

# SOUTH LAREDO LIFT STATION

Solicitation Number: CO-00561 Job No.: 22-2503

# **ADDENDUM 1 June 21, 2022**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications, and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

# **CHANGES TO THE PLANS**

**1.** Sheet D-6 (17A of 51) has been <u>ADDED</u>.

# CHANGES TO THE SPECIFICATIONS

- 1. Technical Specification Section 02826 High Security Fence and Access Gate has been ADDED.
- 2. Due to updates in the General Wage Decisions for Building Construction Type, remove the wage decision documents from the solicitation in entirety and replace with the revised version attached (rev. 6/17/2022 for General Decision Number TX 20220231). This version should be utilized by the awarded contractor for the project.

# **RESPONSE TO QUESTIONS**

1. Question: For Section 11312 – Wet Pit Submersible Grinder Pumps, would you consider allowing Liberty or Zoeller Grinder pumps as an equal to the specified Flygt? I believe we have good selections available from both manufacturers with only minor deviations from specified materials/construction.

Response: Contractor must use the manufacturers and equipment listed in the Schedule of Manufacturers and Vendors included in the Contract Documents. Deviations will not be accepted.

#### **END OF ADDENDUM**

This Addendum, including this one (1) page, is fifteen (15) pages with attachments in its entirety.

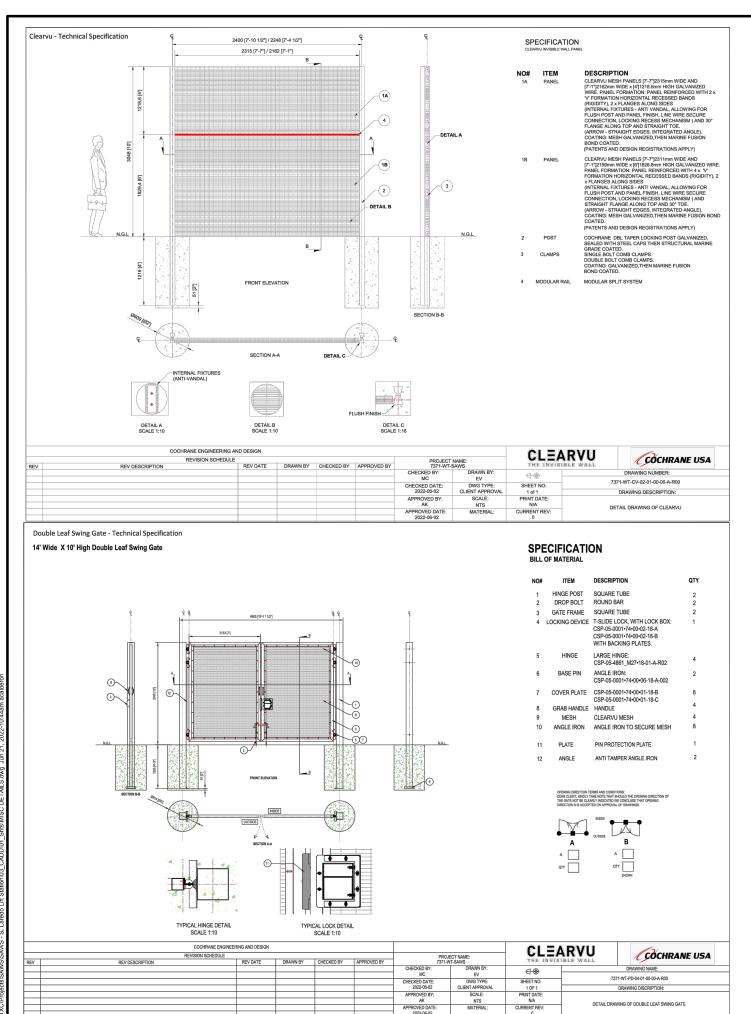
#### Attachments:

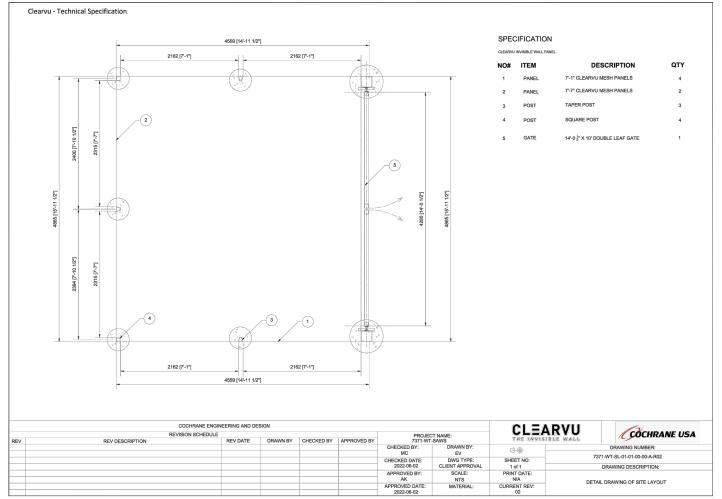
- Sheet D-6 (17A of 51) Miscellaneous Detail 6
- Section 02826 High Security Fence and Access Gate
- General Wage Decisions for Building Construction Type

06/21/2021

Aja Jade Calderon, P.E. BGE, Inc.

