ADDENDUM NUMBER 2
for
ADVANCED TREATMENT PROJECT
FORT THOMAS TREATMENT PLANT
NORTHERN KENTUCKY WATER DISTRICT

FROM: CH2M HILL

TO: Plan Holders of Record

The following changes, additions, and deletions are hereby made a part of the project Bidding Documents as fully and completely, as if the same were set forth therein. Acknowledge receipt and acceptance of this Addendum in the space provided on the BID FORM.

SPECIFICATIONS

Item No. AD2-1: Supplements to the Bid Form (Section 00 41 13.1)

As a clarification, Attachments 1 and 2 signed by the Bidder shall accompany the Bid. These Attachments shall also be signed by subcontractors and shall be filed within 7 days of bid opening.

Item No. AD2-2: Supplementary Conditions (Section 00 73 00)

Revise Article CS-4.06, C as follows:

At the end of the fifth line after the words "for whom Contractor is responsible", add the following:

> including without limitation, Contractor's failure to demolish, remove, haul, dispose and otherwise handle all equipment, supplies, waste, debris, and other material in accordance with all environmental, labor, health and safety, and other Laws and Regulations.

Revise Article SC-4.06.G as follows:

In the second line after the word "Subcontractors", add the words "Construction Contract Administrator".

> In line nine delete the words '(ii) was not created by the Contractor or by anyone for whom the Contractor is responsible. Nothing in this Paragraph 4.06 G shall obligate the Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence" and replace with "(ii) was not created by the Owner or by anyone for whom the Owner is responsible other than Contractor and all persons, subcontractors and entities for which the Contractor is responsible."

Delete the second Amendment on Page 7 that describes a hazardous materials report that is not pertinent to the project.

Add the following Amendment to Page 7:

Revise SC-4.06H Amend Article 4.06H by making the following revision:

In the seventh line after the words "for whom Contractor is responsible", add the words, including without limitation, Contractor's failure to demolish, remove, haul, dispose and otherwise handle all equipment, supplies, waste, debris, and other material in accordance with all environmental, labor, health and safety, and other Laws and Regulations."

As a clarification to Amendment SC 6.08, the KDOW permit for the project is attached to this Addendum. This permit includes any related stream crossing requirements. No KDOT Highway Encroachment permit was required.

Item No. AD2-3: DWSRF Supplementary General Conditions (Section 00 74 00)

Delete the language on Attachment 17 and replace with the following:

WAGE RATES

Federal Davis-Bacon and state rates **are** applicable to these funds. This determination applies to the entire project. Please contact the other funding sources, if applicable, for their requirements pertaining to federal wage rates. You must contact the Kentucky Labor Cabinet for determination of applicable state wages.

The state wage rates and Federal wage rates for this project are attached to this Addendum. For each worker classification the higher of the rates (when comparing both the state and federal requirements) will be the applicable rate.

Item No. AD2-4: Construction Progress Documentation (Section 01 32 00)

Revise Article 1.01, A by changing the words "Portfolio Management P6" to "Professional Project Management P6."

Revise Article 1.01, B by replacing the entire sentence with the following new sentence:

The document tracking and control system will physically reside on a host server at a location to be determined by the Owner. All users of the system shall be given access to the system.

Revise Article 1.01 (E), Item 1(a) by changing the words "Portfolio Management P6" to "Professional Project Management P6."

Revise Article 1.07, B by changing the words "within 60 days" to "within 14 days."

Revise Article 1.09, H by changing the words "with 14 days" to "within 14 days."

Revise Article 1.09, L by adding the following new item "19. Training."

Revise Article 1.09, N, 7 by adding the following words at the end "and added or deleted activities, changes in anticipated activity durations, etc."

Revise Article 1.09, P by adding the following new sentence after the first sentence

> The CCA may require a revised schedule showing recovery from the delay along with the written statement.

Item No. AD2-5: Demolition (Section 02 41 00)

Revise Article 1.08 by adding the following item:

B. Confirm and comply with all applicable environmental, labor, health and safety, and other Laws and Regulations related to the demolition, removal, hauling, disposal and other handling of unsalvageable equipment, supplies, waste, debris and other material.

Item No. AD2-6: Concrete Finishes (Section 03 35 00)

Delete Article 3.02 (A.)

Item No. AD2-7: Concrete Curing (Section 03 39 00)

Delete Article 3.02 in its entirety.

Item No. AD2-8: Precast Concrete (Section 03 40 00)

Revise the following Articles as identified below:

1.01, A, 3, a: Change wording to "MNL-116, Manual for Quality Control for Plants and Production of Structural Precast Concrete Products."

1.02, A, 3, a: Change wording to "Hollow-core slabs and double tees: Show type and location of inserts, extra reinforcement for handling, and other pertinent date for proposed construction."

1.02, B, 1, c: Change wording to "Complete list of Structural Precast Concrete work accomplished in past 2 years, including:"

1.02, B, 3, b: Change wording to "Inspection of installed members".

1.03, B: Change wording to "Samples for Exposed Finish:

1. Before starting structural precast concrete work, provide two samples of each precast member type for Engineers approval.
2. Approved Finish: Constitutes standard of quality required in completed Work."

1.03,C: Delete entire section C. Mockup not required.

2.01, G, 3: Change wording to "Furnish inserts for Structural Precast Concrete, bolting stiffeners, attaching braces, and as otherwise required.

2.03: Delete Section A, renumber section B and C to A and B respectively.

2.04, A, 1: Change wording to "Comply with PCI MNL-116.

2.04, C: Change wording to "Surface Finish for Structural Precast Concrete Members.

3.04, A, 1: Change wording to "With Engineer, inspect Structural Precast Concrete Members for chips, cracks, discoloration, and other damage.

Item No. AD2-9: Metal Railings (Section 05 52 00)

Delete Article 2.02 B.3

Item No. AD2-10: Polymer Based EIFS (Section 07 24 13)

Delete this section in its entirety.

Item No. AD2-11: Vapor Retarders (Section 07 26 00)

Delete this section in its entirety.

Item No. AD2-12: SBS Modified Bituminous Membrane Roofing and Green Roof Surfacing (Section 07 52 00)

Revise Article 1.05.A, adding the following text:

6. Provide 2' x 2' sample and data sheets with detail description of the Vegetated Sedum Mat including plant material, planting substrate and synthetic fabric cover.

Revise Article 1.07, adding the following text:

E. Pre-cultivated plant material shall be delivered in such a manner as to preserve the quality of the plants. Truck delivery will be conducted in a manner to protect the vegetation mats from temperature or wind damage. Upon arrival, the mats shall be immediately off-loaded, plastic wrap removed (if used), and installed within 12 hours. If timely installation is not achievable, then a holding area shall be reserved to unroll and store the mats until transport to the roof for installation.

Revise Article 1.09 Item B.1.c; to read:

c. Vegetation shall be sufficiently established to provide a minimum of 70% vegetation coverage at the time of installation and a minimum of 90% coverage after the second full growing season.

Revise Article 2.04.A.1, to read:

1. Sheathing board conforming to ASTM C-1177. Minimum thickness 5/8--inches, glass mat faced, exterior grade gypsum board with primed finish.

Revise Article 2.04.A.2, to read

2. Specified product: SECUROCK.

Revise Article 2.04.K, to read:

2.04.K XF300 or XF301 Pre-cultivated Vegetation Sedum Mat.

1. Textile-based vegetation carrier of lightweight fleece sown to PA/PP entanglements bonded to geotextilefabric, filled with planting substrate, and pre-cultivated with an even layer of low-profile, drought-tolerant Sedum vegetation. The XF300 is a lightweight mat (~4.5 lb/sf saturated weight) and the XF301 is a heavier mat (~7.0 lb/sf saturated weight). Choice of mats is as per roofing manufacturer recommendation."

Delete Article 3.05 in its entirety and insert new article 3.05 as follows:

3.05 TESTING

A. Test roofing assembly using EFVM method.

Revise Article 3.11.C, to read:

C. The maximum depth of growing medium shall be 4 inches after compaction.

Revise Article 3.12. C, to read:

C. Pre-cultivated Vegetation Sedum Mat installation:

1. Immediately prior to installation of the XF300 or XF301 vegetation mat layer, all base component layers must be thoroughly saturated with water. Failure to saturate green roof system base layers will result in severe stress to the root system and harm to the mat vegetation.

2. Pre-cultivated vegetation mats are supplied to the site either in rolls or in flat sheets and with a minimum of 70% vegetation coverage.

3. Each vegetation mat section has an exposed ~4" wide strip of non-vegetated fabric to be overlapped by the adjacent vegetation mat. Each row of adjacent vegetation mats should be staggered by half the length of an individual mat to avoid alignment of end seams across rows.

4. Upon complete installation of the mats, it may be necessary to redistribute and/or provide additional growing medium to ensure even coverage across the carrier mat. In areas or along edges where growing medium was lost during transport and handling, supplemental Xero Terr growing medium must be added to support vegetative coverage.

5. For high-elevation surfaces, provide washed river stone (3/4" – 1 1/2" dia) overlay on to the installed vegetated Sedum mat. Recommended loadings are 3 to 5 lb/sf, which are equivalent to a single-layer of stone coverage of approximately 60% to 95% vegetated mat surface area, respectively.

6. The assembled vegetation mat system must be immediately and thoroughly watered after installation to assist with settling of individual components and to support recovery and establishment of the system vegetation."

Item No. AD2-13: HVAC Insulation (Section 23 07 00)

Revise Article 3.06.A to read

A. Mechanically Cooled and Heated Supply and Return Air: (Concealed), Outside Air, and Exhaust air for a length of eight feet from any exterior wall termination point back into the building interior.

Revise Article 3.06.B to read

B. Mechanically Cooled and Heated Supply and Return Air, Outside Air, and Exhaust Air (only insulate a length of eight feet from any exterior wall termination point back into the building interior.

