PROPOSAL

The undersigned hereby declares, as Bidder, that the only persons or parties interested in this proposal as principals are those named herein; that no director or any other officer or employee of the Eastern Municipal Water District is in any manner interested directly or indirectly in this proposal or in the profits to be derived from the contract proposed to be taken; that this bid is made without any connection with any person or persons making a bid for the same purpose; that the bid is in all respects fair and without collusion or fraud; that he has read the Notice Inviting Bids (or Bidding Information), Insurance Requirements and the Instructions to Bidders and agrees to all the stipulations contained herein; that he proposes and agrees that if his bid as submitted in the attached sheets, be accepted he will contract in the form so approved and furnish all items called for in accordance with the provisions of said approved form of Agreement, Insurance Requirements and the Specifications and to deliver the same within the time stipulated therein; and that he will accept in full payment therefore the prices named in said Bid Sheet.

The Bidder further agrees, that upon receipt of written notice of the acceptance of this proposal within 60 days after the day of opening bids (unless otherwise specified in the Notice Inviting Bids or Bidding Information) he will execute and return the Contract in accordance with the proposal as accepted and furnish the required bond(s) within SEVEN (7) days from the date of mailing the Notice of Acceptance of Proposal to him at his address given below, or within such time as allowed by the Engineer; and that upon his failure or refusal to do so within the said time, then the certified or cashier's check or bond accompanying this bid shall become the property of and be retained by the Eastern Municipal Water District as liquidated damages for such failure or refusal, and shall be deposited with the Treasurer of said Eastern Municipal Water District as monies belonging to the Eastern Municipal Water District; provided, that if said Bidder shall execute the Contract and furnish the required bond within the time aforesaid, his check or bond shall be returned to him thereafter.

The Bidder further declares that the surety or sureties named in the attached sheet have agreed to furnish bond in form and amount set forth in the accompanying Notice Inviting Bids (or Bidding Information) and paragraph B-6 of the Instructions to Bidders, in the event contract is awarded on basis of this proposal.

Company: James W. Fowler Co.

Address: 12775 Westview Drive, Dallas, OR 97338

Date: November 1, 2018

By: James W. Fowler, President

(Print Name) (Name should appear below) (Signature of Owner or Officer required)

<table>
<thead>
<tr>
<th>Name(s) and Title of Member of Firm or Office of Corporation authorized to enter into a binding Contract:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
</tr>
<tr>
<td>--------------------</td>
</tr>
<tr>
<td>James W. Fowler</td>
</tr>
<tr>
<td>John B. Fowler</td>
</tr>
<tr>
<td>Candace J. Fowler</td>
</tr>
</tbody>
</table>

For further details on this proposal, please contact:

Name: John B. Fowler
Email Address: johnl@jwfowler.com

Address: 12775 Westview Dr, Dallas, OR 97338
Telephone: (503) 623-5373
EASTERN MUNICIPAL WATER DISTRICT
SPECIFICATION NO. 1307P
TEMECULA VALLEY RECYCLED WATER PIPELINE
ADDENDUM NO. 3

BIDDING SHEETS

The Contractor shall construct the project under these Specifications all in conformance with the Contract Drawings listed in Section P and these Specifications.

The District reserves the right to:

A. Accept or reject any or all bids on this specification;
B. Award Contract to the lowest qualified bidder, based on the total bid price;
C. Waive any defects and informalities.

The District shall be the final authority with regard to whether a bid is responsive to the call for bids and to whether a bidder is a responsible bidder under the conditions of his bid, or for any reason.

The total contract price shall include all work, materials and equipment needed to complete the project as defined in the General Conditions, Section F. The bidder shall include costs for such other items in the most appropriate category (bid item).

BASIS OF AWARD: Additive Bid Item(s) Included in Total Bid Price.
Public Contract Code 20103.8(b) provides for basis of award as follows:

b) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items that were specifically identified in the bid solicitation as being used for the purpose of determining the lowest bid price.

Public Contract Code 20103.8 does not preclude the District from adding to or deducting any of the additive or deductive items after the lowest responsible bidder has been determined.

Failure to provide a cost for the additive or deductive bid items may deem your bid non-responsive.
## BIDDING SHEETS

<table>
<thead>
<tr>
<th>Bid Item</th>
<th>Qty</th>
<th>Unit</th>
<th>Description</th>
<th>Unit Price (Figures)</th>
<th>Total Amount (Figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>LS</td>
<td>Mobilization and Approved: Bonds, Insurance, Schedule of Values (see Section 01026) and Preliminary Project Schedule (PPS) (see section 01310)</td>
<td>Six Hundred Thousand Five Hundred Dollars (words)</td>
<td>PRES $ 600,500</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>LS</td>
<td>Furnish and install 36&quot; diameter recycled water pipeline including shoring, excavation, bedding, backfill, valving, cathodic protection, appurtenances, pavement removal, pavement replacement, clearing, grubbing, replacement of landscaping and replacement of irrigation, traffic control, preparation and implementation of a Storm Water Pollution control plan and implementation of the mitigation measures identified from the Mitigation Monitoring and Reporting Program all labor, materials and equipment, as shown on the contract drawings and specifications complete and in place.</td>
<td>Eight Million Five Hundred Thirty-two Thousand and 200 Dollars (words)</td>
<td>Lump Sum $ 8,532,200</td>
</tr>
</tbody>
</table>

BS-2

00020 Bidding Sheets
<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Unit</th>
<th>Description</th>
<th>Unit Price (Figures)</th>
<th>Total Amount (Figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>LS</td>
<td>Furnish and install dewatering systems for the 36&quot; pipeline as necessary, including but not limited to pumps, piping, tanks, treatment, valves, shoring, excavation, bedding, backfill, pavement removal and replacement, appurtenances, all labor, material, and equipment as shown on the contract drawings and specifications complete and in place.</td>
<td>Fifty thousand dollars</td>
<td>$50,000</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>LS</td>
<td>ADDITION OR DEDUCTION</td>
<td>Circle one (If applicable):</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Addition (+)</td>
<td>Deduction (-) $50,000</td>
</tr>
</tbody>
</table>
## EASTERN MUNICIPAL WATER DISTRICT
**SPECIFICATION NO. 1307P**
**TEMECULA VALLEY RECYCLED WATER PIPELINE**
**ADDENDUM NO. 3**

### BIDDING SHEETS

<table>
<thead>
<tr>
<th>Bid Item</th>
<th>Qty</th>
<th>Unit</th>
<th>Description (Unit Price Written in Words)</th>
<th>Unit Price (Figures)</th>
<th>Total Amount (Figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>1</td>
<td>LS</td>
<td>Furnish and install 36-inch water pipe connection to existing 24-inch pipeline and existing 36-inch pipeline at Warm Springs Lift Station at the intersection of Zevo Drive and Diaz Road including all above and below grade piping, valves, tapping sleeves, and dispose of existing piping, valves and fittings, all labor, materials and equipment, as shown on the contract drawings and specifications complete and in place.</td>
<td><strong>$100,000</strong></td>
<td><strong>$100,000</strong></td>
</tr>
</tbody>
</table>

**Lump Sum $100,000**

**TOTAL BID (Basis of award)**

$\text{923,070}$
**Addition or Deduction:** Provision is made here for the bidder to include an addition/deduction in their bid, *if desired*, to reflect any last minute adjustments in prices. The addition/deduction, if made, will be proportionately applied to item(s) (fill in) and reflected in the unit prices for payment purposes. If the addition/deduction affects more than one bid item, the proportionate application of the addition/deduction shall be mutually agreed upon by the Contractor and the District at the prejob.

<table>
<thead>
<tr>
<th>Addenda and/or Letter of Clarification</th>
</tr>
</thead>
<tbody>
<tr>
<td>By submitting a bid, Bidder certifies that any addenda and letters of clarification issued to these specifications, whether acknowledged or not below, shall be made a part of the contract. Bidder further agrees to perform all labor and services and furnish all materials, tools and appliances necessary for completing the work called out in the addenda or letter of clarification.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Addenda received:</th>
<th>1. 2. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter of Clarification received:</td>
<td>0</td>
</tr>
</tbody>
</table>

Person who inspected site of the proposed work as an employee of your firm: *(Representative must have inspected the jobsite and be an employee on the company's payroll to be considered a responsive bidder)*

Jeff Anderson  
(Name)  
October 9, 2018  
(Date of inspection)
EQUIPMENT AND MATERIAL
ADDENDUM NO. 3

Identify the name of the manufacturer for the equipment and/or material items listed below, if not specified. Acceptable manufacturers listed shall be utilized by the Contractor in his construction. No substitution of the Contractor’s listed manufacturer will be permitted without written justification and the approval of the District. PRODUCTS OF MANUFACTURERS LISTED AS EQUALS TO THOSE SPECIFIED MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DISTRICT NOT LATER THAN THE TENTH (10TH) DAY PRECEDING THE DATE SET FOR RECEIPT OF BIDS.

FAILURE TO PROVIDE THIS INFORMATION MAY RENDER YOUR BID NON-RESPONSIVE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MANUFACTURER</th>
</tr>
</thead>
<tbody>
<tr>
<td>36-inch CML&amp;TW&amp;C Steel Pipe</td>
<td>WEST COAST PIPE</td>
</tr>
<tr>
<td>36-inch Butterfly Valves</td>
<td>RE ZUVIK</td>
</tr>
<tr>
<td>36-inch Gate Valve (Tapping Valve)</td>
<td>LOW</td>
</tr>
<tr>
<td>24-Inch CML&amp;TW&amp;C Pipe</td>
<td>WEST COAST PIPE</td>
</tr>
<tr>
<td>24-Inch Butterfly Valve</td>
<td>RE ZUVIK</td>
</tr>
<tr>
<td>Sewer Air and Vacuum Valves</td>
<td>APCO</td>
</tr>
<tr>
<td>Tapping Sleeves</td>
<td>SCM HITTZ</td>
</tr>
<tr>
<td>24-Inch Gate Valves (Tapping Valves)</td>
<td></td>
</tr>
</tbody>
</table>

PRODUCTS OF MANUFACTURERS LISTED AS EQUALS TO THOSE SPECIFIED IN THE CONTRACT DOCUMENTS MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DISTRICT NO LATER THAN THE TENTH (10TH) DAY PRECEDING THE DATE SET FOR RECEIPT OF BIDS.
CENTRAL CONTRACTOR REGISTRATION and DUN & BRAD STREET NUMBER
(CCR/DUNS number)

Registration Requirements Required under 2 CFR 25.110- Central Contractor Registration and Dun & Bradstreet Number.