TBPE Registration No. F-1046





NOILE:

1. CONTRACTOR IS REQUIRED TO HAVE A PROFESSIONAL ENGINEER REGISTERED IN THE STATE
OF TEXAS DESIGN THE CONCRETE EMBEDMENT FOR THE FENCE POSTS. COSTS ASSOCIATED
WITH THE FENCE, ACCESS GATE, AND FENCE POST FOUNDATION DESIGN AND INSTALLATION
SHALL BE INCLUDED IN THE BASE BID.



BGE, Inc. 7330 San Pedro, Suite 202 San Antonio, Tx 78216 Tel: 210-581-3600 • www.bgeinc.com TBPE Registration No. F-1046							
No.	Revi	sion	Drawn	Approved	Date		
REVISIONS							
		L	OUTH LAREDO LIFT STATION LANEOUS DETAIL 6				
	VELOPER:						
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	DMITTED	•					

DR. EAB CK. AH JOB No. 22-2503 17A 0F 51

SHEET

D-6

APPROVED

MAP No.

SECT. No.

# SECTION 02826 HIGH SECURITY FENCE AND ACCESS GATE

#### PART 1 – GENERAL

- 1.01 SCOPE
  - A. This specification covers material requirements and installation of security fencing for the SAWS South Laredo Lift Station project.
- 1.02 RELATED DOCUMENTS
- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions apply to this section.
- 1.03 SUMMARY
- A. This specification covers the selection of metallic fence systems to delay unwanted access into facilities. Security fence shall conform to specified standard sizes and dimensions noted in this specification.
- 1.04 REFERENCE STANDARDS
- A. ASTM F2781 Standard Practice for Testing Forced Entry
- B. ASTM A123/A123M Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
- C. ASTM A307 Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60000 PSI Tensile Strength
- D. ASTM B117 Practice for Operating Salt Spray (Fog) Apparatus
- E. ASTM F934 Specification for Colors for Polymer-Coated Chain Link Fence Materials
- F. ASTM F1043 Specification for Strength and Protective Coatings on Steel Industrial Fence Framework
- G. ASTM F1083 Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures
- H. ASTM F1267 Specification for Metal, Expanded, Steel
- I. ASTM F2453/F 2453M Standard Specification for Welded Wire Mesh Fence Fabric
- J. ASCE/SEI 7-05 Minimum Design Loads for Buildings and Other Structures

# 1.05 PERFORMANCE REQUIREMENTS

- A. Delegated-Design Submittal: For fence framework indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the manufacturer's professional engineer registered in the state of Texas.
- B. Structural Performance: Fence framework shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated according to ASCE.
- C. Minimum Post Size: Determine according to ASTM F 1043 for framework up to 10 feet high, and post spacing not to exceed 11 feet.
  - 1. Wind Load: 90 MPH.
  - 2. Exposure Category: C
  - 3. Fence Height: 10 feet high

# 1.06 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified factory-authorized service representative.
- B. Product Certificates: For each type of fence, operator, and gate, from manufacturer.
- C. Product Test Reports: For fence resistance testing according to ASTM F 2781-10.
- D. Field quality-control reports.

#### 1.07 SPARE MATERIALS

Provide 3% spare materials for all fence components including but not limited to fence panels, posts, and hardware for equipment that is damaged during shipping, storage, installation or after the construction is completed.

# 1.08 PROJECT CONDITIONS

Field Measurements: Verify layout information for fences and gates shown on Drawings in relation to property survey and existing structures. Verify dimensions by field measurements.

#### 1.09 SCHEDULING DELIVERIES TO THE SITE

Provide 3-day advance notice of all deliveries to the site so that appropriate arrangements can be made for unloading the materials.

#### 1.10 WARRANTY

Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of security fences and gates that fail in materials or workmanship within specified warranty period.

- A. Failures include, but are not limited to, the following:
- B. Deflection of fence material beyond design limits.
- C. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
- D. Faulty operation of gate operators and controls.
- E. Warranty Period: Five years from date of Substantial Completion.

#### PART 2 - PRODUCTS

# 2.01 FENCE MATERIAL

Fence material: The fence shall be Cochrane ClearVu, Ameristar Wireworks Anti-Climb, or an approved equal product that provides the anti-climb and anti-cut characteristics. All sections and pieces of the fence material, rails, framing, etc. shall be hot galvanized. The galvanizing process shall meet ASTM A123/A123M standards.