Item No. AD2-14: Basic Electrical Materials and Methods (Section 26 05 04)

Revise Article 2.17 ENCLOSURES as follows:

Add the following paragraph:

E. All electrical equipment installed in the following areas shall comply with the NEMA rating listed for that area:

AREA	NEMA Rating
Elevator Control Room	12
Mechanical Room	12
Electrical Room	1
GAC Operating Floor	4X
GAC Pump Room	4X
Pipe Gallery	4X
UV Disinfection Room	4X
Stairwells	12
Filter Building Pipe Gallery	4X
Exterior	4X
Underground Vaults/Manholes	4X
Washroom	12
Equipment Access Room	4X
Vestibule	12
Lobby	12"

Item No. AD2-15: Raceways and Boxes (Section 26 05 33)

Delete Article 3.04 (B.), Items 3. and 4.

Delete Article 3.04 (C.), Items 3. and 4.

Delete Article 3.04 (D.), Item 4.

Delete Article 3.04 (E), Item 2.

Item No. AD2-16: Pad-Mount Metal-Enclosed Switchgear (Section 26 13 16.01)

Revise Article 1.01 SUMMARY as follows:

Delete paragraph 1.01 A.1 & 2 and replace with the following:

B. This section includes standard pre-fabricated outdoor pad-mount 15 kV switchgear as shown on the Drawings and specified herein for manual sectionalizing switchgear.

Revise Article 2.09 AUTOMATIC SOURCE TRANSFER as follows:

Delete 2.09 in its entirety.

Item No. AD2-17 Switchboards (Section 26 14 13)

Revise Article 2.01 MANUFACTURERS as follows:

Delete paragraph 2.01 A.2 and replace with :

2. Cutler Hammer.

Item No. AD2-18 Low-Voltage Adjustable Frequency Drive System (Section 26 29 23)

Revise Article 1.06 EXTRA MATERIALS as follows:

Delete paragraph A.1-7 and replace with the following:

A. Furnish the following spare parts:
   1. One (1) operator interface keypad.
   2. For each size cooling fan, provide one (1) spare.
   3. Fore each type of printed circuit board, provide one (1) spare.

Revise Article 2.04 COMPONENTS as follows:

Paragraph 2.04 C – Delete "CD" and replace with "DC".

Revise Article 3.02 FIELD QUALITY CONTROL as follows:

Paragraph 3.02 B.6.a – delete "at location identified as PCC1 in the Plant One-Line Diagram" and replace with "at the 15 kV transfer switch".

Revise Article 3.02 FIELD QUALITY CONTROL as follows:

Paragraph 3.02 B.6.c – delete "PCC2" and replace with "MDP-AT".

Revise Article 3.02 FIELD QUALITY CONTROL as follows:

Paragraph 3.02 B.7.a – delete "at location identified as PCC1 in the Plant One-Line Diagram" and replace with "at the 15 kV transfer switch".

Revise Article 3.02 FIELD QUALITY CONTROL as follows:

Paragraph 3.02 B.7.b – delete "PCC2 in the Plant One-Line Diagram" and replace with "MDP-AT".

Item No. AD2-19 Diesel Engine Generator Set (Section 26 32 13.13)

Revise Article 1.02 SUBMITTALS as follows:

Delete Paragraph 1.02 A.12.f and replace with the following:

f. Interconnection wiring diagram for automatic transfer switch.

Item No. AD2-20: Access Control System (Section 28 13 53)

Revise Article 1.01 WORK INCLUDED as follows:

Add the following paragraphs:

E. The access control system shall include at a minimum the following:

1. All access control components specified herein and called for on the Drawings.
2. All electronic door hardware to make the system fully operational. Coordinate style, type and color with what is required in Specification Section 08 71 00 – Door Hardware.
3. All cabling specified herein and shown on the Drawings (Conduit for cabling to be provided as specified in Division 26).

Item No. AD2-21: Process Piping- General (Section 40 27 00)

As a clarification, the process piping within the Advanced Treatment Building may be either ductile iron or steel as indicated in the schedule. The design was performed around ductile iron and any additional labor, materials, equipment or costs associated with using steel shall be included in the Bid if the contractor chooses to install steel.

As a clarification, all process and pressure yard piping shall be restrained joint. The use of American Cast Iron Pipe's "Fast Grip" or US Pipe's "Field Lok" gaskets are acceptable for pipe restraint. Mechanical joint fittings with wedge action restraint are required on all restrained lines. Drain and waste yard piping shall be push-on joint.

Revise Article 2.05 D. by adding the following:

D. Ductile Iron sanitary sewers to be lined with Protecto 401Ceramic Epoxy as manufactured by Vulcan Painters, Inc. or equal.

Item No. AD2-22: Process Piping Specialties (Section 40 27 01)

Delete Article 1.02.B.2

Change number of Article 1.02.B.3 to 1.02.B.2

Add the following Article 1.02.B.3

> Certification that all materials for use in potable water systems comply with NSF 61.

Delete Article 1.03 in its entirety

Revise Article 2.02.E to read Closure Collar Concrete: As specified in Section 03 30 00, Cast-in-Place Concrete

Revise Article 2.03.A.3 to read

> Couplings shall be lined and coated with liquid epoxy in accordance with AWWA C210.

Delete Article 2.10.D in its entirety

Revise Article 2.10.E.1 Water Hose, to read

1. Furnish 50-foot lengths of 1-inch rubber hose for each hose rack on the basement and ground levels and two (2) 50-foot lengths of 1-1/2-inch rubber hose for each hose rack on the operating floor. EPDM black cover and EPDM tube, reinforced with two textile braids. Provide each length with brass male and female NST hose thread couplings to fit hose nozzle and hose valve.

Revise Article 2.10.F.1 Hose Nozzles, to read

1. Furnish One (1) 1-inch for each hose rack on the basement and ground levels and One (1) 1-1/2-inch for each hose rack on the operating level, cast brass, satin finish, nozzles with adjustable fog, straight-stream, and shut-off feature and rubber bumper. Provide nozzles with female NST hose thread to match the hose.

Delete Article 3.10 in its entirety

Item No. AD2-23: Process Valves and Operators (Section 40 27 02)

Revise Article 2.04, D. Butterfly Valves by adding the following new item:

4. Type V510 Lug Style Butterfly Valve, Resilient Seated, 2 Inches to 20 Inches for Low Pressure Process Air Service:
   a. Lug style cast-iron body, aluminum bronze discs, Type 316 stainless steel one-piece stem, self-lubricating sleeve type bushings, EPDM replaceable resilient seat suitable for operating temperatures up to

250 degrees F, 150 psi working pressure rating, bubble-tight at 50 psi differential pressure, valve body to fit between ANSI Class 125/150 flanges.

b. Manufacturers and Products:
   1) Bray Controls; Series 31.
   2) Tyco/Keystone; Model AR2.

Revise Article 2.05 OPERATORS AND ACTUATORS as follows:

Delete Paragraph 2.05 B. and replace with the following:

B. Electric Motor Actuators (Microprocessor Based Controls)

1. General:
   a. Equipment Requirements: The actuators shall be suitable for use on a 460 volt, 3 phase, 60 Hz power supply and must include motor, integral reversing starters, local controls and terminals for remote control and indication housed within a self contained, sealed enclosure. Set-up of the actuator shall be carried out without the removal of any covers. Actuator calibration shall be by integral pushbuttons and selector switch. No separate special commissioning tools shall be required. In addition, provision shall be made for the protection of configured actuator settings by means of a security password.
   b. Actuator Sizing: The actuator shall be sized to guarantee valve closure at the specified torque and/or thrust requirement as indicated by the valve manufacturer or supplier. The actuator must be adequately sized to provide the torque required to operate the valve at 90% of the nominal voltage. The operating speed shall provide valve closing and opening at approximately 12 inches per minute for gate valves, 4 inches per minute for globe valves and as indicated in the valve list for quarter turn valves. Quarter-turn valves will be furnished with mechanical stops that restrict the valve/actuator travel.
   c. Environmental: Actuators shall be suitable for indoor and outdoor use. The actuator shall be capable of functioning in an ambient temperature ranging from -20°F to +160°F, up to 100% relative humidity.
   d. Enclosure: Actuators shall be 0-ring sealed, watertight to NEMA 4X/6 (6 feet for 30 minutes). Enclosure must allow for temporary site storage without the need for electrical supply connection. All external fasteners shall be of stainless steel. Gear case shall be cast iron.
   e. Motor: The electric motor shall be Class F insulated with a duty rating of at least 15 minutes at 104°F (40°C). Motor shall be specifically designed and built by the actuator

manufacturer for electric actuator service. Electrical disconnection of the motor shall be by means of a plug and socket and motor removal shall be possible without loss of lubricant. The actuator must include a phase correction circuit to ensure that the motor runs with the correct rotation for the required direction of valve travel regardless of the connection sequence of the power supply.

f. Motor protection: The following criteria shall be provided for motor protection:
   1) The motor shall be de-energized without damage in the event of a stall condition when attempting to move a jammed valve.
   2) The motor shall be de-energized in the event of an overtorque condition.
   3) A minimum of three thermal devices imbedded in the motor windings shall be provided to de-energize the motor in case of overheating.
   4) Lost phase protection.

g. Gearing: The actuator gearing shall be totally enclosed in a grease-filled cast iron gearcase suitable for operation in any orientation. Actuator gearing shall be hardened steel with alloy bronze worm wheel. The design should permit the opening of the gearcase for inspection or disassembly without releasing the stem thrust or taking the valve out of service. Where required per application, electric actuators will be provided with worm gearboxes. The worm gearboxes shall be supplied with full 360° bronze worm wheels and end-of-travel mechanical stops on the worm shaft. Designs with segmented worm gears and end-of-travel stops in the gearbox housing will not be permitted.

h. Manual operation: Manual operation shall be by handwheel. Manual operation shall utilize the actuator worm shaft/worm wheel to maintain self-locking gearing and to facilitate changeover from motor to manual operation when the actuator is under load. Actuator designs that bypass electric actuator worm gears when declutched are unacceptable. The declutching from motor operation shall be at the motor shaft to minimize declutching effort. Designs that break the valve load at the worm and worm gear are unacceptable. Return from manual to electric mode of operation will be automatic upon motor operation. A seized or inoperable motor shall not prevent manual operation.

i. Drive nut and thrust base assembly: For multi turn rising stem applications, the drive nut shall be installed in a detachable thrust base. The design shall allow actuator removal from the thrust base, leaving the thrust base attached to the valve to retain valve position. Thrust

bearings shall be lubricated by means of an easily accessible grease fitting.

j. Valve position and torque calibration position and torque shall be sensed by absolute encoder using hall-effect sensors. Incremental encoders requiring batteries to retain settings upon loss of power shall not be accepted. Position and torque settings shall be stored in permanent non-volatile memory.

k. Torque and travel adjustment parameters are to be as follows:

1) Position setting range 1 to 500 to 10 to 5,000 turns, with resolution of 2.81 degrees and accuracy to 5.0 degrees of actuator output.