Contractors must maintain current registrations in the Central Contractor Registration (CCR) through the System for Award Management (SAM). Bidders must continue to comply with the CCR requirements below by maintaining current registration within www.SAM.gov. A Bradstreet Data Universal Numbering System (DUNS) Number will also need to be obtained and is one of the requirements for registration in the Central Contractor Registration. A DUNS number may be obtained by telephone (currently 866-705-5711) or by visiting fedgov.dnb.com/webform

<table>
<thead>
<tr>
<th>Registered in Central Contractor Registration?</th>
<th>☑ Yes  ☐ No</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is your firm's number with Dun &amp; Bradstreet (DUNS number)?</td>
<td>083649525</td>
</tr>
</tbody>
</table>

Bidders shall complete the information below and submit this form with the bids. Failure to do so may deem your bid non-responsive.
All bidders must provide a detailed 10-year experience record showing successful completion, as a Class A General Contractor and/or C-34 Pipeline Contractor of at least 3 similar projects within the last 10 years as follows:

A. Contract Type - Public Works
B. Installation of 24” and larger Pressurized pipelines
C. Length – 10,000 Linear Feet or longer, cumulative
D. Contract Value - $2,500,000 or greater for each project

Additionally, bidders must include resumes of key personnel proposed to work on this project when submitting your bid. This information will be critical in meeting requirements as a responsible bidder.

*Failure to submit any of the above-mentioned information with your bid “may” deem your bid non-responsive*
<table>
<thead>
<tr>
<th>YEAR</th>
<th>TYPE/DESCRIPTION OF WORK</th>
<th>VALUE OF WORK PERFORMED</th>
<th>LOCATION OF WORK (CITY)</th>
<th>ENGINEER / CONTACT PERSON Address &amp; phone #</th>
<th>OWNER / (CONTACT PERSON Address &amp; phone #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>Potable Water/Remodel of the existing fish hatchery and installation of a new water treatment system at the hatchery.</td>
<td>$25,715,000</td>
<td>Cowlitz River, WA</td>
<td>Engineering Science Construction 200 North 4th Street, Suite 300 Boise, ID 83702 Contact: Ryan Eldridge, PE (208) 319-9744</td>
<td>City of Tacoma Department of Public Utilities 3628 South 35th Street Tacoma, WA 98411 Contact: Chad Druffel, PE (253)502-8073</td>
</tr>
<tr>
<td>2011</td>
<td>Potable Water/Construction of a transfer pump station on the City's 10 MG reservoir site, valve vault replacements, and meter vault and site improvements consisting of frontage improvements, street rehabilitation &amp; landscaping.</td>
<td>$5,114,000</td>
<td>Tigard, OR</td>
<td>Murray Smith &amp; Associates 121 SW Salmon Street Portland, OR 97204 Contact: Daphne Marcyan, PE (503) 225-9010</td>
<td>City of Tigard 13125 SW Hall Blvd. Tigard, OR 97223 Contact: Rob Murchinson (503) 639-4171</td>
</tr>
<tr>
<td>2011</td>
<td>Potable Water/Construction of site improvements, 6,500 feet of 36-inch PVC water supply and drainage pipelines connecting to a newly constructed water treatment plant, flow-through levee, water supply wells, new hatchery and storage buildings.</td>
<td>$17,478,000</td>
<td>Lower Elwha, Klallam Reservation Port Angeles, WA</td>
<td>Stantec (Formerly MWH Americans, Inc.) 2353 130th Avenue NE Bellevue, WA 98005 Contact: Bill Cutting (425) 896-6917</td>
<td>National Park Services PO Box 25287 Denver, CO 80225 Contact: Scott McCollough (303) 969-2939</td>
</tr>
<tr>
<td>2011</td>
<td>Combined Sewer Overflow/Construction of facilities to control combined overflows into the Willamette River. Microtunnel installation included 6,921 feet of 84-inch RCP installed in 5 drives of 1,690 ft; 1,595 ft; 1,308 ft; 1,194 ft; and 1,134 ft.</td>
<td>$63,738,000</td>
<td>Portland, OR</td>
<td>Kennedy/Jenks Consultants 200 SW Market Street Suite 500 Portland, OR 97201 Contact: Brad Moore, PE (425) 205-4930</td>
<td>City of Portland BES 5001 N. Columbia Blvd. Portland, OR 97203 Contact: H. Scott Clement, PE (503) 823-7052</td>
</tr>
<tr>
<td>2014</td>
<td>Wastewater/Construction of launch and retrieval shafts and 2,100 feet of 114-inch segmentally lined tunnel with a 85.5-inch diameter final liner. Slip-lining two existing 36-inch wood stave pipelines.</td>
<td>$34,896,320</td>
<td>Seattle, WA</td>
<td>Tetra Tech 1420 Fifth Avenue, Suite 600 Seattle, WA 98101 Contact: Doug Genzlinger (206) 883-9342</td>
<td>King County WWT Division 2501 W. Jameson Street Seattle, WA 98101 Contact: Marty Noble (206) 459-3640</td>
</tr>
<tr>
<td>YEAR</td>
<td>TYPE/DESCRIPTION OF WORK</td>
<td>VALUE OF WORK PERFORMED</td>
<td>LOCATION OF WORK (CITY)</td>
<td>ENGINEER / CONTACT PERSON Address &amp; phone #</td>
<td>OWNER / (CONTACT PERSON) Address &amp; phone #</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>-------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>2017</td>
<td>Potable Water/Construction of the new Hannah Mason Pump Station, pipe work along SW Nevada St and SW Macadam Ave, and new supply connection to the adjacent Washington County Supply Line.</td>
<td>$11,938,000</td>
<td>Portland, OR</td>
<td>MurraySmith 121 SW Salmon Street Portland, OR 97204 Contact: Eddie Kreipe, PE (503) 225-9010</td>
<td>City of Portland 1120 SW Fifth Avenue Room 1000 Portland, OR 97204 Contact: Tom Leavitt (503) 823-7403</td>
</tr>
<tr>
<td>2017</td>
<td>Sewer/Construction of a new pump station with the associated piping and appurtenances. Additionally, the work included the replacement of four submersible pumps and discharge piping at the existing Fanno Basin Pump Station.</td>
<td>$16,101,000</td>
<td>Portland, OR</td>
<td>Brown and Caldwell 6500 SW Macadam Portland, OR 97239 Contact: Dale Lough, PE (503) 244-7005</td>
<td>City of Portland BES 1120 SW Fifth Ave, Room 1000 Portland, OR 97204 Contact: Molly Nause-McCord PE (503) 823-4957</td>
</tr>
<tr>
<td>2018</td>
<td>Combined Sewer Overflow/Construction of a 350,000 gallon below ground concrete holding tank and CIPP lining of 290 feet of an existing 48-inch brick sewer, installation of 120 feet of 60-inch FRP pipeline and 170 feet of 60-inch steel pipeline via microtunneling, and pipe-ramming 290 feet of 48-inch and 32 feet of 40-inch diameter pipeline.</td>
<td>$19,185,000</td>
<td>Seattle, WA</td>
<td>King County, WA Natural Resources &amp; Parks 201 S. Jackson Street Seattle, WA 98104 Contact: Mary Beth Gilbrough (206) 477-5456</td>
<td>King County, WA Fifth Avenue, 3rd Ave Seattle, WA 98104 Contact: Casey Hayes, PE (206) 477-4626</td>
</tr>
</tbody>
</table>
## James W. Fowler Co. Experience Matrix

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Type</th>
<th>Transmission Pipeline</th>
<th>Flow Control Facilities</th>
<th>&lt;10 Years</th>
<th>Length in feet</th>
<th>Contract &gt;$2.5M</th>
<th>Pipeline &gt;24&quot; Dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0 MG Reservoir Improvements &amp; Pump Station</td>
<td>Potable Water</td>
<td>X</td>
<td></td>
<td>5/2011</td>
<td></td>
<td>$ 5.0</td>
<td>N/A</td>
</tr>
<tr>
<td>Balch Consolidation Conduit</td>
<td>Combined Sewer Overflow</td>
<td>X</td>
<td></td>
<td>11/2011</td>
<td>8,036</td>
<td>$ 63.7</td>
<td>84&quot;/54&quot;</td>
</tr>
<tr>
<td>Ballard Siphon Replacement Rebid</td>
<td>Wastewater</td>
<td>X</td>
<td>X</td>
<td>7/2014</td>
<td>2,100</td>
<td>$ 34.9</td>
<td>85.5&quot;</td>
</tr>
<tr>
<td>Cowlitz Salmon Hatchery Remodel</td>
<td>Potable Water</td>
<td>X</td>
<td></td>
<td>5/2010</td>
<td></td>
<td>$ 25.7</td>
<td>N/A</td>
</tr>
<tr>
<td>Fulton Pump Station</td>
<td>Potable Water</td>
<td>X</td>
<td>X</td>
<td>6/2017</td>
<td>280</td>
<td>$ 12.0</td>
<td>60&quot;</td>
</tr>
<tr>
<td>LEKT Fish Hatchery &amp; Pipelines</td>
<td>Potable Water</td>
<td>X</td>
<td>X</td>
<td>9/2011</td>
<td>6,500</td>
<td>$ 17.5</td>
<td>36&quot;</td>
</tr>
<tr>
<td>Rainier Valley Wet Weather Storage</td>
<td>Combined Sewer Overflow</td>
<td>X</td>
<td>X</td>
<td>7/2018</td>
<td>610</td>
<td>$ 19.0</td>
<td>60&quot; / 48&quot; / 32&quot;</td>
</tr>
<tr>
<td>SW 86th Ave Pump Station &amp; Appurtenances</td>
<td>Sewer</td>
<td>X</td>
<td>X</td>
<td>6/2017</td>
<td>365</td>
<td>$ 16.0</td>
<td>60&quot;</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>17,891</strong></td>
<td><strong>$ 193.8</strong></td>
<td></td>
</tr>
</tbody>
</table>
Cowlitz Salmon Hatchery Remodel

