



Addendum No. 2 to Contract Documents

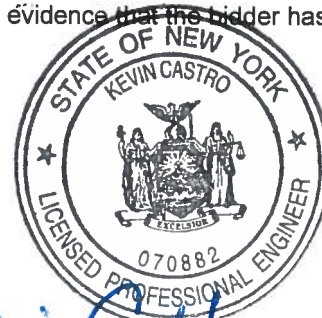
Project	Water Treatment Plant Residuals Management Improvements	Project No.	11134213
Owner	City of Binghamton, NY	Bid Reference No.	
Contract Nos.	Contract No. 1R - General Contract No. 2R - Electrical Contract No. 3R – Heating and Ventilation	Date	July 3, 2018

To All Contractors:

Contractors submitting proposals for the above-named project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become a part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's bid proposal.

Please see attached pages.

The return receipt requested with this communication is to be deemed evidence that the bidder has received this addendum and has followed the instructions outlined therein.



Kevin Castro, P.E.



CONTRACT SPECIFICATIONS

Item No. 1

Section 01010, Summary of Work, **DELETE** Article 1.09 in its entirety.

Item No. 2

Section 001026, Lump Sum Items (Bid Item Descriptions):

- A. Bid Item Description for Bid Item 1A-2, Article B, Work Included Under This Item, **DELETE** "Division 15 Specifications" and **SUBSTITUTE**:

Section 15060, Inside Process Piping
Section 15100, Inside Process Valves and Hydrants
Section 15140, Supports and Anchors
Section 15170, Motors
Section 15260, Piping Insulation
Section 15400, Plumbing-General
Section 15410, Plumbing-Supply Piping
Section 15440, Plumbing-Fixtures
Section 15516, Facility Gas Piping

- B. Bid Item Description for Bid Item 3A-2, Article B, Work Included Under This Item, **DELETE** "Division 15 Specifications" and **SUBSTITUTE**:

Section 15140, Supports and Anchors
Section 15170, Motors
Section 15835, Terminal Heat Transfer Units
Section 15870, Power Ventilators
Section 15875, Custom Make-Up Air Units With Heat Recovery
Section 15890, Ductwork
Section 15910, Ductwork Accessories
Section 15940, Air Outlets and Inlets
Section 15985, HVAC Controls and Sequence of Operation
Section 15990, Testing, Adjusting and Balancing

Item No. 3

Section 02223, Backfilling

- A. **DELETE** Article 2.02.C.3 and **SUBSTITUTE** with "Crushed stone shall be composed of materials approved by NYSDOT."
- B. Article 2.02.D.1, **DELETE** "Limestone" and **SUBSTITUTE** with "NYSDOT approved."



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Item No. 4

Appendix C, Prevailing Wage Rate Information, **REPLACE** Davis Bacon Wage Rate Schedule with the attached updated Davis Bacon Wage Rate Schedule.

CONTRACT DRAWINGS

Item No. 5

Contract Drawing A009, Detail 1, GUARDRAIL SUPPORT DETAIL and PARTIAL ROOF GUARDRAIL ELEVATION:

- A. **DELETE** every instance of the phrase "STANDARD STEEL" and **SUBSTITUTE** the phrase "SCHEDULE 40 ALUMINUM."
- B. **ADD** "a leader pointing to a vertical pipe (post), at a height above the "PREFAB PIPE BOOT" and below the lowest horizontal rail, with the text "PROVIDE POSTS IN TWO SECTIONS WITH THE BREAK OCCURRING ABOVE THE BOOT CLAMP. REINFORCE THE POST SPLICE WITH A TIGHT-FITTING 1'-3" LENGTH OF ROUND ALUMINUM BAR. WELD TO LOWER POST SEGMENT AND SECURE TO UPPER POST SEGMENT WITH (2) 3/8 – 16 SS SET SCREWS"



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CONTRACTOR QUESTIONS

The following questions were received during the bid period. Answers to the questions are provided below and/or cross-referenced with the appropriate Addendum Item.

1. How soon does project need to start? We didn't bid last time because we would not have a crew available until later this summer. Subcontractors and trades are extremely busy during the summer and either charge a lot or don't bid at all. We may be able to offer a better price if the project could start later this summer, and if the schedule were relaxed a bit to allow flexibility with our subs.
 - A. The work to be performed on project shall commence within seven calendar days from the date Notice to Proceed is given as specified in the Agreement, Article 2.
2. Would you please clarify if the plumbing work is now part of the heating & ventilating contract #3R? In spec. section 01010-3 it indicates the plumbing is contract 4R but the project is advertised as (3) contracts.
 - A. Refer to Addendum Item No. 1. Plumbing work is included under Contract 1R – General Construction.
3. See Statement and Certification of use of Local Labor.
 - a) We are based in Chemung County, is Chemung Local?
 - b) Are Pennsylvania counties that border Broome Local?
 - c) What is the definition of Local?
 - A. "Local" refers to the City and immediate surrounding area. Chemung County and Pennsylvania counties are not considered local. The use of local labor is encouraged, but responses provided on the Statement and Certification of use of Local Labor will not affect the determination of award.
4. Since Section 17101 and 17500 have been removed, can you please clarify exactly what the CSI's responsibilities would be for the Factory Acceptance Testing as well as the Field Testing/Demonstration/Validation?
 - A. The requirements for Factory Acceptance Testing are specified in Section 17010, Article 1.1 and Section 17010, Article 1.13 for Field Testing/Demonstration/Validation testing.
5. Does section 17100 3.10 C apply to the CSI since it requires factory trained supervision for: functional test of all equipment, modes, alarms, and controls?
 - A. Per Section 17010, Article 1.02.D, the CSI has the complete responsibility for the provision of all Division 17 requirements, including equipment and services.
6. Related to question 4, in section 17010, there are still requirements to develop FAT test plans. What will the CSI be responsible for regarding this topic?
 - A. The requirements for FAT test plan are listed in Section 17010, Article 1.12.



