

# Addendum No. 1

8/10/2020

## **WATER TREATMENT FACILITY** City of Appleton, MN

Apex Project No. #19.403.0165

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**This Addendum shall be considered part of the Contract Documents. Receipt of Addendum shall be acknowledged by Bidder on the outside of the Bid Envelope. Failure to acknowledge the Addendum shall render the bid non-responsive.**

### **Specifications**

#### **Section 00520 – Agreement Between Owner and Contractor for Construction Contract (Stipulated Price)**

Paragraph 4.02.A.1: In the first sentence, CHANGE the following: ‘...the demolition of existing facilities...’ to ‘...the demolition of the existing house and garage...’

#### **Section 00820 – Additional Articles**

US Department of Labor Wage and Hour Division Davis-Bacon Prevailing Wages: REPLACE Wage Decision with attached *General Decision Number: MN202000098 dated 07/03/2020*

#### **Section 01010 – Summary of Work**

Add the following Paragraph 1.08.B.3: ‘The Contractor may use portions of the school-owned property directly south of the project site, subject to provisions of Sections 01015 and 01046 of the Specifications. The Contractor shall coordinate directly with the school. Any disturbed property shall be restored to the satisfaction of the school.’

#### **Section 01015 – Sequence and Constraints of Construction**

CHANGE Paragraph 1.03.B.5 to read as follows: ‘Contractor shall take extra precautions when working near school grounds, including fencing, site security, and signing as agreed upon by the Owner, Engineer, and school officials.’

ADD the following Paragraph 1.03.B.11: 'The Contractor will be required to file and pay for a building permit with the City of Appleton. Contact information is as follows: Mr. Michael Jacobson, 320-808-3457, [jacobsonjl@juno.com](mailto:jacobsonjl@juno.com) . The City of Appleton has adopted the 1997 Unified Building Code building permit fee schedule.'

### **Section 02620 – Pitless Unit**

Revise Section 02620 language as indicated below. Revisions are indicated in **bold**.

#### 2.02 PITLESS UNIT SPECIFICATIONS

##### A. General

1. The Pitless Unit shall be a Baker Manufacturing Company, Monitor Division 12" ~~Custom Standard~~ Pitless Unit - NSF 61 Certified and should be factory assembled, before shipping to the site.

#### 2.02 PITLESS UNIT SPECIFICATIONS

##### F. Hold-Down Mechanism

1. The Pitless Unit spool should have a hold down mechanism, factory assembled to spool and capable of preventing rotation of the pitless spool relative to the discharge body, at full rated locked rotor torque of the submersible pump motor. The spool must also have a factory assembled lift out pipe and bail, or spider capable of ~~68,000 lbs~~ **48,000 lbs** rated load, to allow lifting a water filled drop pipe and pump out of the well for service.

ADD the following as new Subsection 2.02 Part G-1 to Section 02620- Pitless Unit as listed below. Additions are indicated in **Bold**.

#### 2.02 PITLESS UNIT SPECIFICATIONS

##### **G. Discharge Connection**

1. **Discharge connection shall be 6" Mechanical Joint with Sleeve for DIP.**

### **Section 05510 – Metal Stairs**

CHANGE Paragraph 2.01.C.5.a to read as follows:

*Rails: 1 ½" (38.1 mm) diameter x 13 gage (2.3 mm) minimum round steel tube, continuous, equally spaced clearance between rails and with a minimum extension per code at top and bottom risers. Wrap rail continuously past space between flights to form guardrail as required by building code. Terminate rail ends with radiused returns, newel posts or safety terminations approved by local code. Provide not less and 1 ½' (38.1 mm) clearing between rail and wall.*

### **Section 05730 – Decorative Metal Railings**

CHANGE Paragraph 2.06.A.1 to read as follows:

*Panel to be McNichols Perforated Metal, Round, 3003-H14 (14 Gauge) or equal.*

### **Section 08710 – Door Hardware**

3.06 Hardware Schedule: DELETE references to door numbers is hardware sets. Refer to the door schedule in the Plans for hardware designations.

## Section 11212– Submersible well pump

Revise Section 11212 as indicated below. Revisions are indicated in **bold**.