When the Cowlitz Salmon Hatchery began operation in 1968, it was the largest salmon hatchery in the world. Located on the Cowlitz River, the hatchery produces approximately 13 million salmon per year. Adjacent to the salmon hatchery is the barrier dam, which diverts spawning and upriver migrating fish to a separating station where fish are sorted by species. Tacoma Power built and maintains both the salmon and nearby Cowlitz Trout Hatchery and provides funds to the Washington Department of Fish and Wildlife (WDFW) for staffing and operation.

The facility, before remodeling, consisted of a fish barrier across the Cowlitz River, fish ladder, transportation channel, fish separation facilities, thirty-six ponds, eighteen early rearing kettles, river water pumping plant, well water supply, pollution abatement ponds, residences, and a hatchery building with a visitor facility.

The project included a remodel of the existing fish hatchery and installation of a new water treatment system at the hatchery. Included in the remodel are updates to the existing early rearing building and separators to meet Federal Energy Regulatory Commission requirements.

As part of the remodel, the 450,000 gallon cast-in-place concrete raceways were removed and replaced with new base preparation and foundation drainage systems. The feed storage system was also remodeled to provide automated feeding of the fish.
Cowlitz Salmon Hatchery Remodel

Upgrades to the hatchery included a new one-story building with offices, conference room, visitor's center and spawning room which was built to overlook the new adult fish-handling facility. The new water treatment facility included 1.2 MG cast-in-place concrete water holding structure with base preparation and foundation drainage system, rotary micro screen drum filters, pressure sand filters, UV disinfection, packed columns and air strippers, and a new hydronic system including boilers, chillers and heat exchangers. JWF managed the testing, start-up and commissioning of all process equipment.

All work near the ponds was strictly monitored as the fish eggs in the ponds are very sensitive to vibrations in the first six to eight weeks after they are laid. The new adult fish handling facility isolates the adults and juveniles, helping to prevent the spread of diseases and keep down stress levels among fish. It is also closer to the incubation area, with a larger pond and better water circulation for better operational efficiency for handling the adult fish. The project also includes an array of mechanical piping with 36- and 48-inch gate valves on the main supply line that will recirculate water through the breeding ponds to save water and help control the temperature of the breeding trays.

It was critical to the success of the project that the hatchery remain at 100% operational capacity without interruption during all phases of the remodel of the existing hatchery features and addition of new elements. JWF worked closely with hatchery and WDFW personnel to ensure there were no impacts to the hatchery operations and completed the project without a single incident.
10.0 MG Reservoir Improvements and Transfer Pump Station

The City of Tigard purchases water from the City of Portland and stores it in the 10 MG reservoir and transfer pump station which serves as the central hub for the water system. The project was designed to provide a new, reliable and energy efficient pump station to serve dual pressure zones in Tigard.

The scope of work included construction of a transfer pump station on the City’s 10 MG reservoir site, valve vault replacement, reservoir improvements, a meter vault and site improvements consisting of frontage improvements, street rehabilitation and landscaping.

The pump station construction included deep suction piping and concrete basement structure, valve appurtenances, the installation of six new vertical turbine pumps, a CMU pump station structure, HVAC improvements and the installation of electrical equipment.

The valve vault replacement consisted of a deep valve vault concrete structure to replace an existing valve vault adjacent to the existing reservoir.

Reservoir improvements included inlet and outlet piping modifications, interior ladder replacement, a new vent system including abandonment of the existing vent system and reservoir roof and wall recoating systems.

Site improvements included frontage improvements along Bull Mountain Road including construction of a 6-foot wide sidewalk, an accessible
10.0 MG Reservoir Improvements and Transfer Pump Station

Contract Bid
$4,887,000

Change Orders
1

Final Contract Amount
$5,114,000

Claims/Resolution
None

Contract Duration
398 Days

Actual Duration
398 Days

Construction Dates
March 2010 - May 2011

Contract Delivery Method
Design/Bid/Build

Project Staff
Mark Welsensee - Project Principal
Tim Jankesofsky - Project Manager
Dan Dean - Superintendent

ADA ramp, a private drive entrance to SW 125th Avenue, landscaping improvements and the construction of an architectural wall along the south and west sides of the City’s property.

Other improvements included pavement rehabilitation along SW 125th Avenue and existing utility relocations. The scope also included a new backup power generator, electrical and instrumentation and control improvements.

This project was funded with federal funds from the American Recovery and Reinvestment Act through the Safe Drinking Water Revolving Load Fund (SDWRLF).
Lower Elwha Klallam Tribe Fish Hatchery & Pipelines

To help meet the goals of the Elwha River Ecosystem and Fisheries Restoration Act, a new fish hatchery and rearing facility was constructed to help maintain existing stocks of coho, pink and chum salmon and steelhead in the Elwha River. The new Lower Elwha Klallam Tribe Fish Hatchery allows for the handling and segregation of multiple stocks of adult fish and aids in the restoration of the natural river ecosystem.

Construction of this hatchery was part of the larger process of removing the Elwha and Glines Canyon dams on the Elwha River to restore the river to its natural state and allow the fish to return to more than 70 miles of river. The Lower Elwha tribe is beginning to see the results of this project as increasing numbers of fish are returning to spawn in the Elwha River and its tributaries.

Constructing a project for the National Park Service on tribal lands required close coordination and thorough communication with a variety of stakeholders including a variety of Lower Elwha Klallam tribal officials and employees, National Park Service staff, the Clallam County Public Utility District and other contractors and subcontractors working on nearby projects. The project was completed successfully with no “taking” of endangered species and no conflicts with other on-going construction projects.

This project consisted of the construction of site improvements, 6,500 feet of 36-inch PVC water supply and drainage pipelines connecting to a newly constructed water treatment plant, flow-through levee, water supply wells,
Lower Elwha Klallam Tribe Fish Hatchery & Pipelines

Contract Bid
$16,364,000

Change Orders
75 - Additional contract work

Final Contract Amount
$17,478,000

Claims/Resolution
None

Contract Duration
485 Days

Actual Duration
701 Days

Start Date
January 2010

Completion Date
September 2011

Contract Delivery Method
Design/Bid/Build
(Best Value Procurement)

Project Staff
John Fowler - Project Principal
Mark Weisensee - Project Manager
Shannon Phipps - Assistant Project Manager
Burl Howard - Superintendent
Trent Inglesby - Project Engineer

new hatchery and storage buildings, fish culture facilities including 600,000 gallon raceways with base preparation and foundation drainage system, pollution abatement pond, adult holding pond, a new fish ladder leading from the Elwha River to the brood pond, process piping, equipment and related mechanical and electrical systems procurement and installation.

After award of the contract, the owner issued a change order to JWF to construct a chilled water system which would supply chilled water to the incubation room. The system included a 1,000 gallon welded steel storage tank, duplex submersible circulation pumps, mechanical piping, and related mechanical and electrical system procurement and installation. JWF managed the start-up, testing and commissioning of all the process equipment.

This project was one of nearly 800 projects totaling $750 million throughout the National Park Service that were completed with funding from the American Recovery and Reinvestment Act of 2009 and was one of the single largest contracts awarded by the National Park Service.
Balch Consolidation Conduit Shafts & Pipelines

In 1991, the City of Portland ("City") entered into an Amended Stipulation and Final Order ("ASFO") administered by the Oregon Department of Environmental Quality which mandated completion of the Combined Sewer Overflow ("CSO") program by December 1, 2011. The ASFO required the City to construct facilities to control combined sewer overflows into the Willamette River. The Balch Consolidation Conduit Shafts and Pipelines project ("Balch") was a key component of the City’s CSO program and required construction of a new pipeline to carry sewage and stormwater runoff from the Balch Drainage Basin to the West Side Big Pipe, which collects combined sewage from the west side of the Willamette River for conveyance to the Columbia Boulevard Wastewater Treatment Plant on the east side of the river.

The microtunnel installation included 6,921 feet of 84-inch RCP installed in five drives of 1,690 feet; 1,595 feet; 1,308 feet; 1,194 feet and 1,134 feet. An additional 1,115 feet of 54-inch RCP was also installed. The depths varied from 20 to 75 feet. Each drive ended with grouting of the annular space between the ground and concrete pipe.

Portland’s ground conditions are renowned for being extremely challenging and this site was no exception. Located in a former landfill, the five launch/reception shafts were constructed thru fragments of glass, brick, wood, wire and sheet metal in addition to the expected cobbles, boulders and soft soils.

