

ADDENDUM #1**Dated: May 3, 2024****New River Regional Water Authority
Water Treatment Plant Expansion**

1. The minutes of the Pre-Bid Conference held on April 18, 2024 are an integral part of the Contract Documents and are incorporated by reference, including Technical Specification Clarifications and Revisions contained within.

Changes to Upfront Contract Documents

1. Revise Section 00810 – “EDA Contract Inserts” to replace the “Construction Type: Building” wage rate document dated 02/02/2024 with the attached revised document dated 03/29/2024 and adding the “Construction Type: Heavy” wage rate document dated 01/05/2024.
2. Revise Title of Section 00941 to be “Change Order”.

Changes to Technical Specifications

1. Revise Section 02080 – “Utility Pipe & Materials” as follows:
 - 1.2.2 *{Deleted – Refer to “Questions and Clarifications” Item #6 this addendum}*
 - 2.1.2.6 Ductile iron pipe shall be Pressure Class 350.
 - 2.2.5 **Restrained Joint Fittings**: Restrained joint fittings shall be utilized on all pressure pipe fittings beneath slab and on all buried pressure water pipe joints. Restrained joints shall use mechanical joint pipe with a mechanical retainer gland. Dimensions of the glands shall be such that they can be used with the standardized mechanical joint bell and tee head bolts conforming to the requirements of AWWA C 111 and AWWA C 153. Restrained joint fittings shall be EBAA Iron Mega-Lug Series 1100, Ford Series 1400, Romac RomaGrip, or equal.
 - 2.3.1 **Service Meters** Water service meter in Sludge Dewatering Building shall be provided and installed by Contractor and shall be positive displacement or ultrasonic style manufactured by Sensus, Badger, or equal.
 - 2.4 **Miscellaneous Devices** *(Revise Paragraph numbers to indicate 2.4 – Miscellaneous Devices and 2.4.1 – Mag Meters)*

2. Revise Section 02085 – “Valves” as follows:

2.5.A Waste Valve In lieu of electrically actuated angle waste valve, contractor may supply an electrically actuated flanged butterfly valve with fabricated stainless steel transition box to adapt from filter wall penetration flange to butterfly inlet flange. Contractor shall coordinate with valve supplier and be responsible for collecting field measurements for transition box fabrication. Transition box shall maintain minimum valve size opening dimensions throughout from inlet to outlet.

2.8.D Air Release, Air Vacuum, and Combination Valves for Wastewater: Air release valve body shall be cast iron meeting requirement of ASTM A126 Class B, stainless steel (ASTM A744 CF8M), or reinforced. Release valves at vertical turbine pumps shall be 2” size air/vacuum fully automatic float operated type valves designed to exhaust or intake large quantities of air during the startup and shutdown of the pump and shall be NSF 61 approved for potable water application. Air release valves on sludge manifold pipes in Sludge Dewatering Building shall be 1” combination air valves for wastewater application.

3. Revise Section 11015 – “Miscellaneous Equipment” to add the following paragraph:

2.6 Solids Holding Basin Baffles: Baffles at Solids Holding Basin shall be semi-permeable 30 oz/yd² PVC Coated Polyester Fabric (Black) with encase 304 stainless steel tension cable on all sides and stainless steel turnbuckles, shackles, and other mounting hardware. Baffles shall be manufactured by ABASCO, or equal.

4. Revise Section 11224 to delete Paragraph 2.5 “Filter Console”. Filter console enclosure is specified in Section 16900 Paragraph 2.8.A and is anticipated to be provided by controls supplier.

5. Revise Section 11680 – “Sludge Collector” to revise the following paragraphs:

2.3.B *{Deleted}*

2.4.C Each collector assembly shall consist of four sludge collection header pipes each equal to half the basin width. Each header pipe shall have helical flow orifice blocks of UHMW-PE material spaced by the manufacturer, *or flow balancing diagonals*, to ensure proper distribution across the length of the header. Header pipes shall have removable end caps for easy clean out.

2.4.E The helical flow orifice blocks shall be designed to cause flow to enter tangentially into the header pipe for more efficient sludge removal and reduced head loss. Orifices shall be ¾-inch in diameter shaped to cause a spiral flow inside the header pipe to prevent solids from settling and shall point forward to remove the settled solids ahead of the pipe as it travels down the basin. Holes drilled in the bottom of the header pipe shall not be allowed. ~~Systems without forward facing tangential flow orifice blocks of UHMW-PE will not be allowed.~~

2.4.H The sludge exit conduit shall include a UHMW-PE flow balancing ring, *or flow balancing diagonals*, designed by CFD analysis to assure equal flow from the front and back sludge collection headers.