### 2.02 OPERATING CONDITIONS

#### A. Well Pump

5. ~~Motor: 1730 rpm,~~ **Maximum 40hp, NEMA premium efficiency, ODP, inverter duty rated. Motor shall be non-overloading across the entire pump curve**

### 2.03 OPERATING CONDITIONS

#### F. Column

2. Column pipe in sizes 4” through 12” diameter shall be furnished in interchangeable sections not over ~~ten~~ approximately twenty feet in length, and shall be connected with threaded, sleeve-type couplings

Section 11212– Submersible well pump

DELETE the following: 2.03 F.3

DELETE the following subsections: 2.03.G, 2.03.H, 2.03.I, 2.03.J.

## Section 10523 – Fire Extinguishers, Cabinets, and Accessories

CHANGE Paragraph 2.03.A to read as follows: ‘Provide steel fire extinguisher cabinet with pull handle, plexiglass window, and clean white enamel finish. Cabinet shall be adequately sized to house extinguishers and shall not stick out more than 6” from the wall.

3.03.A: CHANGE ‘Bracket Mounted’ to ‘Surface Mounted Cabinet’

## Section 11201 – Process Piping

ADD the following Paragraph 2.15:

### 2.15 Rubber Expansion Joint

- A. Rubber expansion joints shall allow for misalignment, transverse and angular motion and shall be manufactured by Mercer Rubber Company, or equal.
- B. Joints shall be a smooth, leak-proof tube with ductile back-up ring, suitable for mating up with ductile iron piping as shown on the drawings. Joints shall be provided with the manufacturer’s standard control rods and shall be field paintable.
- C. Expansion joints shall be of a material compatible with the service medium, as recommended by the expansion joint manufacturer.

## Section 11800 – Steel Gravity Filters

CHANGE Paragraph 2.08.B to read as follows: ‘Filter media shall consist of a 3” layer of torpedo sand having an effective size within the range of 0.5 mm to 0.6 mm and a uniformity coefficient not exceeding 1.6. A dual media filter bed shall be provided consisting of a 12” depth of manganese greensand plus media having an effective size within the range of 0.30 mm to 0.35 mm and a uniformity coefficient not exceeding 1.6 and a 18” depth of anthracite media having an effective size within the range of 0.8 mm to 1.0 mm and a uniformity coefficient not exceeding 1.3.’

## **Section 16231 – Packaged Engine Generator**

In Paragraph 2.03.B.5.b, CHANGE '12 hours' to '24 hours'

DELETE Paragraph 2.03.B.6 in its entirety.

## **Section 16413 – Enclosed Transfer Switches**

REPLACE Paragraph 1.01.B with the following: 'Automatic Transfer Switch'

REPLACE Paragraph 2.03 with the following:

### **2.03 AUTOMATIC TRANSFER SWITCH**

- A. Description: Transfer switches with automatically initiated transfer between sources; electrically operated and mechanically held.
- B. Control Functions:
  - 1. Automatic Mode
  - 2. Test Mode: Simulates failure of primary/normal source.
  - 3. Voltage and Frequency Sensing:
    - a. Undervoltage sensing for each phase of primary/normal source; adjustable dropout/pickup settings.
    - b. Undervoltage sensing for alternate/emergency source; adjustable dropout/pickup settings.
    - c. Underfrequency sensing for alternate/emergency source; adjustable dropout/pickup settings.
  - d. Outputs:
    - i. Contacts for engine start/shutdown (except where direct generator communication interface is provided).
    - ii. Auxiliary contacts; one set(s) for each switch position.
    - iii. Signal before transfer (load disconnect) contacts; for selective load disconnection prior to transfer.
  - e. Adjustable Time Delays:
    - i. Engine generator start time delay; delays engine start signal to override momentary primary/normal source failures.
    - ii. Transfer to alternate/emergency source time delay.
    - iii. Retransfer to primary/normal source time delay.
    - iv. Signal before transfer (load disconnect) contact time delay.
    - v. Engine generator cooldown time delay; delays engine shutdown following retransfer to primary/normal source to permit generator to run unloaded for cooldown period.
  - f. In-Phase Monitor (Open Transition Transfer Switches): Monitors phase angle difference between sources for initiating in-phase transfer.
  - g. Engine Exerciser: Provides programmable scheduled exercising of engine generator selectable with or without transfer to load; provides memory retention during power outage.
  - h. Retransfer to Normal Switch: Bypasses time delays for retransfer to primary/normal source.
- 4. Status Indications:
  - a. Connected to alternate/emergency source.
  - b. Connected to primary/normal source.
  - c. Alternate/emergency source available.