2) Torque setting: 40% to 100% of rated torque.

l. Torque switch bypass to be provided for the torque sensing system to inhibit torque switch trip during unseating or during starting in mid-travel against high inertia loads.

2. Electric Actuator Control Digital Fieldbus (DeviceNet):

a. Local indication: The actuator shall include a digital position indicator with a display from fully open to fully closed in 1% increments.

b. Five programmable local indicating lights shall be available to indicate functions including, but not limited to end position CLOSED, end position OPEN, fault, selector switch in REMOTE and actuator moving, integral starter and transformer.

c. The starter shall be suitable for up to 60 starts per hour for open/close service and 600 to 1200 starts per hour for modulating service.

1) Removable plug and socket controls housing containing reversing starters or thyristors, power supply/control transformer and local controls consisting of Open/Stop/Close/Reset pushbuttons and a Local/Off/Remote selector switch lockable in any of the three positions shall be wall mounted remotely with interconnecting cable for all electric operated valves. The Reset pushbutton shall be provided to facilitate actuator commissioning. It shall be possible to select maintained or non-maintained control independently for either the local or remote modes. It shall be possible to re-orient local pushbutton controls in 90° increments.

d. Control capabilities – DeviceNet: The following control capabilities must be available:

1) Communication protocol via DeviceNet.

2) Interface by CAN Controller Area Network.

3) Network topology: Linear (trunkline/dropline) bus, bus termination on both ends. Coupling or uncoupling of stations without affecting other stations.
4) Data transfer rate: 125 kbit/sec – deterministic data transmission.
5) Bus access: Master slave.
6) Number of stations: 63 stations and a DeviceNet scanner.
7) Parameterization of field devices using a standardized EDS files (Electronic Data Sheets).

e. Non-intrusive capability: In order to maintain the integrity of the enclosure, setting of all actuator parameters including the torque levels, position limits, configuration of the indication contacts and positioner functionality shall be accomplished without removing covers from the actuator control assemblies or housing. Settings shall be made by entering the set up mode and following menu prompts appearing in the LCD window. The LCD window shall have four lines of data clearly indicating the set up options. Set up shall be accomplished by using the actuator integral selector switch and pushbuttons - without the need for a hand-held setting device. Actuator parameters may also be set by means of laptop computer via a two-way information infrared interface or laptop or PDA via Bluetooth® interface. No special setting tools or devices are acceptable.

f. Monitoring facilities: Facilities shall be provided for monitoring actuator operation and availability as follows:
1) Liquid Crystal Display (LCD) – minimum four lines back-lit for setting menu showing status indication and diagnostic information.
2) Monitoring capability via Bluetooth® connection shall be an available option.
3) Retrievable (lifetime and re-settable) data logs including:
a) Motor run time
b) Total number of cycles
c) Number of torque trips in each direction of travel
d) Number of limit switch trips at each end of travel
e) Total torque trip faults
f) Motor thermal overloads.
4) Diagnostic capability, which will store and enable download of historical actuator operation and torque data to permit analysis of actuator and valve in-service performance.

5) Data logs and diagnostic information download shall be carried out without removing any covers and all shall be available locally at the actuator or accessible via laptop computer.

g. Wiring and terminals
1) Internal wiring shall be tropical grade insulated stranded cable of appropriate size for the control and 3-phase power.
2) All external wiring shall terminate in a removable plug and socket head, which allows easy disconnection of all power and control voltages. Actuators furnished without plug and socket terminal connections must have power and control disconnect switches for ease of maintenance and safety.

h. Electric Actuator Commissioning and Test Reports.
i. Commissioning Kit: Each actuator will be provided with a commissioning kit consisting of a wiring diagram and installation and operation manual. No special commissioning tools or parts will be required for start-up.

3. Performance Test Documentation: Each actuator shall be performance tested. Test documentation must be provided if requested indicating the following:
a. Torque sensing tripping points in both the open and closed directions of travel.
b. current at the maximum torque tripping point.
c. actuator output speed.
d. high voltage test .

4. Electric Actuator Manufacturers:
a. AUMA Actuators, Inc.
b. Approved equal.

Item No. AD2-24: Instrumentation and Control for Process Systems (Section 40 90 00)

Revise Article 2.10 PANEL FABRICATION as follows:

Paragraph 2.10 F.8.b – delete "GFCI GFCI" and replace with "GFCI".

Revise Article 2.12 SOURCE QUALITY CONTROL as follows:

Paragraph 2.12 C.1 – add the following to this paragraph:

Owner reserves the right to witness the FDT. If the facility is located more than 150 miles from the site, Contractor shall pay Owner's travel expenses for no more than two people.

Item No. AD2-25: Instrumentation and Control Components (Section 40 91 00)

Revise Article 2.04 I&C COMPONENTS as follows:

Paragraph 2.04 A.3.b – delete "Side mount on transmitter" and replace with "Bottom mount on transmitter".

Revise Article 2.04 I&C COMPONENTS as follows:

Delete Paragraph 2.04 Q.3.c.1) and replace with the following:

1) Two communication ports, RS-232 and RS-485.

Item No. AD2-26: Rotary Positive Displacement Blower (Section 44 42 19.04)

Revise Article 1.04.F. Performance Requirements, Design Conditions Table to read as follows:

Blower pressure rise required, psi	13
Pressure relief valve setting, psig	14

and

Delete Shaft brake horsepower, BHP and associated footnotes

Item No. AD2-27 Vertical Turbine Pumps (Section 44 42 56.03)

Revise Article 2.04 VIBRATION AND TEMPERATURE TRANSDUCERS AND MONITORING SYSTEM as follows:

Paragraph 2.04.A – add the following:

4. Monitoring system to be ITT Pro Smart or equal.

Item No. AD2-28: Contactor Underdrain System (Section 44 43 34)

Revise Article 1.03.A, 6.a. by changing 1600 psf to 1400 psf.

Revise Article 2.01.A.3.b as follows:

b. Severn Trent Services, Fort Washington, PA; Tertra™ U Block Underdrain with SAVAGE PLATE®.

Revise Article 2.01 B., 6 .b. by adding the following at the end of the paragraph:

The design and details of the anchors and all appurtenances shall be submitted as a part of the structural design calculations as required by this specification.

Revise Article 2.03.B. to read as follows:

B. Backwashing regime for contactors uses air scouring and includes air-only, combined air/water, and water-only steps.

Add the following text to the end of Part 2:

2.12 TROUGHS: The troughs shown in each contactor are fiberglass and specified as follows:

A. Washwater troughs shall be designed and constructed in accordance with AWWA F 101 and the Contract Documents.
B. Dimensions shall be as shown on the Contract Drawings
C. Contractor shall submit the manufacturer's design calculations for review in accordance with the Contract Documents. Calculations shall include, in addition to the calculations required by AWWA F101, critical buckling load calculations for the trough cross braces and spreaders.
D. Contractor shall submit complete scaled and dimensional construction drawings indicating dimensions, material specifications, and proposed layout within the contactor boxes.
E. Contractor shall submit structural calculations for load bearing, deflection, and as required by AWWA F101.
F. Contractor shall submit detailed installation requirements including required block-outs and anchorage.
G. Troughs shall be designed for a maximum backwash rate of 18 gpm per square foot at a minimum freeboard of two (2) inches.
H. Troughs shall be either Type I or Type II fabrications and shall be compatible with the Filter Media specified in Section 44 43 30 and GAC Media as specified in Section 43 31 13.13.
I. Provide certifications of compliance with NSF 61
J. All hardware and mounting appurtenances shall be Type 316 stainless steel.
K. Troughs shall be designed for air scour backwash in accordance with AWWA F 101
L. An integrally molded water stop shall be provided on the trough wherever the trough is grouted into and/or passes through a concrete wall.
M. Provide details of the blind or closed end connection to the wall including provisions allowing for thermal expansion along the length of the trough and provisions for allowing elevation adjustments.
N. Troughs shall be installed in accordance with the manufacturer's printed instructions as approved.
O. Provide a minimum of one (1) day of manufacturer's services to assist and train the contractor's personnel and one (1) day to inspect and certify the proper installation of the backwash troughs.

PLANS

Item No. AD2-29: General Structural Notes (Sheet FT-G-007)

As a clarification, the contractor shall be responsible for the stability of **all** excavations. Shoring will be required anywhere the potential of undermining of the existing facilities (structures, utilities, etc) exists. The shoring plan shall be prepared by a registered KY PE.

Item No. AD2-30: Special Inspections Plan (Sheet FT-G-009)

As a clarification, the term controlled fill in Table 1 refers to any compacted fill such as granular or compacted crushed stone.

Item No. AD2–31: AT Building Basement South Plan (Sheet FT-M-131)

1. Change the second and third sentence in Keyed Note 6 to read "Transition to new duct size and hold as high as possible. Coordinate with any process piping, etc."