6. Revise Section 11690 – “Tube Settlers” to note throughout that tube material may be NSF 61 approved PVC or polypropylene and to revise the following paragraphs:
 - 2.2.E The plastic shall have a minimum tensile strength of 5,000 PSI, and a modulus of elasticity in tension of 35 x 10⁴ PSI. PVC shall have a specific gravity of 1.41 +/- .02 and polypropylene shall have a specific gravity of 1.02 +/- .05. The material shall contain carbon black or titanium dioxide as a UV stabilizer. The tube modules shall be designed to support a dead load of 4.25 lbs/ft² and a live load of 15 lbs/ft² or a concentrated load of 250 lbs when supported on a 10’ span.
 - 2.4.A The support structures for the tube settlers, troughs and baffles shall be manufactured of FRP or Type 304 Stainless Steel tubes and shapes ...
 - 2.5.A The baffles shall attach to the support structure previously described and include all necessary appurtenances and the baffle panels themselves. All structures, baffle panels and fasteners shall be manufactured of Type 304 Stainless Steel or FRP shapes with a 304 stainless steel frame.
7. Revise Section 15400 – “Plumbing” to add the following paragraphs:
 - 2.8 Filter Sample Pump: Sample pump at Filter #4 shall have a capacity of 4 gpm at 24 feet TDH and a minimum shut off head of 34 feet. Sampling pumps shall be NSF 61 approved and shall be Grundfos UPS 26-99 FC/BFC , or approved equal.
 - 2.9 Sample Sink Faucet: New Filter #4 sample faucet to be installed at the laboratory sink shall be Zurn model Z875U2, or approved equal.

Changes to Plan Sheets

1. Revise Sheets C03 Note 1 as follows:
 1. During all construction activities where raw water supply is disrupted or planned to be disrupted for more than 8 hours, the contractor shall either provide a temporary portable raw water pump connected at the existing bypass pump location or have arrangements in place with a portable pump supplier to have a portable pump available with guaranteed delivery within 24 hours of notice. Contractor to provide pump and all incidental items including fuel. Pump shall be Godwin Dri-Prime HL200M (2MGD @220’TDH) or approved equal.
2. Revise Sheets C18 to note that interior filter dimensions are 19’-0” square.
3. Add Sheet D03 – “Standard Details” dated 5/3/2024.
4. Replace Plan Sheets E04 – E09 with revised sheets dated 5/3/2024 to include the following changes:
 - Existing Panelboard “MDPRW” to remain with new 3 pole breaker installed for proposed Surge Protective Device
 - New molded case circuit breaker with enclosure for proposed Active Harmonic Filter

- VFD cable from drives to proposed raw water pumps.
5. Replace Plan Sheets E11 – E14 with revised sheets dated 5/3/2024 to include the following changes:
 - VFD cable from drive to proposed Finished Water Pump #3.

Questions & Clarifications

1. Paint products specified in Sections 09910 – “Exterior Painting” and 09920 – “Interior Painting” apply to all new work on the project for the indicated materials. Existing piping and other surfaces are not to be painted unless disturbed by new construction.
2. Vertical turbine pump supplier is not responsible for providing or testing variable frequency drives, active harmonic filter, or any components beyond the specified pump and motor scope of material supply.
3. Panelboards, molded case circuit breakers, and safety switch enclosures within Raw Intake Electrical Room, High Service (Finished Water) Station, and Sludge Dewatering Building electrical area shall be Nema 12 rated.
4. Equipment and services identified in Division 16 specifications are not required to be provided by a single subcontractor or supplier. Unless otherwise indicated, General Contractor may obtain materials and services from individual subcontractors and suppliers at their discretion for efficiency and value.
5. Where indicated on drawings, it is acceptable to run power and signal wiring in the same conduit, provided that the Low Level Instrumentation Cabling meets specification 16220(2.4) so the cabling is shielded and has the same voltage rating as the power conductors.
6. Refer to Section 00810 – “EDA Contract Inserts” Paragraph 29 indicating “To the greatest extent practicable, contractors are encouraged to purchase American made equipment and products with funding provided under EDA financial assistance awards”. Note that there are no defined target goals or specific requirements related to American made products.

End of Addendum #1

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

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	02/02/2024
2	03/29/2024

ASBE0024-006 10/01/2023

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR - MECHANICAL (Duct, Pipe & Mechanical System Insulation).....	\$ 40.02	19.67+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

* ELEC0666-001 03/01/2024

	Rates	Fringes
ELECTRICIAN.....	\$ 36.21	26.95%+8.17

ENGI0147-015 05/01/2022

	Rates	Fringes
POWER EQUIPMENT OPERATOR Bulldozer.....	\$ 28.60	13.05

* SUVA2013-018 01/11/2016

	Rates	Fringes
CARPENTER.....	\$ 15.84 **	1.42
GLAZIER.....	\$ 16.95 **	2.48
LABORER: Common or General.....	\$ 10.89 **	0.00

OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 11.00 **	0.50
PIPEFITTER.....	\$ 20.89	6.63
PLUMBER.....	\$ 18.45	3.05
ROOFER.....	\$ 15.56 **	3.06
SHEET METAL WORKER (HVAC Duct Installation Only).....	\$ 17.73	6.44
TRUCK DRIVER: Dump Truck.....	\$ 11.25 **	0.57

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

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

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

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

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.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

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

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

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

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

Wage and Hour Administrator

U.S. Department of Labor
200 Constitution Avenue, N.W.
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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:

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END OF GENERAL DECISION"

"General Decision Number: VA20240025 01/05/2024

Superseded General Decision Number: VA20230025

State: Virginia

Construction Types: Heavy (Heavy and Sewer and Water Line)

Counties: Bland, Carroll, Dickenson, Galax*, Grayson, Henry, Lee, Martinsville*, Norton*, Russell, Wise and Wythe Counties in Virginia.

*INDEPENDENT CITIES

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines)

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: 	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.20 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 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: 	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

their agencies, are a party.

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

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