#### A. Panel:

- 1. Panels shall be of 7'-7" width and 7'-1" width, both 10' in height.
- 2. Panel aperture size (centers) shall be 3" x ½".
- 3. The panel shall be reinforced with 4 x 2" deep 'V' formation horizontal recessed bends (rigidity).
- 4. Panel shall have  $2 \times 70^{\circ}$  flanges along sides (internal fixtures- all fixtures shall be on the inside of fence line).
- 5. Panel shall have 2 x 30° flange along top and toe (integrated rigid angle, antiscale locking device).
- 6. Panel post shall have a flush panel post finish with no climbing aid.
- 7. The panel shall be affixed to the post over 48 line wires using a combination of double and single bolt comb clamps and fixed with anti-vandal bolts.
- 8. Anti-vandal clamp covers fixed with epoxy fluid bolts.
- 9. Panel and fixtures shall be galvanized then Marine Grade Coated (acid modified). The fence panels shall be provided so that limited field cutting and finish patch

work is required in the field. Supply additional galvanizing material for touching up the fence system on site. Ensure all areas and components of the fence and gates are properly coated.

10. The fence wall shall have a visibility index of 36%.

#### 2.02 SECURITY FENCE FRAMING

Posts and Rails: Comply with ASTM F 1043 for framing, including rails, braces, and line; terminal; and corner posts.

#### A. Post:

- 1. Post shall be 10' long Post.
- 2. Post shall include 'Locking Recess Mechanism' to secure panel edge.
- 3. Post shall be sealed with a cap.
- 4. Post finish shall be galvanized then Marine Grade coated.

#### 2.03 FITTINGS

- A. General: Comply with ASTM F 626.
- B. Post Caps: Provide caps for every post and opening in the top of the fence structure.
- C. Rail and Brace Ends: For each gate, corner, pull, and end post.
- D. Finish: All fittings shall match the finish of the fence system.

#### **PART 3 - EXECUTION**

# 3.01 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, pavement work, and other conditions affecting performance of the Work.
  - 1. Do not begin installation before final grading is completed unless otherwise permitted by the Owner.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

# 3.02 PREPARATION

- A. Contractor is responsible for locating existing underground obstacles.
- B. Contractor shall stake the 15' x 16' fence perimeter around lift station site.

# 3.03 INSTALLATION, GENERAL

- A. Install fencing to comply with ASTM F2781-10 and more stringent requirements specified. Install fencing on established boundary lines inside property line.
- B. Contractor shall be responsible for cleaning the jobsite of excess materials; excavation materials shall be located away from the job site by the contactor.

#### 3.04 FENCE INSTALLATION

- A. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacing indicated, in firm, undisturbed soil.
- B. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
  - 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
  - 2. Concrete Fill: Place concrete around posts and in trench to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
    - a. Exposed Concrete: Post concrete is to be finished at the same elevation as concrete grade beam; shape and smooth to shed water.
    - b. Posts Set into Concrete in Sleeves: Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with non-shrink grout mixed and placed to comply with anchoring material manufacturer's written instructions, and finished sloped to drain water away from post.
  - 3. Terminal Posts: Locate and install terminal end, corner, and gate posts.
  - 4. Line Posts: Space line posts uniformly.
  - 5. Fasteners: Install security bolts for securing the fence panels to the posts. All fasteners shall be installed on the secured side of the fence.

# 3.05 SIGNAGE

Contractor shall be responsible for installing new signage to the proposed high-security fence where a single layer of high-security fence will be installed. Provide additional signage as required by Owner. Lift station sign shall indicate lift station number and/or name, location address, and SAWS emergency phone number.

# PART 4 - MEASUREMENT AND PAYMENT

# 4.01 MEASUREMENT AND PAYMENT

A. The work performed, materials furnished and all labor, tools, equipment and incidentals necessary to complete the work under this item will not be measured or paid for directly, but shall be considered subsidiary to the lump sum bid item of the contract.

**END OF SECTION** 

"General Decision Number: TX20220231 06/17/2022

Superseded General Decision Number: TX20210231

State: Texas

Construction Type: Building

County: Bexar County in Texas.

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

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

|If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an |. The contractor must pay option is exercised) on or after January 30, 2022:

- . Executive Order 14026 generally applies to the contract.
- all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2022.

If the contract was awarded on . or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:

- Executive Order 13658 generally applies to the contract.
- The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at https://www.dol.gov/agencies/whd/government-contracts.