Item No. AD2-32: AT Building Basement North Plan (Sheet FT-M-132)

1. Add Keyed Note 1 to Unit Heater EUH-9 In the Northeast Corner of the GAC Pump Room.

Item No. AD2-33: AT Building Basement & First Floor (Sheet FT-M-132 & 142)

1. Delete the exhaust duct from EF-7 in Washroom B04 from the fan in its entirety up to (first floor) but excluding BV-1. Orient EF-7 so that the exhaust duct connection faces north and extend a 8x4 duct from the fan north into the plumbing chase (immediately behind north wall), up the chase to above the first floor ceiling, then south and west and connect to the undeleted BV-1 in the west wall. Coordinate the duct routing with structure and other trades. Transition as required for flange connection to EF-7. Provide a fire damper (chase is 2hr. rated) with easy access at each chase penetration.

Item No. AD2-34: AT Building First floor South Plan (Sheet FT-M-141)

1. The Branch Duct Size to all CD – Diffusers shall correspond to the Diffuser Neck Size as listed in the Air Device Schedule. The branch duct to the CG-1 over the Vestibule (101) and Lobby (102) shall be 8" and 12"x10" respectively. The intake duct attached to L-4 shall be 36"x20". The wall thermostat in the southeast corner of Equipment Access Area (108) serves EUH-22. Add a Key Note No. 3 to the end of the 10"x10" EA. duct from EF-6.

Item No. AD2-35: AT Building First Floor North Plan (Sheet FT-M-142)

1. Add a Key Note No. 2 to EF-5. The EA Duct serving EF-4 is to be 8"x 4" for its entire run. Change Key Note No. 9 to read "Mount bottom of this louver at same height as bottom of the other L-1 Louver serving UV

Disinfection Room B03 (Lower Area)." Change L-5 in sentence one of Key Note No.13 to read "L-2B." Add a Key Note No. 9 to the west most louver L-1. Remove Key Note No. 9 and add Key Note No. 1 to the east most louver L-1.

Item No. AD2-36: AT Building Second Floor South Plan (Sheet FT-M-151)

1. Graphically, the spare refrigerant/electrical conduits identified by Key Note No. 8, should not touch the piping from HP-1B. There is no connection between the two. The branch duct size for the CD-2 Diffusers over Lobby 201 shall correspond to their respective neck size indicated in the "Air Device Schedule." The SA Duct from HP-2A shall be 12" deep for its entire length.

Item No. AD2-38: AT Building Second Floor North Plan (Sheet FT-M-152)

1. Remove Key Note No. 9 from the vicinity of the west most L-8 Louver. Key Note No. 9 is no longer used on this sheet. Change the thermostat near EF-12 to serve EF-12, not EF-11.

Item No. AD2-37: AT Building HVAC Schedules (Sheet FT-M-602)

1. Regarding the electric wall heater schedule, change the Manufacturer/Model information for EWH-1 and EWH-2 to read "Markel/6300 Series". All other information remains as is. This is a two speed, two stage heater. As a reminder, for the stairwell units recess mount, maintain the stairwell fire rating with either a rated mounting box or the proper rating around a standard box.

Item No. AD2-38: AT Building Basement North & South Plan (Sheet FT-P-131 & FT-P-132)

1. Add required non-sloping pieces on trench drains system to raise elevation of bottom of trench drain system, to meet the indicated inverts and provide the minimum 4" concrete thickness below trench drains.
2. Trench drain supplier shall furnish detailed shop drawing indicating and demonstrating compliance with indicated invert and coverage requirements, for approval prior to installation.

Item No. AD2-39: AT Building First Floor Plan (SheetFT-P-141 & FT-P-142)

1. Add required non-sloping pieces on trench drains system to raise elevation of bottom of trench drain system, to meet the indicated inverts and provide the minimum 4" concrete thickness below trench drains.
2. Trench drain supplier shall furnish detailed shop drawing indicating and demonstrating compliance wit indicated invert and coverage requirements, for approval prior to installation.

ITEM NO. AD2-40: AT BUILDING SECOND FLOOR NORTH & SOUTH PLAN (SHEET FT-P-151 & FT-P-152)

1. Add required non-sloping pieces on trench drains system to raise elevation of bottom of trench drain system, to meet the indicated inverts and provide the minimum 4" concrete thickness below trench drains.

2. Trench drain supplier shall furnish detailed shop drawing indicating and demonstrating compliance with indicated invert and coverage requirements, for approval prior to installation.

Item No. AD2-41: Plumbing General Notes (Sheet FT-P-601)

1. Electric Water Cooler: Provide Elkay Model DFC-13 barrier-free electric water cooler, Hawes, Western or approved equivalent.

2. Floor drain (FD.1): Provide J. R. Smith Model 2005 – B-D, cast-iron body, Polished bronze top with trap primer connection, Wade, Zurn or approved Equivalent.

3. Sand Trap: Provide ABT 24" x 24" 604 ST pre-cast polymer concrete with a 24" x 24" clear opening and stackable risers, units shall have attachable legs, Zurn, Jr. Smith or approved equivalent. Note: Provide 36" x 36" where Indicated on plans and HDPE is an acceptable alternate material, for sump construction.

Item No. AD2-42: AT Building Overall One-Line Diagram (Sheet FT-E-001)

The transfer switchgear as shown shall be re-configured to match what is currently being specified in Specification Section 26 36 23. This includes:

1. Two (2) draw-out vacuum circuit breakers with microprocessor control for automatic transfer of load from normal to standby.

2. Integrated distribution sections with three (3) 600 amp frame, manually operated, vacuum breakers with overcurrent protection.

Item No. AD2-43: AT Building Micellaneous Riser Diagrams (Sheet FT-E-004)

For each valve Devicenet riser diagram, delete the A/B 20-COMM-D communication adapter that is shown typical for each valve. The adapter shall only be provided for each AFD as called for on the AFD riser diagram. The valve controllers are specified with a Devicenet communication module integral to each unit.

Item No. AD2-44: AT Building Site Plan (Sheet FT-E-102)

Delete Keyed Note No. 1 and replace with the following:

"12. Any cash contribution requested by the Utility Company for the new service shall be covered as part of the Contingency Allowance identified in the Bid Form. The Contractor shall contact the power company, negotiate the Contract and arrange to have the work done in an orderly and timely manner. Provide details of negotiated price to Construction Contract Administrator before initiating the work. The Contractor shall provide final invoices from the Utility Company after the work is completed.

For "Keyed Note No. 20", there isn't a detail for the Chemical Feed Vault. Therefore, delete the last sentence of this note."

Item No. AD2-45: AT Building Basement Level South Lighting Plan (Sheet FT-EL-131)

The two light fixtures in the stairwell labeled "Type 4" should be "Type 2".

Item No. AD2-46 AT Basement Level North Lighting Plan (Sheet FT-EL-132)

The two light fixtures in the stairwell labeled "Type 4" should be "Type 2".

Item No. AD2-47: AT Second Floor South Lighting Plan (Sheet FT-EL-151)

The two light fixtures in the stairwell labeled "Type 4" should be "Type 2".

Item No. AD2-48 AT Control Schematics (Sheet FT-E-601)

For "EQ Pump Control Schematic – Typical for FT-EQ-P-1, FT-EQ-P-2", terminals 12 and 13 should be connected to the ground side of the control transformer and not the line side.

Item No. AD2-49: AT Control Schematics (Sheet FT-E-601)

The following terminal identifications apply to the reduced voltage, solid-state starters (RVSS):

Terminals 11 & 17 – 120 VAC
Terminals 12 & 13 – Ground
Terminals 19 & 20 – Normally open auxiliary contacts for status
Terminals 31 & 32 – Normally open auxiliary contacts for fault
Terminals 33 & 34 – Normally open auxiliary contacts to energize IC contacts.
Terminal 16 – Start command

END ADDENDUM

NORTHERN KENTUCKY WATER DISTRICT

Fort Thomas Treatment Plant Advanced Treatment

AGENDA

Prebid Meeting

December 18, 2009

10:00 NKWD Central Facility

12:30 Fort Thomas Treatment Plant

700 Alexandria Pike, Fort Thomas, KY

1. Introductions/Attendance – sign in **NKWD**

2. Contact Persons **NKWD**

A. Engineer
Nick Winnike
CH2M HILL
300 E Business Way
Suite 400
Cincinnati, OH 45241
(513) 337- 9351
(513) 489-0807
nicholas.winnike@ch2m.com

B. Northern Kentucky Water District
Amy Kramer, Engineering Manager
2835 Crescent Springs Road
PO Box 18640
Erlanger, KY 41018
(859) 426-2734
(859) 578-7893 fax
akramer@nkywater.org

Site Visit Scheduling
Jeff Schuchter
2835 Crescent Springs Road
PO Box 18640
Erlanger, KY 41018
(859) 426-2703
(859) 578-7893 fax
jschuchter@nkywater.org

3. Front-End Documents **Engineer**

A. Bidding Requirements
   1. Location
   2. Date and Time
   3. Bid Bond
   4. Modify/Withdraw Bids
   5. Supplements – SRF
   6. Questions and Addenda

B. Non-Refundable Deposit

C. Site Visits – use web page to schedule site visits

D. Contract Times
   1. Award of Contract
   2. Notice to Proceed
   3. Substantial Completion
   4. Final Completion
   5. Liquidated Damages & UV System Guarantees/Warrantees
   6. Retainage

E. Employment Practices and Wage Rates

4. Bid Forms **Engineer**

A. Lump Sum/Unit Price includes Contingency
B. Bid Alternatives

5. Technical Specifications/Drawings **Engineer**

A. Summary of Work

B. Allowable Outages

C. Sub-Surface Information

D. Staging Area/On-Site Material Storage

E. Coordination with MPTP Advanced Treatment Contractor

6. Questions **All**

Pre-Bid Meeting Minutes
Fort Thomas Treatment Plant
Northern Kentucky Water District
December 18, 2009

The Pre-bid conference was held at 10 AM local time. Copies of the Agenda and Attendance sheets are attached to these minutes.