During the final microtunnel drive, the machine encountered an unidentified steel object which halted the progress. JWF performed over 250 separate compressed air man interventions where a team of two people went over
Balch Consolidation Conduit Shafts & Pipelines

Contract Bid
$75,729,000

Change Orders
1

Claims/Resolution
None

Final Contract Amount
$63,738,000

Contract Duration
1,217 Days

Actual Duration
1,187 Days

Start Date
August 2008

Completion Date
December 2011

Contract Delivery Method
CM/GC (Best Value Procurement)

Project Staff
John Fowler - Project Principal
Scott Thibert - Project Manager
Phil Hollingsworth - Superintendent
LaRue Nolen - Superintendent
Mark Dillow - Superintendent
Phiet Vuong - Project Engineer

900 feet within the pipe 75 feet underground, pressurized the face of the tunnel machine and entered the crushing chamber through a door 16 inches by 19 inches to repair the machine and resume the tunneling process. This process is similar to a deep sea dive and is extremely dangerous. JWF is the only tunneling contractor in the United States to have performed compressed air interventions of this magnitude on a microtunneling machine.

As a means of managing the risks of the project and reducing cost and schedule, JWF offered Cutter Soil Mixing (“CSM”) as an alternative shaft shoring method of the tunnel access shafts – a method untested in Oregon or the types of soils on site. The City agreed to use the new technology enabling Balch to be the first project in Oregon to use CSM for shaft support. Additionally, this project was the first use in the United States of the CSM panels to support the machine and pipeline and for tunnel break-in / break-out zones. This new technology fits well with the City’s sustainability initiatives by eliminating waste to landfills, reducing fuel consumption, and containing hazardous waste and contaminated groundwater.

The project included construction of five shafts, the first was 36 feet long, 24 feet wide, and 30 feet deep; the second was 45 feet long, 32 feet wide, and 46 feet deep. The remaining three were round shafts including a 36 feet diameter and 62 feet deep shaft, a 24 feet diameter and 68 feet deep shaft, and a 31 feet diameter and 78 feet deep shaft.

The City prides itself on promoting historically under-utilized minority, women and emerging small businesses (“MWESB”). At the beginning of the project, JWF identified a goal of $3.4 million of MWESB participation. We also identified firms to mentor during the project, offering assistance in the form of estimating, deciphering plans and specifications, and business management which allowed these entities to remain in business in a challenging economic environment. At the end of the project, JWF had awarded $16.3 million to MWESB firms, a 448% improvement on the original goal! The Balch project exceeded the City’s expectations by finishing ahead of schedule, under budget and within specifications. Most importantly, the City was able to meet the ASFO mandated completion date and their commitment to healthy working rivers for future generations.

Final estimates of all project sustainability measures included reducing the amount of contaminated spoils destined for landfills by 36,700 tons, which in turn saved 25,200 gallons of fuel and reduced road congestion by over 2,400 trips.
Ballard Siphon Replacement Rebid

To protect public health and the environment while ensuring the system continues operating safely and reliably, dual 36-inch diameter wooden sewer pipes installed in 1935 in the deep sediment of Salmon Bay in downtown Seattle required replacement. The pipes convey wastewater across the bay, ultimately ending up at the West Point Treatment Plant. This project reduced the potential for combined sewer overflows into the Ship Canal, a man-made excavation forming a navigable waterway between Lake Washington and Puget Sound, and met Seattle’s existing infrastructure requirements while adding needed capacity to serve growth in the north Seattle area.

This project included construction of launch and retrieval shafts and 2,100 feet of 114-inch segmentally lined tunnel with an 85.5-inch diameter final liner. This project also included slip-lining two existing 36-inch wood stave pipelines. Common when the siphon was originally constructed, the pipes were similar to wooden barrels with metal compression bands holding the staves together. King County maintained flows through the aging pipes until the new pipeline was constructed.

The existing Ballard Regulator was expanded and reconfigured to divert flows through the new 85.5-inch line. An underground structure was constructed at the launch site that directs flows from the new conduit to the existing North Interceptor.

Once the new pipeline was installed and operational, the wood pipes were taken off-line, cleaned and slip-lined with 30-inch HDPE pipe. For the
Ballard Siphon Replacement Rebid

Contract Bid
$31,755,000

Change Orders
11

Claims/Resolution
None

Final Contract Amount
$34,896,320

Contract Duration
1089 Days

Actual Duration
1089 Days

Start Date
May 2011

Completion Date
July 2014

Contract Delivery Method
Design/Bid/Build

Project Staff
John Fowler - Project Manager
Rich Mascarello - Construction Manager
Mike McMillan - Sr. Project Engineer
Mark Diliworth - Superintendent

cleaning process, 11,500 gallons of siphon sewerage were pumped to an adjacent facility. During the lining process, a specially designed apparatus was utilized to avoid damage to the wood stave pipeline. After the lining was complete, the pipes were hydrostatically tested and the annular space was grouted while being carefully monitored to avoid damage to the wood stave and HDPE liner. The final step in the process involved integrating the relined pipeline into the existing system. The newly-lined wood pipes will remain on the floor of the bay in case they need to be used in the future.

The alignment of the tunnel included a vertical curve designed to reduce the depth of the retrieval shaft, to facilitate sediment transport within the tunnel and allow tunneling to proceed upslope. A horizontal curve minimized the need for easements under private property and to avoid tunneling below existing pile-supported buildings.

To improve upon the schedule, JWF suggested use of a shaft excavation machine that was the first of its kind in North America. A Herrenknecht AG developed Vertical Shaft Machine ("VSM") was used to build the 30-foot diameter, 145-foot deep launch shaft for the tunnel machine. The machine allowed crews to excavate the shaft in two months, which is three to four months faster than conventional excavation. Shaft building with the VSM involved excavating an initial section and building a concrete ring wall to support the machine. An operator remotely moved the machine down and precast concrete segments were installed to structurally line the shaft as the machine continued to excavate. The segments sunk as the machine's pivoting cutting arm dug out the soil, allowing new segments to be added from above.
Fulton Pump Station Replacement

The Fulton Pump Station, originally built in 1912 as a one room pump house, had been expanded several times over the years to its maximum capacity of 12 MGD, which did not meet Portland’s future water needs. In 2010 and 2011, the Portland Water Bureau explored several options for upgrading or replacing the pump station and found that replacing the outdated facility with a new 18 MGD pump station located in Willamette Park was the best solution.

The project involved work at the Fulton Pump Station site, construction of the new Hannah Mason Pump Station (HMPS), pipe work along SW Nevada Street and SW Macadam Avenue, and a new supply connection to the adjacent Washington County Supply Line (WCSL), which is the main water supply line to Portland’s Westside customers. Additionally, the project included approximately 700 LF of new suction and discharge piping and 450 LF of distribution mains along a highly congested corridor of existing buried utilities, force main sewer piping and connections, and stormwater control and detention facilities.

The new HMPS building housed five vertical turbine pumps, a PGE equipment room, public restrooms, and park equipment storage. The building exterior included vegetative eco-roof system, louvers for HVAC and flood louvers on the ground level. A permanently attached roof tie-down fall restraint and fall-arrest system was installed for worker safety. The final product was constructed in strict compliance with JWF’s quality control and is a high-end facility utilizing highly skilled craft labor. The finished concrete
Fulton Pump Station Replacement

Contract Bid
$10,555,000

Change Orders
5

Claims/Resolution
None

Final Contract Amount
$11,938,000

Contract Duration
641 Days

Actual Duration
641 Days

Start Date
February 2015

Completion Date
June 2017

Contract Delivery Method
CM/GC (Best Value Procurement)

Project Staff
John Fowler - Project Principal
Randy Stebner - Project Manager
Kevin Orton - Superintendent
Phiet Vuong - Project Engineer

Walls are both corrugated and smooth with both colored and stained areas that complement the park with a subtle design meant to blend into the surrounding Willamette Park landscape.

Replacement of the 20 LF section of 60" WCSL with 60" cement lined and coated pipe to supply water to new pump station required careful coordination with the owner to manage potential interruptions to this major water delivery supply line and complete the installation within a tight work window. New piping was constructed to connect the original pump station to the newly constructed pump station. Pipework included installation of 30" Steel Discharge Line and 24" Ductile Iron Supply Line that was bored under existing railroad tracks and the remaining reach was open cut. JWF utilized slide rail excavation systems to install the piping and for the 20' x 34' x 10' reinforced concrete thrust block. Completion of the project included grading and landscaping improvements, greenway improvements, and facility start-up, testing and certification of the new pump station.

The project was located in a busy urban area with many highly utilized local businesses and heavy traffic with simultaneous construction projects taking place by other contractors. JWF carefully coordinated with numerous city, state, and private authorities, local businesses, and other contractors to strategically schedule the work and maintain public access, minimize community impact, alleviate interference with other contractor work schedules, and ultimately complete the project successfully within budget and on schedule.
SW 86th Avenue Pump Station & Appurtenances

When the Fanno Basin Pump Station was constructed, in conjunction with other projects in the Fanno Creek Watershed, it replaced five old pump stations in the area. The new pump station had a reputation for overflowing into Fanno Creek and neighborhood streets during rain events and has caused challenges for area residents.

The new SW 86th Avenue Pump Station will increase the capacity of the existing pump station by 10 MGD. By continuing to operate the existing pump station in the winter, the City will have a back-up system during heavy rains to help prevent overflows into Fanno Creek.

The project consists of construction of a new pump station with the associated piping and appurtenances. Additionally, the work includes the replacement of four submersible pumps and discharge piping at the existing Fanno Basin Pump Station.

The project site is bordered by the Fanno Creek Recreational Trail and residential properties. As part of an agreement between the City and the neighbors near the construction site, a temporary 12-foot high soundproof wall was constructed to help minimize the impacts from construction noises. Additionally, restricted work hours were implemented.