Modification Number

Publication Date

0

01/07/2022 02/18/2022

3 04/1	5/2022 5/2022 7/2022	
ASBE0087-014 06/07/2021		
	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation)	\$ 25.22	10.17
BOIL0074-003 01/01/2021		
	Rates	Fringes
BOILERMAKER		24.10
ELEC0060-003 06/01/2021		
	Rates	Fringes
ELECTRICIAN (Communication Technician Only)		18%+5.45
ELEC0060-004 06/01/2021		
	Rates	Fringes
Voltage Wiring)	\$ 30.75	18%+5.45
ELEV0081-001 01/01/2022	Datas	Fuinne
ELEVATOR MECHANIC	Rates	Fringes
	\$ 44.80	36.885+a+0
FOOTNOTES:  A. 6% under 5 years based on hours worked. 8% over 5 years for all hours worked.		
B. Holidays: New Year's Day Labor Day; Thanksgiving Day Christmas Day; and Veterans	; Friday after	
ENGI0450-002 04/01/2014		
		Fringes
ENGI0450-002 04/01/2014  POWER EQUIPMENT OPERATOR  Cranes	Rates \$ 34.85	
ENGI0450-002 04/01/2014 POWER EQUIPMENT OPERATOR	Rates \$ 34.85	Fringes
ENGI0450-002 04/01/2014  POWER EQUIPMENT OPERATOR  Cranes	Rates \$ 34.85	Fringes
ENGI0450-002 04/01/2014  POWER EQUIPMENT OPERATOR Cranes*  * IRON0066-013 06/01/2022  IRONWORKER, STRUCTURAL	Rates \$ 34.85  Rates \$ 25.25	Fringes 9.85Fringes

Rates

Fringes

02/25/2022

2

IRONWORKER, ORNAMENTAL\$		7.56
PLUM0142-009 07/01/2020		
	Rates	Fringes
HVAC MECHANIC (HVAC		
Electrical Temperature Control Installation Only)\$ HVAC MECHANIC (HVAC Unit	30.25	13.36
<pre>Installation Only)\$ PIPEFITTER (Including HVAC</pre>	30.25	13.36
Pipe Installation)\$ Including HVAC Pipe Installation	31.90	13.76
PLUMBER (Excludes HVAC Pipe Installation)\$ Excludes HVAC Pipe Installation	31.90	13.76
SFTX0669-002 04/01/2021		
1	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers)\$	31.68	22.50
SHEE0067-004 04/01/2022		
1	Rates	Fringes
Sheet metal worker Excludes HVAC Duct Installation\$	27 89	16.25
HVAC Duct Installation Only.\$	27.89	16.25
* SUTX2014-006 07/21/2014		
1	Rates	Fringes
BRICKLAYER\$	22.15	0.00
CARPENTER (Acoustical Ceiling Installation Only)\$	17.83	0.00
CARPENTER (Form Work Only)\$	13.63 **	0.00
CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal		
Stud Installation\$	16.86	4.17
CAULKER\$	15.00	0.00
CEMENT MASON/CONCRETE FINISHER\$		5.30
DRYWALL FINISHER/TAPER\$	13.81 **	0.00
DRYWALL HANGER AND METAL STUD INSTALLER\$	15.18	0.00
ELECTRICIAN (Low Voltage Wiring Only)\$	20.39	3.04
IRONWORKER, REINFORCING\$	12.27 **	0.00

LABORER: Common or General\$	10.75 **	0.00
LABORER: Mason Tender - Brick\$	11.88 **	0.00
LABORER: Mason Tender - Cement/Concrete\$	12.00 **	0.00
LABORER: Pipelayer\$	11.00 **	0.00
LABORER: Roof Tearoff\$	11.28 **	0.00
LABORER: Landscape and Irrigation\$	8.00 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe\$	15.98	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader\$	14.00 **	0.00
OPERATOR: Bulldozer\$	14.00 **	0.00
OPERATOR: Drill\$	14.50 **	0.00
OPERATOR: Forklift\$	12.50 **	0.00
OPERATOR: Grader/Blade\$	23.00	5.07
OPERATOR: Loader\$	12.79 **	0.00
OPERATOR: Mechanic\$	18.75	5.12
OPERATOR: Paver (Asphalt, Aggregate, and Concrete)\$	16.03	0.00
OPERATOR: Roller\$	12.00 **	0.00
PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping\$	13.07 **	0.00
ROOFER\$	12.00 **	0.00
TILE FINISHER\$	11.32 **	0.00
TILE SETTER\$	14.94 **	0.00
TRUCK DRIVER: Dump Truck\$	12.39 **	1.18
TRUCK DRIVER: Flatbed Truck\$	19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck\$	12.50 **	0.00
TRUCK DRIVER: Water Truck\$	12.00 **	4.11

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

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<sup>\*\*</sup> Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$15.00) or 13658 (\$11.25). Please see the Note at the top of the wage

determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at

https://www.dol.gov/agencies/whd/government-contracts.

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

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

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

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

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

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

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request

review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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

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

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

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

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

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END OF GENERAL DECISIO"