Attendees were notified of the following:

- Plans/Specs are available at Queen City Reprographics.
- 10% Bid bond required
- Supplements to the Bid Form – Bidder to fill in all blanks on the UV Sheets for both vendors. May be considered non-responsive bid if blanks are empty.
- Supplemental General Conditions – New DBE and EEO forms are required for this project. In addition, EEO goals are provided for Kenton and Campbell counties. Bidders requested to review these items closely as low bidder must file documentation within 7 days of bid.
- Bidders interested in individual site visits should schedule on line at www.nkywater.org
- Contact times (730 days – substantial completion/790 final completion) and liquidated damages provisions were discussed. No change from bid documents.
- Project Bids have a 90 day hold period so NKWD can get the project approved by the PSC, etc.
- Retainage is 10% for entire project. No reduction at 50%.
- UV warranty requirements carry penalties for non-performance. Contractor should familiarize themself with these provisions.
- Federal and State wage rates are applicable. These will be included in Addendum No. 2.
- Lump sum bid format with alternate bid options.
- Bid form has a $100,000 allowance for contingency conditions. This amount must be included in the total bid price and can only be accessed by the contractor with approval from the Owner.
- Coordination between plant shutdowns at FTTP and MPTP is critical. Contractor should make self familiar with Coordination specification and be prepared to work with MPTP contractor. Shutdowns at FTTP will take priority. FTTP must remain partially (1/2) in service at all times. Lab access must be maintained as the lab will remain in operation.
- Monthly Coordination meetings will be held between FTTP and MPTP contractors.
- Temporary road/paving required to maintain traffic during construction. Main access road will be slightly widened to accommodate traffic needs.
- Potholing of utility lines has been performed by NKWD to gather information. Contractor is required to conduct additional potholing prior to initiating excavation activities.
- Staging areas/restricted areas shown on drawings. Will consider requests for use of other areas if not already denoted.
- Contractor responsible for securing plant exterior perimeter within the construction area each night.

The prospective bidders were given the opportunity to ask questions. These are provided below:

Question (Q): The masonry reinforcement table in the plans seems vague.

Answer (A): We will investigate and clarify if needed.

(Q): Clarify the 'traffic coating" requirements ?

(A): Will review and clarify if needed.

(Q): The excavation and piping in front of FTTP will cause disruption to traffic and parking. Is NKWD aware and ok?

(A): NKWD understands these things will occur. The coordination specification should be reviewed for some specific provisions.

(Q): Has NKWD purchased P6 software and are they aware of some of the new pricing issues with the vendor as well as concerns about compatibility with other Contractor owned software products?

(A): NKWD will continue to investigate this.

(Q): Who will handle the contract administration?

(A): NKWD will handle CCA activities and will utilize consultants as needed.

(Q): Is the project trying to achieve LEED certification?

(A): No.

(Q): The contract documents indicate 5% bid bond required in a couple locations? Please clarify.

(A) The bid bond is 10%. Where 5% is listed in supplements, it is intended to indicate a minimum of 5%.

(Q): Will the changes to the contract documents made during the Memorial Parkway Treatment Plant bidding process be made for FTTP?

(A): Yes only as applicable. Look for most of these in Addendum No. 2.

These questions were asked during both the meeting and the site visit. The site visit lasted from approximately 12:30 PM to 2:30 PM when the last contractor left.

Northern Kentucky Water District

Attendance List
Advanced Treatment Project
Fort Thomas Treatment Plant
Northern Kentucky Water District

CH2MHILL
HDR|Quest

December 18, 2009, 10:00 AM Local Time

No.	Name	Firm	E-mail	Phone
1	Bill Wulfeck	NKWD	wulfeck@nkywater.org	859-441-0482
2	Amy Kramer	NKWD	akramer@nkywater.org	859-426-2734
3	Nick Winnike	CH2MHILL	nicholas.winnike@ch2m.com	513-337-9351
4	John LaRue	HDR	john.larue@hdrinc.com	859/225-3755
5	GEORGE DOBROWITSKY	MACBRIDGE	GDOBROWITSKY@MACBRIDGE.COM	313-442-1384
6	Keith Wagner	Dugan & Meyers	kwagner@dugan-meyers.com	513-891-4300
7	Steve RUST	E.C. Schmidt Plbg.	steverust@fuse.net	859-635-4309
8	DONALD J. JANSEN	SCOTT ELECTRIC CO, INC	ELECTRITECH@ZOOMTOWN.COM	859/491-2584
9	DAN GRIMWOOD	Kokosing C.C.	DCG@kokosing.biz JWR@kokosing.biz	614-212-5701
10	Greg Johnson	Building Crafts, Inc	gjohnson@buildingcrafts.com	859-781-9500
11	Brandon Tarvin	Reynolds, Inc.	btarvin@reynoldsinc.com	513-424-7287
12	Ron Kelley	Ohio Valley Elec	RKELLEY@OHIOVALLEYELECTRIC.COM	513-771-2410
13	LEN SMELTZER	MACHINE DRIVE CO.	LSMELTZER@MACHINEDRIVE.COM	859-394-4399
14	WAYNE DORSEY	ALLISON LANDSCAPING	ALLISON_LANDSCAPING@YAHOO.COM	513-922-1315 Fx 922-1315
15	Lee Owens	Messer	lowens@messer.com	513-482-5414
16	BRENT TIPPEY	HDR	BRENT.TIPPEY@HDRINC.COM	855-225-3755
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Northern Kentucky Water District

Attendance List
Advanced Treatment Project
Fort Thomas Treatment Plant
Northern Kentucky Water District

CH2MHILL
HDR|Quest

December 18, 2009, 10:00 AM Local Time

No.	Name	Firm	E-mail	Phone
1	DM Cronin	Ambassador/Delta	dcronin@ambsteel.com	x66-2043 539-9104
2	DOY POLLEY	LAKESHORE	doyp@LAKESHORE EQUIP.COM	270-488-2601
3	Tom Moore	BCI	tmoore@buildingcrafts.com	859-781-9500
4	J.D. VARAITA	RAWDON MYERS INC	jdv@rawdonmyers.com	513-965-5300
5	KEVIN O'BRIEN	ADAMS ROBINSON CONST.	ARCOEA@ADAMSROBINSON.COM	937-274-5318
6	Chad Kelley	Sardinia Concrete	chadkelly@sardiniaconcrete.com	(513)460-5627
7	Al Grill	"	"	(513)248-0090
8	Jeff Schuchter	NKWD	jschuchter@nkywater.org	426-2703
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Northern Kentucky Water District

Attendance List
Advanced Treatment Project
Fort Thomas Treatment Plant
Northern Kentucky Water District

CH2MHILL
HDR|Quest

December 18, 2009, 10:00 AM Local Time

No.	Name	Firm	E-mail	Phone
1	Jim DEE	ESI, INC	JDee@ESIELECTRICAL.com	513-454-3741
2	Jack Lamping	Phasor Elect	Phasor.JLamping@fuse.net	513-347-3500
3	KEN Ludlow	DELANEY & ASSOC	KEN@delaneyandassociatesinc.com	859-342-4944
4	RYAN KRAMER	M+W Excavation Co, Inc	ryan_kramer@yahoo.com	859-635-3431
5	Matt Verst	Messer Construction Co	mrverst@messer.com	513-482-5484
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Steven L. Beshear
Governor

Daniel Mongiardo
Lieutenant Governor

KENTUCKY LABOR CABINET
DEPARTMENT OF WORKPLACE STANDARDS
DIVISION OF EMPLOYMENT STANDARDS, APPRENTICESHIP & MEDIATION
1047 US Hwy 127 S - Suite 4
Frankfort, Kentucky 40601
Phone: (502) 564-3534
Fax (502) 564-2248
www.labor.ky.gov

J. R. Gray
Secretary

Mark S. Brown
Deputy Secretary

Michael L. Dixon
Commissioner

December 21, 2009

Brent Tippey
HDR/Quest
2517 Sir Barton Way
Lexington KY 40509

Re: N KY Water District, Advanced Treatment Project-Ft Thomas Treatment Plant

Advertising Date as Shown on Notification: December 3, 2009

Dear Brent Tippey:

This office is in receipt of your written notification on the above project as required by KRS 337.510 (1).

I am enclosing a copy of the current prevailing wage determination number CR 4-24, dated October 26, 2009 for CAMPBELL County. This schedule of wages shall be attached to and made a part of the specifications for the work, printed on the bidding blanks, and made a part of the contract for the construction of the public works between the public authority and the successful bidder or bidders.

The determination number assigned to this project is based upon the advertising date contained in your notification. There may be modifications to this wage determination prior to the advertising date indicated. In addition, if the contract is not awarded within 90 days of this advertising date or if the advertising date is modified, a different set of prevailing rates of wages may be applicable. It will be the responsibility of the public authority to contact this office and verify the correct schedule of the prevailing rates of wages for use on the project. Your project number is as follows: 019-H-00367-09-4, Heavy/Highway

Sincerely,

Michael L. Dixon
Commissioner

803 KAR 1:120. Prevailing wage posting requirements.

RELATES TO: KRS: 337.520(1)
STATUTORY AUTHORITY: KRS 337.530
NECESSITY, FUNCTION, AND CONFORMITY: KRS 337.520(1) authorizes the executive director to promulgate administrative regulations to carry out the provisions and purposes of KRS 337.505 to 337.550 and to prevent their circumvention or evasion. This administrative regulation clarifies the prevailing wage requirements of KRS 337.530 and specifies that translated rates be posted if non-English speaking employees are on the construction site. This administrative regulation imposes different requirements than federal law. Federal law does not require posting of wage rates and hours at the primary site entrance, and does not require the posting of translated rates where non-English speaking persons are present. Employers can differ as to what is considered a conspicuous place or places within the meaning of the statute. By requiring that the rates be posted at least at the primary site entrance, this administrative regulation will assist employers in complying with the posting requirement. In addition, non-English speaking construction employees are increasing in numbers; the requirement that translated rates be posted provides a clear benefit to non-English speaking employees.