A unique caisson-style pump station was constructed on this project. The concrete structure was 54 feet deep and 55 feet in diameter. The shoring
SW 86th Avenue Pump Station & Appurtenances

**Contract Bid**  
$15,632,000

**Change Orders**  
76  
(Weather delays, owner requested changes)

**Claims/Resolution**  
None

**Final Contract Amount**  
$16,101,000

**Contract Duration**  
1,394 Days

**Actual Duration**  
1,394 Days

**Start Date**  
August 2013

**Completion Date**  
June 2017

**Contract Delivery Method**  
Design/Bid/Build

**Project Staff**  
John Fowler - Project Principal  
Tim Janesofsky - Project Manager  
Kevin Orton - General Superintendent  
Stan Orr - Superintendent

For the diversion structure was beam and lagging with dimensions of 26 feet long, 17 feet wide, and 23 feet deep. This required a positive pressure system because the location was adjacent to Fanno Creek and the FABA Pump Station emergency generator building. Construction included two 28 feet long, 14 feet wide, and 16 feet deep slide rail pits to install a surge tank valve vault and a force main valve. Positive pressure shoring was chosen due to the proximity of the excavations and the new buildings under construction.

To connect the pump station to the diversion structure, a 365 foot 60-inch diameter microtunnel using Flowtite glass-fiber-reinforced thermosetting-resin (GRP) pipe was constructed. This is the first use of this type of pipe in the United States for a microtunneling project. The tunnel launched from the pump station, continued through mixed face conditions of very soft clay to silt and very stiff silt, and was recovered in the diversion structure. Groundwater was approximately 10 feet below the ground surface.

Adding to the complexity of the microtunnel, the pipeline connecting the pump station to the diversion structure was located approximately 20 feet above the bottom of the 54-foot deep pump station. In order to install the pipeline, the jacking frame was constructed on scaffolding designed to support the weight of the frame and microtunnel boring machine. Additionally, the caisson could not be used as support to push the tunnel machine forward. A series of steel “H” piles were installed in the tremie plug at the bottom of the shaft to be used as thrust blocks for the jacking frame. Fortunately, the soil conditions on the project did not require high jacking forces and the piles were sufficient to withstand the jacking loads. The steel “H” piles were removed when the tunneling process was completed.
Rainier Valley Wet Weather Storage

King County has undertaken several combined sewer overflow (CSO) projects in an effort to reduce annual CSO discharges. This project includes work at two work sites separated by a half-mile and a highly utilized and congested roadway. The Rainier Valley Wet Weather Storage project was designed and put out to bid to install a 60-inch diameter siphon via pipe ramming and ground freeze.

Recognizing that this approach carried significant risk with the existing structures located atop of the proposed alignment, JWF suggested that the team hold several value engineering workshops to analyze the current design and determine if there was an alternative approach that would mitigate the risk. The value engineering team worked with King County to determine that a microtunnel could be utilized instead of a pipe ram and ground freezing, resulting in an innovative trenchless design that improved control of the drive while reducing both impact to the surrounding businesses and risk to King County. JWF proposed this alternative as a no cost change order and completed the work one month prior to the contractual milestone date with no damage to any of the surrounding structures.

The project included construction of a 350,000 gallon below ground concrete holding tank and CIPP lining of 290 feet of an existing 48-inch brick sewer, installation of 120 feet of 60-inch FRP pipeline and 170 feet of 60-inch steel pipeline via microtunnelling, and pipe-ramming 290 feet of 48-inch and 32 feet of 40-inch diameter pipeline.
Rainier Valley Wet Weather Storage

Contract Bid
$17,345,000

Change Orders
11
(Weather delays, owner requested changes)

Claims/Resolution
None

Final Contract Amount
$19,185,000

Contract Duration
755 Days

Actual Duration
755 Days

Start Date
May 2016

Completion Date
July 2018

Contract Delivery Method
Design/Bid/Build

Project Staff
Tim Janesofsky - Project Principal
Bill Blankenship - Project Manager
Glen Wheeler - Tunneling Manager
Dave Sherman - General Superintendent
Jeff Huber - Superintendent
Spencer McClymont - Project Engineer

The excavation of the below ground storage tank was over 50 feet deep with a 5-foot thick concrete base to support the structure above and anchor the tank. Rebar and nearly 1,000 cubic yards of concrete were used to complete the foundation.
RESUMES OF KEY PERSONNEL
(ATTACH HERE)
JEFF ANDERSON, PROJECT MANAGER

Mr. Anderson has 34 years experience in the management and oversight of microtunnel, large diameter pipe and infrastructure construction projects for clients throughout the United States. Jeff is passionate about the company’s safety program and has served as president of the JWF Safety Committee in addition to a similar role for the Associated General Contractors San Diego Chapter.

RELEVANT EXPERIENCE

NORTH CREEK INTERCEPTOR SEWER COMPLETION

Project Role: Project Manager
Construction Cost: $33.8 million
Construction Dates: March 2017 - June 2018
Project Owner: King County Wastewater Treatment Division
Contact: Bruce Herman 206.477.4626

Mr. Anderson was responsible for overseeing the construction of approximately 3,000-ft of sewer line via microtunneling and connecting to a previously constructed pipe. This project included JWF taking over, assessing and completing the work by a previous contractor. The project also included asphalt paving, traffic control, landscaping and wetland restoration, as well as miscellaneous work needed to complete the project. JWF assumed responsibility for the first tunnel drive midway through completion, which included repairs to and utilization of the existing TBM.

UPPER NARROWS PIPELINE REPLACEMENT

Project Role: Project Manager
Construction Cost: $30 million
Construction Dates: January 2013 - May 2016
Project Owner: Victor Valley Wastewater Reclamation Authority
Contact: Alton Anderson (760) 246-8638

Mr. Anderson was responsible for managing the construction of new gravity sewer pipelines by both microtunnel and rock tunnel construction and open cut at multiple locations. Two 60-in microtunnel drives of 971 and 1,850- ft were constructed to install Permalock steel casing and 2,700-ft of 48-in HDPE carrier pipe. A single 1,250-ft 80.5-in rock tunnel was constructed using rib and board liner.

SANTA ANA RIVER INTERCEPTOR (SARI) RELOCATION - SARI MAINLINE

Project Role: Project Manager
Construction Cost: $91.1 million
Construction Dates: September 2011 – July 2013
Project Owner: Orange County Flood Control District
Contact: Jerry Olivera, (714) 667-3931

Mr. Anderson is responsible for managing the construction of a sewer pipeline installed via microtunnel along a freeway right-of-way. The project includes 1,545-ft of concrete pipe at depths of up to 75-ft and includes a curved drive and another under the Santa Ana River and Green River Golf Course.
**Additional Experience**

☑ Gerald Desmond Bridge Replacement // City of Long Beach, Long Beach, CA

☑ Water Group 939 // City of San Diego, San Diego, CA

☑ Marketplace Del Rio Trunk Sewer Replacement // City of Oceanside, Oceanside, CA

☑ San Marcos Interceptor Replacement // Vallecitos Water District, San Marcos, CA

☑ Santa Monica Low Flow Diversion // City of Los Angeles, Los Angeles, CA*

☑ South Mission Valley Trunk Sewer // City of San Diego, San Diego, CA*

☑ District 32 Main Relief Sewer 1A Extension, Phase II // County Sanitation Districts of Los Angeles County, Los Angeles, CA*

☑ Carbon Canyon Dam Sewer Pump Station Abandonment // Yorba Linda, CA*

☑ UNWI Section 9 & NEA Projects // Sacramento Regional County Sanitation District, Citrus Heights, CA*

☑ Oxnard Plain Brine Line, Phase 1B // Oxnard, CA*

☑ Lakeshore Trunk Sewer - Malaga Reach // Lake Elsinore, CA*

☑ Elkhorn Reservoir // North Highlands, CA*

☑ Hollyhills Drain Unit 8B (Phase II) // West Hollywood, CA*

☑ Arden Parallel Force Main // Sacramento, CA*

☑ Natomas Force Main // Natomas, CA*

☑ Yolo Force Main // Clarksburgh, CA*

☑ Pump Station 34 // San Diego, CA*

☑ Howe Avenue 54-in Water Transmission Main // Sacramento, CA*

☑ Moreno Lakeside Pipeline // Lakeside, CA*

☑ Arden Fall Structure Bypass // Sacramento, CA*

*Project performed for prior employer*
Phil Hollingsworth, Project Superintendent

Mr. Hollingsworth has extensive experience with all phases of underground construction, specializing in microtunneling. With over 25 years of experience operating microtunnel equipment and supervising projects, he has insight into the intricate nature of ground improvement, contact and annular space grouting, shaft sealing, MTBM launching and receiving, and ground stability. He has constructed projects around the world in a variety of ground conditions including the US, Spain, England, and the United Arab Emirates.

Relevant Experience

Price Agreement for Urgent Rehabilitation of Sanitary and Storm Sewers - Outfall 33, NW Hemlock & NW Harrison Sewer Rehabilitations

Project Role: Project Superintendent - Trenchless
Construction Cost: $10.4 million
Construction Dates: March 2015 - July 2018
Project Owner: City of Portland, Bureau of Environmental Services
Contact: Fahim Rahman, PE 503.823.7217

Mr. Hollingsworth supervised the trenchless portion of this group of fourteen emergency contracts negotiated with the City of Portland to rehabilitate and construct sewer pipes and manholes throughout the City. These projects included a variety of open trench and trenchless pipe installations in busy urban areas. He was responsible for the contact grouting and annular space grouting for the project.

North Creek Interceptor Sewer Completion

Project Role: Project Superintendent
Construction Cost: $33.2 million (Est.)
Construction Dates: January 2017 - March 2019 (Est.)
Project Owner: King County
Contact: Marty Noble 206.459.3640

Mr. Hollingsworth supervised the completion of a contract with another contractor terminated for cause. The construction included approximately 3,000 feet of open faced shield tunneling to install new sewer pipelines and restoration of wetlands and a trail area. He was responsible for the contact grouting and annular space grouting for the project.