- d. Primary/normal source available.
- 5. Other Features:
  - a. Event log.
  - b. Communications Capability: Compatible with system indicated. Provide all accessories necessary for proper interface.
  - c. Remote monitoring capability via PC.
- 6. Automatic Sequence of Operations:
  - a. Upon failure of primary/normal source for a programmable time period (engine generator start time delay), initiate starting of engine generator where applicable.
  - b. Where applicable, initiate signal before transfer (load disconnect) contacts at programmable time before transfer.
  - c. When alternate/emergency source is available, transfer load to alternate/emergency source after programmable time delay.
  - d. When primary/normal source has been restored, retransfer to primary/normal source after a programmable time delay. Bypass time delay if alternate/emergency source fails and primary/normal source is available.
  - e. Where applicable, initiate shutdown of engine generator after programmable engine cooldown time delay.”

## **Section 16950 – Instrumentation Devices**

ADD Paragraph 2.03.B, as follows:

- B. Ultrasonic Level
  - 1. General:
    - a. Continuous non-contact level measurement device with integral transmitter using ultrasonic echo sensing.
    - b. The transducer generates an ultrasonic pulse in the range of 12 to 70 kHz and measures the time required for the pulse to travel to the process surface and return. The level is measured based on constant velocity of sound in air with temperature compensation to adjust for velocity changes relative to temperature.
  - 2. Performance requirements:
    - a. Accuracy: 0.25 percent of range.
    - b. Repeatability: 0.2 percent of range.
    - c. Operating relative humidity range: 5 to 95 percent.
    - d. Operating temperature range: -5 to 122 degrees Fahrenheit (-20 to 50 degrees Celsius).
  - 3. Transducer:
    - a. Encapsulated in chemical- and corrosion-resistant material listed and labeled for the process application indicated on the drawings.
  - 4. Transmitter:
    - a. 24 VDC, 2-wire loop powered.
    - b. Isolated 4 -20mA output with HART communication protocol.
    - c. Liquid crystal display.
    - d. Electronic suppression for momentary spikes or losses of signal.
  - 5. Components
    - a. Mounting Threads: 2-inch NPT.
    - b. Conduit Connection: ½-inch NPT

- c. Enclosure Material: Polyurethane-covered Aluminum
- 6. Manufacturer (One of the following or approved equal):
  - a. Endress and Hauser, Prosonic M FMU Series
  - b. Rosemount 3102 Series”

ADD the following to Paragraph 2.04.A.6.c: ‘...or Rosemount 8750 Series.’

**Plans**

**Sheet 01.A.09**

Door Schedule: DELETE Door Schedule and INSERT the following Door Schedule:

<b>DOOR SCHEDULE</b>													
NO.	DOOR TYPE	FRAME TYPE	MALL WIDTH	DOOR SIZE			DETAILS			OPERATION	FIRE LABEL	HDM SET	REMARKS
				WIDTH	HEIGHT	THICK	HEAD	JAMB	SILL				
100	HM-1	F-1	1'-0"	4'-0"	7'-0"	1 3/4"	3/01.A.04	6/01.A.04	7/01.A.04	SWING	-	01	-
101	HM-2	F-2	7 5/8"	3'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
102	HM-1	F-2	7 5/8"	3'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	04	-
103	HM-1	F-3	7 5/8"	2'-0"/3'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	UNEVEN SWING	-	03	-
104	HM-1	F-2	7 5/8"	3'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
105A	HM-2	F-2	7 5/8"	4'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
105B	HM-2	F-2	7 5/8"	4'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
105C	HM-2	F-2	7 5/8"	4'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
105D	HM-2	F-2	7 5/8"	5'-0"	7'-0"	1 3/4"	3/01.A.07	4/01.A.07	-	SWING	-	02	-
106	HM-1	F-1	1'-0"	4'-0"	7'-0"	1 3/4"	3/01.A.04	6/01.A.04	7/01.A.04	SWING	-	01	-

**Sheet 01.E.08**

CHANGE ‘Main Feed’ on Panelboard Schedule LP1 to *MCB 200A*  
 CHANGE ‘Main Feed’ on Panelboard Schedule LP2 to *MCB 200A*

**Sheet 01.E.09**

CHANGE “Backwash Pump” Starter Size in the “Process Equipment Schedule” to “Size 2”  
 REPLACE first row of “Electrical Equipment Schedule” with the following information.