Section 1. Posting of the Wage Rates for Public Projects shall comply with KRS 337.530(3). The posting shall be in a conspicuous place and at a minimum shall appear in the open at the primary project site entrance. The method of posting shall be of sufficient size for each page of the rates to be visible without overlapping.

Section 2. Posting shall be legible and readily accessible to anyone on the job site. If non-English speaking employees are present on the job site, translated rates shall be furnished by the Labor Cabinet and posted alongside the rates.

Section 3. Any contractor or subcontractor performing work on the project who does not post the rates shall be in violation of KRS 337.530(3). Civil money penalties shall be issued for all violations subsequent to the first violation, in accordance with KRS 337.990. (35 Ky.R. 1960; 2434; eff. 6-5-2009.)

KENTUCKY LABOR CABINET
PREVAILING WAGE DETERMINATION
CURRENT REVISION
LOCALITY 24

CAMPBELL & PENDLETON COUNTIES

PROGRAM NO: 019-H-00367-09-4

_____BLDG __xx____HH

Determination No. CR-4-024 2009

Date of Determination: October 26, 2009

This schedule of the prevailing rate of wages for Campbell & Pendleton Counties has been determined in accordance with the provisions of KRS 337.505 to 337.550. This determination shall be referred to as Prevailing Wage Determination No.CR-4-024 2009.

Apprentices shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request to any interested person.

Overtime is to be computed at not less than one and one-half (1 1/2) times the indicated BASE RATE for all hours worked in excess of eight (8) hours per day, and/or in excess of forty (40) hours per week. However, KRS 337.540 permits an employee and employer to agree, in writing, that the employee will be compensated at a straight time base rate for hours worked in excess of eight (8) hours in any one calendar day, but not more than ten (10) hours worked in any one calendar day, if such written agreement is prior to the over eight (8) hours in a calendar day actually being worked, or where provided for in a collective bargaining agreement. The fringe benefit rate is to be paid for each hour worked at a straight time rate for all hours worked.

Fringe benefit amounts are applicable for all hours worked except when otherwise noted. Welders will receive rate for craft in which welding is incidental.

NOTE: The type of construction shall be determined by applying the following definitions:

BUILDING CONSTRUCTION

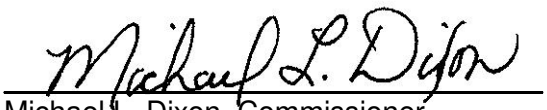
Building construction is the construction of sheltered enclosures with walk-in access for the purpose of housing persons, machinery, equipment, or supplies. It includes all construction of such structures, the installation of utilities and the installation of equipment, both above and below grade level, as well as incidental grading, utilities and paving.

HIGHWAY CONSTRUCTION

Highway construction includes the construction, alteration or repair of roads, streets, highways, runways, taxiways, alleys, trails, paths, parking areas, and other similar projects not incidental to building or heavy construction. It includes all incidental construction in conjunction with the highway construction project.

HEAVY CONSTRUCTION

Heavy projects are those projects that are not properly classified as either "building" or "highway". For example, dredging projects, water and sewer line projects, dams, flood control projects, sewage treatment plants and facilities, and water treatment plants and facilities are considered heavy.



Michael L. Dixon, Commissioner
Department of Workplace Standards
Kentucky Labor Cabinet

Determination No. CR-4-024 2009
October 26, 2009

CLASSIFICATIONS RATE AND FRINGE BENEFITS

CAMPBELL & PENDLETON COUNTIES:

ASBESTOS/INSULATION WORKERS:

Asbestos/Insulation Workers: (Includes application of all insulating materials, protective coverings, coatings & finishing to all types of mechanical systems):

	BASE RATE	$26.98
	FRINGE BENEFITS	11.89

Hazardous Material Handler ((Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems):

	BASE RATE	$21.75
	FRINGE BENEFITS	8.55

CAMPBELL & PENDLETON COUNTIES:

BOILERMAKERS:		BASE RATE	$34.54
		FRINGE BENEFITS	15.47

CAMPBELL & PENDLETON COUNTIES:

BRICKLAYERS:

Bricklayers, Caulkers, Cleaners, Pointers & Stonemasons:		BASE RATE	$26.12
		FRINGE BENEFITS	9.73
Refractory:		BASE RATE	$26.62
		FRINGE BENEFITS	9.73
Marble Setters, Terrazzo Workers & Tile Setters:			
	BUILDING	BASE RATE	$26.37
		FRINGE BENEFITS	9.39
Marble Terrazzo & Tile Finishers:	BUILDING	BASE RATE	$21.93
		FRINGE BENEFITS	9.39
Marble Sanders, Polishers, Waxers, & Sawyers:			
	BUILDING	BASE RATE	$22.00
		FRINGE BENEFITS	9.39
Terrazzo Base Grinders (While operating base grinding machine):			
	BUILDING	BASE RATE	$22.35
		FRINGE BENEFITS	9.39

CLASSIFICATIONS		RATE AND FRINGE BENEFITS	
CAMPBELL & PENDLETON COUNTIES:			
CARPENTERS:			
Carpenters, Piledrivermen & Lathers:	BUILDING	BASE RATE	$21.47
		FRINGE BENEFITS	10.67
Carpenters & Piledrivermen:	HEAVY & HIGHWAY	BASE RATE	$27.05
		FRINGE BENEFITS	9.69
Divers:	HEAVY & HIGHWAY	BASE RATE	$40.58
		FRINGE BENEFITS	9.69
CAMPBELL & PENDLETON COUNTIES:			
CEMENT MASONS/CONCRETE FINISHERS:			
	BUILDING	BASE RATE	$22.30
		FRINGE BENEFITS	9.65
	HEAVY & HIGHWAY	BASE RATE	$25.75
		FRINGE BENEFITS	8.60
CAMPBELL & PENDLETON COUNTIES:			
ELECTRICIANS:			
Electricians:		BASE RATE	$26.11
		FRINGE BENEFITS	13.32
LINE CONSTRUCTION:			
Lineman:	BUILDING	BASE RATE	$28.30
		FRINGE BENEFITS	10.34
Equipment Operator:	BUILDING	BASE RATE	$25.47
		FRINGE BENEFITS	9.78
Groundman:	BUILDING	BASE RATE	$18.40
		FRINGE BENEFITS	8.38
SOUND & COMMUNICATION TECHNICIAN:		BASE RATE	$20.45
		FRINGE BENEFITS	6.95

CLASSIFICATIONS		RATE AND FRINGE BENEFITS	
ELEVATOR MECHANICS:		BASE RATE	$36.24
		FRINGE BENEFITS	18.285

CAMPBELL & PENDLETON COUNTIES:

GLAZIERS:		BASE RATE	$23.70
		FRINGE BENEFITS	10.35

CAMPBELL & PENDLETON COUNTIES:

IRONWORKERS:

Ornamental & Structural:		BASE RATE	$26.17
		FRINGE BENEFITS	16.72
Fence Erector:		BASE RATE	$23.55
		FRINGE BENEFITS	16.72

REINFORCING:

Beyond 30-mile radius of Hamilton County, OH Courthouse		BASE RATE	$26.45
		FRINGE BENEFITS	16.70
Up to and including 30-mile radius of Hamilton County, OH Courthouse		BASE RATE	$26.20
		FRINGE BENEFITS	16.70

CAMPBELL COUNTY:

LABORERS/BUILDING:

Building & Common Laborer, Asbestos Removal, Cement Mason Tender, Hand Operated Mechanical Mule, Mechanical Sweeper, Signaler, Flagger & Wrecking Laborer:

	BUILDING	BASE RATE	$23.15
		FRINGE BENEFITS	7.50
Bottom Man & Pipe Layer:	BUILDING	BASE RATE	$23.25
		FRINGE BENEFITS	7.50

Skid Steer, Burning Torch Operator, Jackhammer, Air Spade, Chipping Hammer, Mechanical & Air Tamper Operator, Mechanical Concrete Buggy, Power Operated Mechanical Mule, Concrete Pump Hose Man, Vibrator Man, CERCLA Trained Hazardous Material Removal Levels A, B, C:

	BUILDING	BASE RATE	$23.30
		FRINGE BENEFITS	7.50

CAMPBELL COUNTY: LABORERS/ BUILDING:(Continued)

Bottom Jackhammer Man:	BUILDING	BASE RATE	$23.35
		FRINGE BENEFITS	7.50
Tunnel laborer:	BUILDING	BASE RATE	$23.65
		FRINGE BENEFITS	7.50
Gunnite Nozzle Operator:	BUILDING	BASE RATE	$23.90
		FRINGE BENEFITS	7.50
Mason Tender:	BUILDING	BASE RATE	$23.10
		FRINGE BENEFITS	7.50
PLASTERER TENDER:			
Mixer Pump Operator:	BUILDING	BASE RATE	$18.45
		FRINGE BENEFITS	3.90
Tender:	BUILDING	BASE RATE	$18.30
			3.90

LABORERS/HEAVY HIGHWAY:

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control:

	HEAVY & HIGHWAY	*BASE RATE	$25.27
		FRINGE BENEFITS	7.50

GROUP 2 - Skid Steer; Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Sheeting & Shoring Man; Surface Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B):

	HEAVY & HIGHWAY	*BASE RATE	$25.44
		FRINGE BENEFITS	7.50

CLASSIFICATIONS RATE AND FRINGE BENEFITS

CAMPBELL COUNTY: LABORERS/ HEAVY & HIGHWAY:(Continued)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarner; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - $1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker:

HEAVY & HIGHWAY	*BASE RATE	$25.77
	FRINGE BENEFITS	7.50

GROUP 4 - Miner (With Air-pressurized - $1.00 premium); & Gunite Nozzle Person:

HEAVY & HIGHWAY	*BASE RATE	$26.22
	FRINGE BENEFITS	7.50

***Signal Person will receive the rate equal to the rate paid the laborer classification for which he or she is signaling.**