Balch Consolidation Conduit Shafts and Pipelines

Project Role: Project Superintendent
Construction Cost: $63.7 million
Construction Dates: August 2008 – October 2011
Project Owner: City of Portland, Bureau of Environmental Services
Contact: H. Scott Clement, PE 503.823.7740

Mr. Hollingsworth was responsible for supervising construction of shafts and 8,017 feet of microtunnel, contact and annular space grouting, concrete diversion structures, conventional open-cut: pipe and manhole installation and tie-in to existing storm & sanitary collection system in a busy industrial area.
**Additional Experience**

- Marketplace Del Rio Trunk Sewer Replacement // City of Oceanside, Oceanside, CA
- Ranier Valley Wet Weather Storage // King County, Seattle, WA
- Center for Health & Healing South // Oregon Health Sciences University, Portland, OR
- Upper Narrows Pipeline Replacement // Victor Valley Wastewater Reclamation Authority, Victorville, CA
- Southwest Pipeline Project - Supplementary Raw Water Intake, Caisson, Intake Pipe & Screen // Mercer County, ND
- San Marcos Interceptor Replacement // Vallecitos Water District, San Marcos, CA
- Watson Way Upsizing and Realignment // Buena Sanitation District, Vista, CA
- Santa Ana River Interceptor (SARI) Relocation // Oregon County Flood Control District, Santa Ana, CA
- Nacimiento Intake Unit A // San Luis Obispo County Flood Control & Water Conservation District, Paso Robles, CA
- Brightwater Conveyance System - Central Contract // King County, Seattle, WA
- Woods Street Project Group // City of Portland Bureau of Environmental Services, Portland, OR
- Conserv 1 Flow Diversion - Force Main Phase 1 // City of Orlando, Orlando, FL
- Lower Northwest Interceptor - Sacramento Force Main // Sacramento County Regional Sanitation District, Sacramento, CA
- Five Points Sanitary Sewer Rehabilitation // City of Columbia, Columbia, SC
- Sanitary Collection Improvements - North/South Relief Interceptor // Township of Grosse Ile, Grosse Ile, MI
- Spanaway Loop Bypass Schedule C // Pierce County Public Utilities, Lakewood, WA
SPENCER McClymont, PROJECT ENGINEER

Mr. McClymont has 13 years experience in the management and oversight of microtunnel, large diameter pipe and infrastructure construction projects for clients throughout the United States. Spencer is tenacious about ensuring the final project meets all specifications of the design documents.

RELEVANT EXPERIENCE

NORTH CREEK INTERCEPTOR SEWER COMPLETION

Project Role: Project Engineer
Construction Cost: $33.8 million
Construction Dates: March 2017 - June 2018
Project Owner: King County Wastewater Treatment Division
Contact: Bruce Herman 206.477.4626

Mr. McClymont was responsible for the review and submittal of all documentation to ensure the project is constructed within the design specifications. The project included construction of approximately 3,000-ft of sewer line via microtunneling and connecting to a previously constructed pipe. JWF took over an existing contract, assessing and completing the work by a contractor terminated for cause. JWF assumed responsibility for the first tunnel drive midway through completion, which included repairs to and utilization of the existing TBM.

UPPER NARROWS PIPELINE REPLACEMENT

Project Role: Project Engineer
Construction Cost: $30 million
Construction Dates: January 2013 - May 2016
Project Owner: Victor Valley Wastewater Reclamation Authority
Contact: Alton Anderson (760) 246-8638

Mr. McClymont was responsible for the review and submittal of all documentation to ensure the project is constructed within the design specifications. The project included the construction of new gravity sewer pipelines by both microtunnel and rock tunnel construction and open cut at multiple locations. Two 60-in microtunnel drives of 971 and 1,850-ft were constructed to install Permalock steel casing and 2,700-ft of 48-in HDPE carrier pipe. A single 1,250-ft 80.5-in rock tunnel was constructed using rib and board liner.

SANTA ANA RIVER INTERCEPTOR (SARI) RELLOCATION - SARI MAINLINE

Project Role: Project Engineer
Construction Cost: $9.1 million
Construction Dates: September 2011 – July 2013
Project Owner: Orange County Flood Control District
Contact: Jerry Olivera, (714) 667-3931

Mr. McClymont was responsible for the review and submittal of all documentation to ensure the project is constructed within the design specifications. The project included 1,545-ft of concrete pipe at depths of up to 75-ft and included a curved drive and another under the Santa Ana River and Green River Golf Course.
**Additional Experience**

- Gerald Desmond Bridge Replacement // City of Long Beach, Long Beach, CA
- Water Group 939 // City of San Diego, San Diego, CA
- Marketplace Del Rio Trunk Sewer Replacement // City of Oceanside, Oceanside, CA
- San Marcos Interceptor Replacement // Vallecitos Water District, San Marcos, CA
- Miramar Trunk Sewer // City of San Diego, San Diego, CA*
- Euclid Creek Tunnel // City of Cleveland, Cleveland, OH*
- Conduit 151 // Denver Water, Denver, CO*
- Santa Monica Low Flow Diversion // City of Los Angeles, Los Angeles, CA*
- Raw Water Intake & Main // City of Thomasville, Thomasville, AL*
- Penmar Water Quality Improvement Project, Phase I*
- Haymar Sewer Segment Replacement*
- Washington-Oxford Relief Sewer*
- North Agua Hedionda Interceptor Sewer Replacement*
- Perris Water Filtration Plant, SWP Pipeline*
- Alvarado/Crandall Sewer Relief*
- Harvard Ave Design / Build*
- Lake Calaveras Remedial Improvements*
- Abbott Vascular TEC Site Utilities*
- Lakeshore Trunk Sewer - Malaga Reach*
- Sycuan Box Culvert*

*Project performed for prior employer
# LIST OF DESIGNATED SUBCONTRACTORS

**SPEC #:** 1307P  
**PROJECT TITLE:** Temecula Valley Recycled Water Pipeline  
**NAME OF CONTRACTOR:** James W. Fowler Co.

In compliance with the provisions of Sec. 4100-4111, inclusive, of the Public Contract Code of the State of California, and any amendments thereof, each bidder shall set forth: the name, location of the place of business, license number, portion of the work which will be done by each subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work or improvement in an amount in excess of one-half of one percent (1/2 of 1%) of the Contractor's total bid. Each portion of Subcontracted work noted in the below table must be specific and contain all major activities associated with completion of the project, outside of the services provided by the bidding Contractor. Ambiguous and/or incomplete Subcontracted work information may deem the bid nonresponsive. Each subcontractor shall possess, both at the time the bid is submitted and at all times when work is performed, a valid contractor’s license for the appropriate classification necessary to perform the work for which that subcontractor is listed.

**BIDDER SHALL PROVIDE THE FOLLOWING INFORMATION:**  
Company Name, Business Address, Email Address, License No., Contractor Registration No., Subcontract Work, and % Of Total Bid

*PLEASE WRITE LEGIBLY*

<table>
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<th>LICENSED SUBCONTRACTOR'S NAME, BUSINESS ADDRESS, &amp; EMAIL ADDRESS</th>
<th>LICENSE #</th>
<th>SUBCONTRACT WORK (Be Specific)</th>
<th>% OF TOTAL BID</th>
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<td><strong>Email Address:</strong> <a href="mailto:Darren@superiorpavementmarkings.com">Darren@superiorpavementmarkings.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Company Name:</strong> Incompli, Inc.</td>
<td>License #: n/a</td>
<td>SWPPP</td>
<td>53%</td>
</tr>
<tr>
<td><strong>Address:</strong> 23441 South Pointe Dr., Suite 190, Laguna Hills, CA 92653</td>
<td>DIR Registration #: 1000018216</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Email Address:</strong> <a href="mailto:aplunkett@incompli.com">aplunkett@incompli.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>License #:</td>
<td>SUBCONTRACT WORK (Be Specific)</td>
<td>% OF TOTAL BID</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------</td>
<td>--------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Compro</td>
<td>764878</td>
<td>Cathodic Protection &amp; Testing</td>
<td>75</td>
</tr>
<tr>
<td>10260 Matern Pl, Santa Fe Springs, CA 90670</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:jgerin@aegion.com">jgerin@aegion.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>License #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rain For Rent</td>
<td>904992</td>
<td>Dewatering</td>
<td>63</td>
</tr>
<tr>
<td>6400 Fischer Rd, Riverside, CA 92507</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:JMATTISON@rainforrent.com">JMATTISON@rainforrent.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>License #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G&amp;F Concrete Cutting, Inc.</td>
<td>590310</td>
<td>Sawcutting</td>
<td>35</td>
</tr>
<tr>
<td>13653 Alondra Blvd, Santa Fe Springs, CA 90670</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:John.navarro@gfconcretecutting.com">John.navarro@gfconcretecutting.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>License #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Flow Technologies, Inc.</td>
<td>502406</td>
<td>Hot Tap</td>
<td>23</td>
</tr>
<tr>
<td>30230 Los Alamos Rd, Murrieta, CA 92563</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:Scott@linestop.com">Scott@linestop.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>License #:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All American Asphalt</td>
<td>267073</td>
<td>Mill Pave</td>
<td>4</td>
</tr>
<tr>
<td>PO Box 2229, Corona, CA 92878</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:dbastian@allamericanasphalt.com">dbastian@allamericanasphalt.com</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Do not list alternative subcontractors for the same work) (Use additional pages if needed)
PUBLIC WORKS CONTRACTOR REGISTRATION
(Pursuant to SB 854)

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal pursuant to Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work unless currently registered to perform public work pursuant to Section 1725.5 of the Labor Code. It shall not be a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Sections 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