- ATS/Automatic Transfer Switch/480-3/600A/NEMA 3R/Surface/16413/Service Rated Open Transition/Integral Gen Receptacle/ /

ADD the following to the second row of “Electrical Equipment Schedule” in the “Construction Notes” column: “Locate Remote Annunciator in the Electrical Room Coordinate with Engineer”

**Sheet 01.E.11**

CHANGE ‘Sensor/Device Technology’ for 1522-1-LT through 1522-4-LT to ‘*Ultrasonic Level*’

**END OF ADDENDUM NO. 1**

"General Decision Number: MN20200098 07/03/2020

Superseded General Decision Number: MN20190098

State: Minnesota

Construction Type: Building

County: Swift County in Minnesota.

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

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 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 calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate

will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number    Publication Date

- 0      01/03/2020
- 1      02/14/2020
- 2      05/15/2020
- 3      06/12/2020
- 4      07/03/2020

ASBE0034-001 06/01/2019

Rates      Fringes

ASBESTOS WORKER/HEAT & FROST  
 INSULATOR.....\$ 38.15      33.40

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 BOIL0647-008 03/01/2018

Rates      Fringes

BOILERMAKER.....\$ 37.22      27.14



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BRMN0001-006 05/01/2018

	Rates	Fringes
BRICKLAYER.....	\$ 27.57	18.71

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CARP0930-017 04/29/2019

	Rates	Fringes
CARPENTER (Includes Acoustical Ceiling Installation and Excludes Soft Floor Layer).....	\$ 27.16	19.47

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\* ENGI0049-004 05/01/2020

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Bulldozer.....	\$ 40.93	21.70
Forklift.....	\$ 40.93	21.70
Loader.....	\$ 40.93	21.70
Oiler.....	\$ 38.30	21.70

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IRON0512-029 05/03/2020

	Rates	Fringes
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IRONWORKER (Reinforcing and  
Structural).....\$ 38.35      30.70

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LABO0563-053 05/01/2018

Rates      Fringes

LABORER (ASBESTOS ABATEMENT  
(Removal from Ceilings,  
Floors, and Walls)).....\$ 33.78      16.61

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PAIN0386-008 05/06/2019

Rates      Fringes

PAINTER  
Brush & Roller.....\$ 37.20      22.86  
Spray.....\$ 37.20      22.86

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PAIN0681-005 05/01/2018

Rates      Fringes

DRYWALL FINISHER/TAPER.....\$ 29.01      17.55

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PAIN1324-002 02/26/2018

Rates      Fringes

GLAZIER.....\$ 30.43      14.90

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PLAS0633-005 05/01/2019

Rates      Fringes

CEMENT MASON/CONCRETE FINISHER...\$ 39.81      20.42

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PLUM0539-010 05/01/2019

Rates      Fringes

PIPEFITTER (Excludes HVAC  
Duct Installation).....\$ 41.84      32.17

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ROOF0096-020 06/01/2019

Rates      Fringes

ROOFER.....\$ 33.64      18.36

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SFMN0669-004 04/02/2020

Rates      Fringes

SPRINKLER FITTER (Fire  
Sprinklers).....\$ 37.89      22.70

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SHEE0010-043 09/02/2019

Rates Fringes

SHEET METAL WORKER (Includes  
HVAC Duct Installation).....\$ 34.20 23.49

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\* UAVG-MN-0003 01/01/2019

Rates Fringes

LABORER: Pipelayer.....\$ 31.45 16.32

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\* UAVG-MN-0007 01/01/2019

Rates Fringes

CARPENTER (Soft Floor Layer  
Only).....\$ 31.03 17.61

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\* UAVG-MN-0008 01/01/2019

Rates Fringes

LABORER: Mason Tender - Brick...\$ 33.01 17.22

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\* UAVG-MN-0009 01/01/2019

Rates Fringes

OPERATOR: Crane.....\$ 38.87      20.30

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SUMN2015-033 06/22/2018

Rates      Fringes

ELECTRICIAN.....\$ 29.18      12.89

LABORER: Common or General.....\$ 23.39      12.78

OPERATOR:

Backhoe/Excavator/Trackhoe.....\$ 28.95      17.20

PLUMBER.....\$ 30.68      17.58

TILE SETTER.....\$ 25.66      11.35

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

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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 [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

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)).

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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 Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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

Branch of Construction Wage Determinations

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

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

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

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

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

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

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

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END OF GENERAL DECISION"