PENDLETON COUNTY:

LABORERS/BUILDING:

GROUP 1 - Asbestos Abatement, Carpenter Tender, General, Concrete Pouring & Curing, Concrete Form Stripping & Wrecking, Hand Digging & Backfilling of Ditches, Clearing of Right-of-ways & Building Sites, Wood Sheeting & Shoring, Signalperson for Concrete Bucket, General Cleaning, Toxic Waste Removal, & Environmental Laborer – Nuclear, Radiation, Toxic & Hazardous Waste Level D:

BUILDING	BASE RATE	$20.86
	FRINGE BENEFITS	8.30

GROUP 2 - Air Tool Operator, Air Track Drill, Asphalt Raker, Tamper, Batcher Plant & Scale Man, Chain Saw, Concrete Saw, Electric Hand Grinder, Electric Bush & Chipping Hammer, Flagperson, Forklift Operator, Form Setter (Street or Highway), Gunnite, Hand Spiker, Introflax Burning Rod, Joint Maker, Mason Tender, Pipelayer, Plasterer Tender, Power Driven Georgia Buggy, Power Posthole Digger, Railroad, Sandblaster, Scow Man & Deck Hand, Signalperson, Sweeper & Cleaner Machine, Vibrator Operator, Walk Behind Trenching Machine, Mortar Mixer Machine, Water Pumpman, Metal Form Setter, Heater, Mesh Handler on walkways, Streets & Roadways (Outside Buildings), & Environmental Laborers – Nuclear, Radiation, Toxic & Hazardous Waste – Level C:

BUILDING	BASE RATE	$21.26
	FRINGE BENEFITS	8.30

GROUP 3 - Gunnite Nozzleman & Gunnite Nozzle Machine Operator, Sand Blaster Nozzleman, Concrete or Grout Pumpman, & Plaster Pumpman:

BUILDING	BASE RATE	$21.46
	FRINGE BENEFITS	8.30

PENDLETON COUNTY:

LABORERS/BUILDING: (Continued)

GROUP 4 - Powderman & Blaster, & Environmental Laborer – Nuclear, Radiation, Toxic & Hazardous Waste – Level B:

BUILDING	BASE RATE	$21.56
	FRINGE BENEFITS	8.30

GROUP 5 - Caisson Hole (6 ft & over – Pressure & Free Air Including Tools), Construction Specialist, & Environmental Laborer – Nuclear, Radiation, Toxic & Hazardous Waste – Level A:

BUILDING	BASE RATE	$22.06
	FRINGE BENEFITS	8.30

GROUP 6 - Tunnel Man & Tunnel Sand Miner, Cofferdam (Pressure & Free Air), & Sand Hog or Mucker (Pressure or Free Air):

BUILDING	BASE RATE	$22.36
	FRINGE BENEFITS	8.30

LABORERS/HEAVY HIGHWAY:

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup:

HEAVY & HIGHWAY	BASE RATE	$20.36
	FRINGE BENEFITS	9.90

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller:

HEAVY & HIGHWAY	BASE RATE	$20.61
	FRINGE BENEFITS	9.90

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster:

HEAVY & HIGHWAY	BASE RATE	$20.66
	FRINGE BENEFITS	9.90

PENDLETON COUNTY: LABORERS/HEAVY & HIGHWAY: (Continued)

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Driller (All Types); Powderman & Blaster; Troxler & Concrete Tester if Laborer is Utilized:

	HEAVY & HIGHWAY	BASE RATE	$21.26
		FRINGE BENEFITS	9.90

CAMPBELL & PENDLETON COUNTIES:

MILLWRIGHTS:		BASE RATE	$27.55
		FRINGE BENEFITS	15.39

CAMPBELL & PENDLETON COUNTIES:

OPERATING ENGINEERS/BUILDING:

GROUP 1 - Boom & Jib 250' & Over:

	BUILDING	BASE RATE	$30.74
		FRINGE BENEFITS	11.16

GROUP 2 - Boom & Jib Over 180' through 249':

	BUILDING	BASE RATE	$30.49
		FRINGE BENEFITS	11.16

GROUP 3 - Boom & Jib 150' through 180':

	BUILDING	BASE RATE	$29.99
		FRINGE BENEFITS	11.16

GROUP 4 - Master Mechanic:	BUILDING	BASE RATE	$29.74
		FRINGE BENEFITS	11.16

GROUP 5 - Barrier Moving Machine; Boiler or Compressor Mounted on Crane (Piggy-Back Operation); Boom Truck (All Types); Cableway; Cherry Picker; Combination Concrete Mixer & Tower; All Concrete Pumps with Booms; Crane (All Types); Crane-Compact, Track or Rubber Over 4,000 lbs Capacity; Crane-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick (All Types); Dragline; Dredge (Dipper, Clam or Suction) 3 Man Crew; Elevating Grader or Euclid Loader; Floating Equipment; Forklift(rough terrain with winch/hoist) Grade-All; Helicopter Operator & Helicopter Winch Operator (Hoisting Builders Materials); Hoe (All Types); Hoist (Two or More Drums); Horizontal Directional Drill; Hydraulic Gantry (Lift System); Laser Finishing Machine; Laser Screed and Like Equipment; Lift Slab or Panel Jack; Locomotive (All Types); Maintenance Engineer (Mechanic and/or Welder); Mixer, Paving (Multiple Drum); Mobile Concrete Pump With Boom; Panelboard (All Types on Site); Pile Driver; Power Shovel; Prentice Loader; Rail Tamper (with Automatic Lifting & Aligning device); Rotary Drill (All) used on Caisson Work for Foundations & Substructure work; Side Boom; Slip Form Paver; Straddle Carrier (Building Construction on Site); Trench Machine (Over 24" Wide); & Tug Boat:

	BUILDING	BASE RATE	$29.49
		FRINGE BENEFITS	11.16

CAMPBELL & PENDLETON COUNTIES: OPERATING ENGINEERS/BUILDING (Continued):

GROUP 6 - Asphalt Paver; Bobcat-type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Bulldozer; C.M.I. Type Equipment; Endloader; Hydro Milling Machine; Kolman Type Loader (Dirt Loading); Lead Greaseman; Mucking Machine; Pettibone-Rail Equipment; Power Grader; Power Scoop; Power Scraper; Push Cat; Rotomill (All), Grinders & Planers of All Types & Vermeer Type Concrete Saw:

BUILDING	BASE RATE	$29.37
	FRINGE BENEFITS	11.16

GROUP 7 - A-Frame; Air Compressor Pressurizing Shafts or Tunnels; Asphalt Roller (All); Bobcat-type and/or Skid Steer Loader with or without Attachments; Boiler (15 lbs. pressure & over); All Concrete Pumps without Booms & with 5" System; Forklift (Except Masonry); Highway Drills-All Types (with Integral Power); Hoist (One Drum); House Elevator (except those automatic call button controlled); Man Lift; Material Hoist/Elevator; Mud Jack; Pressure Grouting; Pump (Installing or Operating Well Points or other Type of Dewatering Systems); Pump (4" and over Discharge); Railroad Tie Inserter/Remover; Rotovator (Lime soil Stabilizer); Submersible Pump (4" and over Discharge); Switch & Tie Tamper (w/o lifting & aligning device); Trench Machine (24" & under); & Utility:

BUILDING	BASE RATE	$28.33
	FRINGE BENEFITS	11.16

GROUP 8 - Ballast Relocator; Backfiller & Tamper; Batch Plant; Bar & Joint Installing Machine; Bull Floats; Burlap & Curing Machines; Clefplanes; Compressor on Building Construction; Concrete Mixer, Capacity more than one bag; Concrete Mixer, one bag capacity (side loader); All Concrete Pumps without Booms with 4" or Smaller System; Concrete Spreading Machine; Conveyor, used for handling building materials; Crusher; Deckhand; Drum Fireman in Asphalt Plant; Farm Type Tractor, Pulling Attachments; Finishing Machines; Form Trencher; Generator; Gunite Machine; Hydro-Seeder; Pavement Breaker (Hydraulic or Cable); Post Driver; Post Hole Digger; Pressure Pump (over 1/2" discharge); Road Widening Trencher; Roller (except Asphalt); Self-propelled Power Spreader; Self-propelled Sub-Grader; Shotcrete Mahine; Tire Repairman; Tractor (Pulling Sheep Foot Roller or Grader); VAC/ALL; Vibratory Compactor (with Integral Power) & Welder:

BUILDING	BASE RATE	$27.15
	FRINGE BENEFITS	11.16

GROUP 9 - Allen Screed Paver(concrete); Boiler (Less than 15 lbs. pressure); Crane-Compact, Track or Rubber under 4,000 lbs.; Directional Drill "Locator"; Inboard & Outboard Motor Boat Launch; Light Plant; Masonry Forklift; Oiler; Power Driven Heater (Oil Fired); Power Scrubber; Power Sweeper; Pump (Under 4" discharge); & Submersible Pump (Under 4" discharge):

BUILDING	BASE RATE	$21.69
	FRINGE BENEFITS	11.16

OPERATING ENGINEERS/HEAVY HIGHWAY

Master Mechanic & Boom from 150 to 180:

HEAVY & HIGHWAY	BASE RATE	$29.74
	FRINGE BENEFITS	11.16

CAMPBELL & PENDLETON COUNTIES: OPERATING ENGINEERS/HEAVY HIGHWAY: (Continued):

Boom from 180 & over:	HEAVY & HIGHWAY	BASE RATE	$29.99
			11.16

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Grade-All; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Horizontal Directional Drill (over 500,000 ft. lbs. thrust); Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; & Wheel Excavator:

HEAVY & HIGHWAY	BASE RATE	$29.49
	FRINGE BENEFITS	11.16

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); & Vermeer type Concrete Saw:

HEAVY & HIGHWAY	BASE RATE	$29.37
	FRINGE BENEFITS	11.16

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); & Welding Machines:

HEAVY & HIGHWAY	BASE RATE	$28.33
	FRINGE BENEFITS	11.16

CAMPBELL & PENDLETON COUNTIES: OPERATING ENGINEERS/HEAVY HIGHWAY (Continued):

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway) except Masonry); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift (highway); Form Trencher; Hydro Hammer; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); & Vibratory Compactor with Integral Power:

	HEAVY & HIGHWAY	BASE RATE	$27.15
		FRINGE BENEFITS	11.16

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt); Generator; Masonry Fork Lift; Inboard-Outboard Motor Boat Launch; Masonry Fork Lift; Oil Heater (asphalt plant); Oiler; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; & VAC/ALLS:

	HEAVY & HIGHWAY	BASE RATE	$21.69
		FRINGE BENEFITS	11.16

CAMPBELL & PENDLETON COUNTIES:

PAINTERS:

Brush; Roller; Paperhanging & Drywall Taping:

	BUILDING	BASE RATE	$23.10
		FRINGE BENEFITS	6.83
Spray:	BUILDING	BASE RATE	$23.60
		FRINGE BENEFITS	6.83
Sandblasting; Waterblasting:	BUILDING	BASE RATE	$23.85
		FRINGE BENEFITS	6.83
Lead Abatement:	BUILDING	BASE RATE	$24.10
		FRINGE BENEFITS	6.83
Sign Painter & Erector:	BUILDING	BASE RATE	$17.57
		FRINGE BENEFITS	4.55

CAMPBELL & PENDLETON COUNTIES: PAINTERS (Continued):

BRIDGES – GUARDRAILS – LIGHTPOLES – STRIPING**:**

Bridge/Equipment Tender and/or Containment Builder:			
	HEAVY & HIGHWAY	BASE RATE	$20.49
		FRINGE BENEFITS	6.83
Brush & Roller:	HEAVY & HIGHWAY	BASE RATE	$23.10
		FRINGE BENEFITS	6.83
Spray:	HEAVY & HIGHWAY	BASE RATE	$23.60
		FRINGE BENEFITS	6.83
Sandblasting; Waterblasting:	HEAVY & HIGHWAY	BASE RATE	$23.85
		FRINGE BENEFITS	6.83
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement:			
	HEAVY & HIGHWAY	BASE RATE	$24.10
		FRINGE BENEFITS	6.83

CAMPBELL & PENDLETON COUNTIES:

PLASTERERS:	BUILDING	BASE RATE	$22.00
		FRINGE BENEFITS	10.10

CAMPBELL & PENDLETON COUNTIES:

PLUMBERS & PIPEFITTERS:		BASE RATE	$28.39
		FRINGE BENEFITS	14.30

CAMPBELL & PENDLETON COUNTIES:

ROOFERS (excluding metal roofs):			
Roofers:		BASE RATE	$26.31
		FRINGE BENEFITS	11.07
Pitch:		BASE RATE	$27.31
		FRINGE BENEFITS	11.07

CAMPBELL COUNTY:

SHEETMETAL WORKERS (including metal roofs):		BASE RATE	$27.33
		FRINGE BENEFITS	14.66

CLASSIFICATIONS		RATE AND FRINGE BENEFITS	
PENDLETON COUNTY:			
SHEETMETAL WORKERS (including metal roofs):		BASE RATE	$27.86
		FRINGE BENEFITS	14.46
CAMPBELL & PENDLETON COUNTIES:			
SPRINKLER FITTERS:		BASE RATE	$29.50
		FRINGE BENEFITS	14.80
CAMPBELL & PENDLETON COUNTIES:			
TRUCK DRIVERS:			
3 Tons & Under; Greaser; Tire Changer; & Mechanic Tender:			
	BUILDING	BASE RATE	$19.57
		FRINGE BENEFITS	12.17
Over 3 Tons; Semi-Trailer or Pole Trailer; Dump Tandem Axles; Farm Tractor (When used to pull building material & equipment):			
	BUILDING	BASE RATE	$19.68
		FRINGE BENEFITS	12.17
Concrete Mixer (Hauling on jobsites); & Truck Mechanic:			
	BUILDING	BASE RATE	$19.75
		FRINGE BENEFITS	12.17
Euclid's & Other Heavy Moving Equipment; Lowboy; Articulating End Dump, Winch, A-Frame & Monorail Truck (To transport building materials):			
	BUILDING	BASE RATE	$19.85
		FRINGE BENEFITS	12.17
(On hazardous or toxic waste sites, add $4.00 premium to all of above)			
Driver:	HEAVY & HIGHWAY	BASE RATE	$15.85
		FRINGE BENEFITS	4.60
Euclid Wagon; End Dump; Lowboy; Heavy Duty Equipment; Tractor-Trailer Combination; & Drag:			
	HEAVY & HIGHWAY	BASE RATE	$16.29
		FRINGE BENEFITS	4.60

End of Document
CR-4-024 2009
October 26, 2009
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GENERAL DECISION: KY20080028 09/11/2009 KY28

Date: September 11, 2009
General Decision Number: KY20080028 09/11/2009

Superseded General Decision Number: KY20070028

State: Kentucky

Construction Types: Heavy and Highway

Counties: Boone, Campbell, Kenton and Pendleton Counties in Kentucky.

Heavy and Highway Construction Projects

Modification Number	Publication Date
0	02/08/2008
1	03/07/2008
2	05/02/2008
3	06/06/2008
4	07/04/2008
5	08/15/2008
6	09/05/2008
7	10/03/2008
8	11/07/2008
9	12/05/2008
10	01/02/2009
11	02/06/2009
12	05/01/2009
13	06/05/2009
14	07/03/2009
15	09/11/2009

* BRKY0002-005 06/01/2009

	Rates	Fringes
BRICKLAYER	$ 26.12	9.73

BROH0001-005 06/01/2008

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 25.75	8.60

CARP0698-001 05/01/2009

BOONE, CAMPBELL, KENTON & PENDLETON COUNTIES:

	Rates	Fringes
Carpenter & Piledrivermen	$ 27.05	9.69
Diver	$ 40.58	9.69

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* CARP1066-003 09/01/2009

	Rates	Fringes
MILLWRIGHT	$ 27.55	15.39

ELEC0212-007 06/01/2009

	Rates	Fringes
ELECTRICIAN	$ 26.11	13.32

ELEC0212-013 01/01/2006

	Rates	Fringes
Sound & Communication Technician	$ 20.45	6.95

ENGI0018-013 05/01/2009

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1	$ 29.49	11.16
GROUP 2	$ 29.37	11.16
GROUP 3	$ 28.33	11.16
GROUP 4	$ 27.15	11.16
GROUP 5	$ 21.69	11.16
GROUP 6	$ 29.74	11.16
GROUP 7	$ 29.99	11.16

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Horizontal Directional Drill (over 500,000 ft. lbs. thrust); Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; & Wheel Excavator

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24"

wide & under); & Vermeer type Concrete Saw

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); & Welding Machines

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway) except Masonry); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift (highway); Form Trencher; Hydro Hammer; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); & Vibratory Compactor with Integral Power

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt); Generator; Masonry Fork Lift; Inboard-Outboard Motor Boat Launch; Masonry Fork Lift; Oil Heater (asphalt plant); Oiler; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; & VAC/ALLS

GROUP 6 - Master Mechanic & Boom from 150 to 180

GROUP 7 - Boom from 180 and over

IRON0044-008 06/01/2009

	Rates	Fringes
Ironworkers:		
Fence Erector	$ 23.55	16.72
Structural	$ 26.17	16.72

IRON0372-004 06/01/2009

	Rates	Fringes
IRONWORKER, REINFORCING		
Beyond 30-mile radius of Hamilton County, Ohio Courthouse	$ 26.45	16.70
Up to & including 30-mile radius of Hamilton County, Ohio Courthouse	$ 26.20	16.70

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* LABO0189-004 07/01/2009

PENDLETON COUNTY:

	Rates	Fringes
LABORER		
GROUP 1	$ 20.36	9.90
GROUP 2	$ 20.61	9.90
GROUP 3	$ 20.66	9.90
GROUP 4	$ 21.26	9.90

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Driller (All Types); Powderman & Blaster; Troxler & Concrete Tester if Laborer is Utilized

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LABO0265-009 05/01/2009

BOONE, CAMPBELL & KENTON COUNTIES:

	Rates	Fringes
LABORER		
GROUP 1	$ 25.27	7.50
GROUP 2	$ 25.44	7.50
GROUP 3	$ 25.77	7.50
GROUP 4	$ 26.22	7.50

LABORER CLASSIFICATIONS

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Highway Lighting Worker; Signalization Worker; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control

GROUP 2 - Skid Steer; Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Sheeting & Shoring Man; Surface Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarner; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - $1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker

GROUP 4 - Miner; & Gunite Nozzle Person

TUNNEL LABORER WITH AIR-PRESSURIZED ADD $1.00 TO BASE RATE

SIGNAL PERSON WILL RECEIVE THE RATE EQUAL TO THE RATE PAID THE LABORER CLASSIFICATION FOR WHICH HE OR SHE IS SIGNALING.

PAIN0012-016 06/14/2008

	Rates	Fringes
Painters: (HEAVY & HIGHWAY BRIDGES - GUARDRAILS-LIGHTPOLES -STRIPING)		
Bridge Equipment Tender and Containment Builder	$ 20.49	6.83
Brush & Roller	$ 23.10	6.83
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement	$ 24.10	6.83
Sandblasting & Water Blasting	$ 23.85	6.83
Spray	$ 23.60	6.83

PLUM0392-008 06/01/2008

	Rates	Fringes
PLUMBER	$ 28.39	14.30

SUKY1996-001 02/05/1996

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 15.85	4.60
GROUP 2	$ 16.29	4.60

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Driver

GROUP 2 - Euclid Wagon; End Dump; Lowboy; Heavy Duty Equipment; Tractor-Trailer Combination; & Drag

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

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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)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

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