BIDDERS AND THEIR SUBCONTRACTORS (listed on the Designation of Subcontractors List C-05) are to provide an extract (pdf) at time of bid showing active registration from the Public Works Contractor Registration online registration at https://efiling.dir.ca.gov/PWCR/Search

**************************************************************************************
SUBMIT BIDDER & SUBCONTRACTORS CONTRACTOR REGISTRATION EXTRACTS WITH BID PROPOSAL
**************************************************************************************

Example:

<table>
<thead>
<tr>
<th>Legal Name</th>
<th>Registration Number</th>
<th>County</th>
<th>City</th>
<th>Registration Date</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractors Name</td>
<td>0000000000</td>
<td>RIVERSIDE</td>
<td>Temecula</td>
<td>06/01/2015</td>
<td>06/30/2016</td>
</tr>
<tr>
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<td>Registration Number</td>
<td>County</td>
<td>City</td>
<td>License Type/Number(s)</td>
<td>Current Status</td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------------------</td>
<td>------------</td>
<td>----------</td>
<td>------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>ROBERTSON'S READY MIX, LTD.</td>
<td>1000038563</td>
<td>RIVERSIDE</td>
<td>CORONA</td>
<td>NONE:NONE</td>
<td>Active</td>
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<tr>
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<td>Registration Number</td>
<td>County</td>
<td>City</td>
<td>License Type/Number(s)</td>
<td>Current Status</td>
</tr>
<tr>
<td>---------------------</td>
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<tr>
<td>SUPERIOR PAVEMENT MARKINGS</td>
<td>1000001476</td>
<td>ORANGE</td>
<td>CYPRESS</td>
<td>CSLB:776306</td>
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</tr>
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<td>Registration Number</td>
<td>County</td>
<td>City</td>
<td>License Type/Number(s)</td>
<td>Current Status</td>
</tr>
<tr>
<td>-------------------------</td>
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<tr>
<td>CORRPRO COMPANIES, INC.</td>
<td>1000002963</td>
<td>OUT OF STATE</td>
<td>CHESTERFIELD</td>
<td>CSLB:754876</td>
<td>Active</td>
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<td>Legal Name</td>
<td>Registration Number</td>
<td>County</td>
<td>City</td>
<td>License Type/Number(s)</td>
<td>Current Status</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>--------------------</td>
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<td>---------------</td>
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</tr>
<tr>
<td>SOCAL STORMWATER RUNOFF SOLUTION SERVICES INC</td>
<td>1000056702</td>
<td>LOS ANGELES</td>
<td>LOS ANGELES</td>
<td>SIPT:C3483049</td>
<td>Active</td>
</tr>
<tr>
<td>Legal Name</td>
<td>Registration Number</td>
<td>County</td>
<td>City</td>
<td>License Type/Number(s)</td>
<td>Current Status</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------</td>
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<tr>
<td>GAF CONCRETE CUTTING, INC.</td>
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<td>LOS ANGELES</td>
<td>SANTA FE SPRINGS</td>
<td>CSLB:590310</td>
<td>Active</td>
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<tr>
<td>Legal Name</td>
<td>Registration Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>--------------</td>
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<td>INCOMPLI INC</td>
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<table>
<thead>
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<th>County</th>
<th>City</th>
<th>License Type(s)</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORANGE</td>
<td>LAGUNA HILLS</td>
<td>Home Insure</td>
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<table>
<thead>
<tr>
<th>Current Status</th>
<th>Registration Date</th>
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<td>06/22/2018</td>
</tr>
<tr>
<td>Legal Name</td>
<td>Registration Number</td>
</tr>
<tr>
<td>----------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>MORETRENCH AMERICAN CORPORATION</td>
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<tr>
<td>Legal Name</td>
<td>Registration Number</td>
</tr>
<tr>
<td>-------------------</td>
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</tr>
<tr>
<td>NATIONAL CORROSION</td>
<td>1000045510</td>
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<tr>
<td>Legal Name</td>
<td>Registration Number</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>WESTERN OILFIELDS SUPPLY COMPANY</td>
<td>1000007030</td>
</tr>
</tbody>
</table>
CONTRACTOR'S LICENSING STATEMENT

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of contractors. The representations made herein and in the proposal documents are made under penalty of perjury. The undersigned is hereby representing that he is properly licensed both at the time that he submits a bid as well as at the time the contract is awarded, if the contract is awarded to the undersigned.

CONTRACTOR'S CLASSIFICATION  A - General Engineering Contractor

LICENSE NUMBER  777391  TYPE  A  EXPIRATION DATE  4/30/2020

A. INDIVIDUAL CONTRACTOR

| NAME OF INDIVIDUAL CONTRACTOR: | n/a |
| BUSINESS ADDRESS: | |
| PHONE NUMBER: | |
| SIGNATURE OF OWNER: | |

B. FIRM OR PARTNERSHIP

| NAME OF FIRM OR PARTNERSHIP: | n/a |
| BUSINESS ADDRESS: | |
| PHONE NUMBER: | |
| SIGNATURE(S) & TITLE OF MEMBERS SIGNING ON BEHALF OF THE PARTNERSHIP: |
| SIGNATURE: | TITLE: |
| SIGNATURE: | TITLE: |
| SIGNATURE: | TITLE: |

C. CORPORATION

| NAME OF CORPORATION: | James W. Fowler Co. |
| BUSINESS ADDRESS: | 12775 Westview Drive, Dallas, OR 97338 |
| PHONE NUMBER: | (503) 623-5373 |
| SIGNATURE OF AUTHORIZED OFFICER OF CORPORATION: |
| SIGNATURE: | /James W. Fowler |
| TITLE: | President |
NON-COLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the ______________ of ____________, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or of any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _______________[date], at _______________[city], _______________[state]

Signed: __________________________

Name: __________________________

(Print Name Here)
IRAN CONTRACTING ACT CERTIFICATION

Pursuant to the Iran Contract Act of 2010 (Public Contract Code 2200-2208), Vendors/Bidders are ineligible to bid on or submit a proposal for any contract with a public entity for goods or services of one million dollars ($1,000,000) or more if the Vendor/Bidder engages in investment activities in Iran.

MUST BE SUBMITTED WITH BID PROPOSAL IF BID AMOUNT IS $1,000,000 OR MORE

Prior to bidding on, submitting a proposal, or executing a contract or renewal for a public entity contract for goods or services of $1,000,000 or more, a vendor must either: a) certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending $20,000,000 or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of $250,000 or twice the amount of the contract for which the false certification was made, contract termination, and three-year ineligibility to bid on contracts. (Pub. Cont. Code § 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is not on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars ($20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

<table>
<thead>
<tr>
<th>Vendor Name/Financial Institution (Printed)</th>
<th>Federal ID Number (or n/a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>James W. Fowler Co.</td>
<td>93-5677813</td>
</tr>
</tbody>
</table>

By (Authorized Signature)

<table>
<thead>
<tr>
<th>Printed Name and Title of Person Signing</th>
<th>Date Executed</th>
</tr>
</thead>
<tbody>
<tr>
<td>James W. Fowler, President</td>
<td>November 1, 2018</td>
</tr>
</tbody>
</table>

C13-3 00046 Iran Contracting Act Certification
**OPTION #2 – EXEMPTION**

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<table>
<thead>
<tr>
<th>Vendor Name/Financial Institution (Printed)</th>
<th>Federal ID Number (or n/a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>n/a</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>By (Authorized Signature)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Printed Name and Title of Person Signing</th>
<th>Date Executed</th>
</tr>
</thead>
</table>
All establishments covered by CCR Title 8 Section 14300 must complete this Annual Summary, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the Cal/OSHA Form 300 in its entirety. They also have limited access to the Cal/OSHA Form 301 or its equivalent. See CCR Title 8 Section 14300.35, in Cal/OSHA’s recordkeeping rule, for further details on the access provisions for these forms.

### Number of Cases

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of deaths</td>
<td>0</td>
</tr>
<tr>
<td>Total number of cases with days away from work</td>
<td>0</td>
</tr>
<tr>
<td>Total number of cases with job transfer or restriction</td>
<td>0</td>
</tr>
<tr>
<td>Total number of other recordable cases</td>
<td>0</td>
</tr>
</tbody>
</table>

### Number of Days

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of days of job transfer or restriction</td>
<td>0</td>
</tr>
<tr>
<td>Total number of days away from work</td>
<td>0</td>
</tr>
</tbody>
</table>

### Injury and Illness Types

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injuries</td>
<td>0</td>
</tr>
<tr>
<td>Skin disorders</td>
<td>0</td>
</tr>
<tr>
<td>Respiratory conditions</td>
<td>0</td>
</tr>
<tr>
<td>Poisonings</td>
<td>0</td>
</tr>
<tr>
<td>Hearing loss</td>
<td>0</td>
</tr>
<tr>
<td>All other Illnesses</td>
<td>0</td>
</tr>
</tbody>
</table>

Facility Information

- **Establishment name**: James W. Fowler Co.
- **Street**: 12775 Westview Drive
- **City**: Dallas
- **State**: OR
- **Zip**: 97338
- **Industry description**: Heavy Civil Construction & Tunnelling
- **Standard Industrial Classification (SIC)**: 1629

Employment Information

- **Annual average number of employees**: 20
- **Total hours worked by all employees last year**: 4,078

Sign here

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

- **Company executive**: James W. Fowler
- **Title**: President
- **Phone**: (503) 623-5373
- **Date**: September 12, 2018

*Past this Annual Summary from February 1 to April 30 of the year following the year covered by the form.*
C-17 Contractor’s Cal/OSHA Compliance History and SIC Code
THIS DOCUMENT IS TO BE SUBMITTED WITH THE PROPOSAL PACKAGE AT TIME OF BID

Bid Date: November 1, 2018  
Contractor’s Standard Industry Code: 1629

<table>
<thead>
<tr>
<th>Specification No.</th>
<th>1307P</th>
<th>Project Name:</th>
<th>Temecula Valley Recycled Water Pipeline</th>
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</thead>
<tbody>
<tr>
<td>Contractor name:</td>
<td>James W. Fowler Co.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor Address:</td>
<td>12775 Westview Drive, Dallas, OR 97338</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor License No.</td>
<td>777391</td>
<td>Phone No:</td>
<td>(503) 623-5373</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>John B. Fowler, Executive Vice President</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please answer the following questions:

1. Has the Contractor been cited by Cal/OSHA or any regulatory agency for a violation related to safety or environmental issues within the past seven (7) years?  

   No □  Yes ☑

   If yes, please attach all documentation specific to each violation and what actions have been taken to ensure that there is not a repeat violation.

2. Has the Contractor had a fatality or serious incident per Cal/OSHA on a jobsite within the past ten (10) years?  

   No □  Yes ☑

   If yes, please attach all documentation specific to each violation and what actions have been taken to ensure that there is not a repeat violation.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Contractor’s Representative signature:  

James W. Fowler, President  
Date: 11/1/2018

Failure to fully divulge, complete and submit this form “may” deem your bid non-responsive

FOR EMWD USE ONLY:  
Field Engineering to forward to Risk Management for review

Approved:  
No □  Yes ☑

Reviewed by Risk Management  
(signature required)  
Date:

Return to (Field Eng,CAR)  
By:

cc: Construction Administrator  
File: C-17 Contractor’s Compliance History

C17-2  
00052 CalOsha Compliance History & SIC Code
### JAMES W. FOWLER CO.

**OSHA Citation History**

<table>
<thead>
<tr>
<th>ISSUANCE</th>
<th>STATE</th>
<th>INSPECTION SITE</th>
<th>CATEGORY</th>
<th>TYPE</th>
<th>VIOLATION</th>
<th>RESOLUTION</th>
<th>FINE</th>
<th>CITATION NO</th>
<th>APPEAL DATE</th>
<th>FINAL FINE</th>
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</thead>
<tbody>
<tr>
<td>6/5/2017</td>
<td>WA-OSHA</td>
<td>Rainier Valley Wet Weather Storage Project</td>
<td>CONFINED SPACE</td>
<td>SERIOUS</td>
<td>WAC 296-805-20008 The contractor is responsible for following all confined space requirements.</td>
<td>Smart Safety Group was hired to ensure Confined Spaces standards being followed at the site are in compliance.</td>
<td>$ 900</td>
<td>317944800</td>
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<td></td>
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<tr>
<td>4/3/2017</td>
<td>WA-OSHA</td>
<td>Suywayside Wall Treatment Facility Project</td>
<td>FALL PROTECTION</td>
<td>OTHER</td>
<td>WAC 296-155-24811 (3) Fall protection work plan. You must develop and implement a written fall protection work plan where fall hazards of 10 feet or more exist.</td>
<td>Smart Safety Group was hired to ensure the fall protection to implement the written fall protection work plan at the site is in compliance.</td>
<td>-</td>
<td>31794408</td>
<td>4/27/2017</td>
<td>-</td>
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<tr>
<td>4/3/2017</td>
<td>WA-OSHA</td>
<td>Suywayside Wall Treatment Facility Project</td>
<td>FIRST AID CERTIFICATION</td>
<td>OTHER</td>
<td>WAC 296-155-192 (2) All crew leaders, supervisors or persons in direct charge of one or more employees must have a valid first aid certification.</td>
<td>First Aid Training was provided to all employees at the site.</td>
<td>-</td>
<td>31794408</td>
<td>4/27/2017</td>
<td>-</td>
</tr>
<tr>
<td>4/3/2017</td>
<td>WA-OSHA</td>
<td>Suywayside Wall Treatment Facility Project</td>
<td>FALL PROTECTION</td>
<td>SERIOUS</td>
<td>WAC 296-805-20043 (4) Working from the Platform. Persons on the platform must wear a full body harness with a tamarind attached.</td>
<td>Fall protection equipment was supplied to all employees.</td>
<td>$ 2,199</td>
<td>317944998</td>
<td>4/27/2017</td>
<td>1,575</td>
</tr>
<tr>
<td>4/3/2017</td>
<td>WA-OSHA</td>
<td>Suywayside Wall Treatment Facility Project</td>
<td>FALL PROTECTION</td>
<td>SERIOUS</td>
<td>WAC 296-155-24811 (18) Working from the Platform person used another device to gain additional height or reach.</td>
<td>Fall protection training was supplied to all employees.</td>
<td>$ 4,300</td>
<td>317944308</td>
<td>4/24/2017</td>
<td>3,150</td>
</tr>
</tbody>
</table>
JWF Major Accident Report

James W. Fowler Co. has never had a major accident or fatality involving its employees at a job site. In June of 2015, Foxfire, Inc., a subcontractor for James W. Fowler Co. had a major accident that resulted in a fatality.

At approximately 7:45 a.m. on June 24, 2015, Employee #1 and a coworker were attempting to pull free a stuck skin of a micro tunnel boring machine approximately 1,250 feet in from a tunnel portal. The winch was welded down to a pair of 12 inch wide flange thrust beams that were buried in the concrete of the jacking pit floor. A pair of chains anchored the winch by connecting at the two rear pad eyes on the winch rear base and then wrapped around the steel push block at the rear of the pit just behind the winch base. The 1,250 feet of wire rope was a 1.25 inch diameter 6 strands. Employee #1 was operating a 50,000 pound line pull winch, when the winch broke loose from its mounting base, catapulting the winch and Employee #1 more than 40 feet to the front of the jacking pit striking the pit support steel. Employee #1 was killed.

James W. Fowler Co. did not incur any fines or OSHA violations for this incident.

Project Name: Upper Narrows Pipeline Replacement
Owner: Victor Valley Wastewater Reclamation Authority
Subcontractor: Foxfire, Inc.
Case Number: 1073048.015
Accident Date: 6/24/2015
OSHA Violation: None
Fines: None
Accident Description: Fatality on job site
Contact: Alton Anderson, (760) 948-9849
EASTERN MUNICIPAL WATER DISTRICT
BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we James W. Fowler Co.
(Here insert full name and address or legal title of Contractor)

12775 Westview Drive, Dallas, OR 97338 as Principal, hereinafter called the Principal, and

Liberty Mutual Insurance Company. 2233 112th Ave. N.E., Bellevue, WA 98004
(Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of Massachusetts as Surety,
hereinafter called the Surety, are held and firmly bound unto Eastern Municipal Water District
Obligee, hereinafter called the Obligee, in the sum of Ten Percent (10%) of Total Amount
of the Bid—Dollars (_______________), for the payment of which sum well and truly to be made, the said Principal and the
said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally
firmly by these presents.

WHEREAS, the Principal has submitted a bid, dated November 1, 2018, for ______________

Temecula Valley Recycled Water Pipeline, Temecula, CA, Specification No. 1307P
(Here insert full name, address and description of Project)

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract
with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the
bidding of Contract Documents with good and sufficient surety for the faithful performance of such Contract
and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the
failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the
Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such
larger amount for which the Obligee may in good faith contract with another party to perform the Work covered
by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

In the event suit is brought upon this Bond by Obligee and judgement is recovered, the Surety shall pay all costs
incurred by Obligee in such suits to be fixed by the court.

Signed and sealed this 25th day of October, 2018

CONTRACTOR AS PRINCIPAL
Company: James W. Fowler Co.

Signature: __________________________________________________________________________
Name: John B. Fowler
Title: Executive Vice President

SURETY
Company: Liberty Mutual Insurance Company

Signature: __________________________________________________________________________
Name: Roger Kaltenbach
Title: Attorney-in-Fact
CA Lic. #0155552

This Bid Bond (BB-1) form shall be submitted to be considered a responsive bid
Notary Public Acknowledgment required for Surety and Contractor
ACKNOWLEDGMENT BY SURETY

State of Washington
County of King

On this 25th day of October, 2018, before me, Deanna M. French, notary public in and for the State of Washington, with principal office in the County of King, residing therein, duly commissioned and sworn, personally appeared Roger Kaltenbach, known to me to be the person whose name is subscribed to the within instrument as the attorney-in-fact of Liberty Mutual Insurance Company as surety in said instrument, and acknowledged to me that she subscribed the name of said corporation thereto as surety, and her own name as attorney-in-fact.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.

NOTARY PUBLIC

[Signature]
Commission Expires: 04/01/2022
Notarial Acknowledgement of Execution by Signatory

State of Oregon
County of Polk

On this 1st day of November, 2018, before me, Sondra Lee Jameson, notary public in and for the state of Oregon, with principal office in the County of Polk, residing therein, duly commission and sworn, personally appeared, James W. Fowler, known to me to be the person whose name is subscribed to the within instrument as the President of the James W. Fowler Co. and acknowledged to me that he subscribed his own name on the Bidder's Bond Signature Page for Temecula Valley Recycled Water Pipeline - Specification No. 1307P.

IN WITNESS WHEREOF, I have unto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.

NOTARY PUBLIC

My Commission Expires June 21, 2020
This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

POWDER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Guy Armfield, John Clays, Scott Fisher, Nicholas Fredericks, Deana M. French, Elizabeth R. Hahn, Roger Kallenbach, Ronald J. Lange, Andrew P. Larsen, Susan B. Larson, Scott McGilvray, Mindie L. Rankin, Jana M. Roy

all of the city of Bellevue state of Washington each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 11th day of September, 2018.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By:

David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY

On this 11th day of September, 2018 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

Teresa Pastella, Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney:
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article shall be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings:
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 25th day of October, 2018.

By:

Renee C. Llewellyn, Assistant Secretary