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7. No training will be offered by the CSI regarding functional PLC programming or SCADA programming. Please confirm.
 - A. Training requirements for the PLC's shall be in accordance with Section 17100, Article 3.07. Functional PLC or SCADA programming training is not required by the CSI.
8. CSI is only responsible for training on hardware related items listed in 17100 section 3.07 correct? The training syllabus developed by the CSI will not include PLC or SCADA programming. Please confirm.
 - A. The CSI is also responsible for training of all Division 17 specifications. A training syllabus for PLC or SCADA programming is not required by the CSI.
9. It has become a little unclear in these couple areas how the project will be executed. The bid documents do not list what the Engineer is responsible for, or the duties they will perform. Sections 17101 and 17500 have been removed and it opens the door for questions on what exactly the CSI vs. Engineer will be doing. Section 17010 1.02B simply states the PLC and supervisory programming will be performed by the Engineer. There are no details about other items such as FAT, field testing, or commissioning of the code/HMI.
 - A. In summary, per Section 17010, the CSI is responsible for the provision of:
 - All Division 17 equipment and services.
 - Setup, configuration and validation services of the Process Control System (consisting of the PLC's and instrumentation listed in Division 17 specifications).
 - Testing and troubleshooting of the PCS.
 - Basic PLC programming services as required to perform specified validation services.
 - First responder for PCS interruptions, issues and failures, including field issues that may have developed during PLC programming (provided by GHD).
 - Serving as the technical liaison to other contractors on issues affecting the successful completion of the point-to-point testing services and other issues affecting PCS operation or reliability.
 - Training on Division 17 supplied equipment and services.

GHD is responsible for:

- Review of Division 17 submittals.
- Review and development of I&C-focused RFIs, Field Orders and Change Orders.
- Development of PLC logic for PLCs supplied under Section 17100 only.
- PLC program uploads to Section 17100 PLCs.
- Installation of all software onto SCADA computer supplied under Section 17565.
- Development of HMI/SCADA application as required to facilitate monitoring and control of Section 17100 PLCs and monitoring of OEM PLCs supplied under Division 11 and 13 sections.
- Training on use of the completed customized HMI application.



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10. Will the last day for questions be extended based discussions at the pre-bid of the new bid date to be extended to July 2018?
 - A. Any request for interpretation received seven or more business days prior to the date fixed for the opening of bids will be considered as indicated in Instructions to Bidders Article 2.
11. In regards to the project schedule, will there now be a winter shutdown period in order for winter concrete conditions costs to not be incurred to the contractor?
 - A. A winter shutdown is not anticipated.
12. Why were Sections 17101 and 17500, included in the original bid documents, removed from the Rebid documents?
 - A. Section 17101 and 17500 were removed as directed by the Owner.
13. The insulation product proposed with the architectural façade is approximately half the cost of the wall system. Is the insulation needed? Could an insulated split-face wall system be considered?
 - A. The insulation is required as shown in the Contract Documents. Bidder will perform the Work in accordance with the Contract Documents for the prices shown in the Bid Schedule as specified in Bid Form Article 5.01. Cost saving suggestions may be considered following selection and award with appropriate credit offered.
14. Will there be any consideration for value engineering?
 - A. Bidder will perform the Work in accordance with the Contract Documents for the prices shown in the Bid Schedule as specified in Bid Form Article 5.01. Cost saving suggestions may be considered following selection and award with appropriate credit offered.
15. Sedimentation basins are currently being cleaned. Will they be cleaned again at the start of construction?
 - A. The basins require cleaning approximately two times per year, and the latest round of cleaning was completed during the re-bid. Scheduling considerations so that the basins will only require cleaning once more prior to starting the permanent dewatering system will be encouraged during construction, but will not affect the award. The Owner is planning to dewater the sedimentation basins to facilitate core drilling and pipe installation. These activities are proposed at the downstream end of the Sedimentation Basins where residuals accumulate the least, but some residuals may be present. It is understood that the Sedimentation Basins will eventually need to be cleaned to facilitate replacement of residuals collection system. Cleaning will be performed either by others as indicated in Section 01010, Part 1.15.B, or under bid items for mobilization, handling, transportation and disposal of dewatered residuals.
16. Can the schedule be extended?
 - A. Time for Completion shall be as indicated in Special Conditions Article 302.



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17. Will bid opening be delayed?
- A. Refer to Addendum No. 1.
18. In regards to the concrete repair sections: The details call for patch material. Patch material is only good up to 2" thick. For any repairs beyond 2" thick the owner should consider exposing the existing rebar so that there is 1" of clearance all around, and then form and pour with a 3500 lb. mix, similar to a NYSDOT Type "D", with number 1 stone. Additionally, if a superplasticizer added, the concrete will encapsulate the bars more evenly. This process gives better results in both cost and install time. Buying bagged patching material is more expensive than ready-mix. The deep repairs can be accomplished with ready-mix in 1 pour versus multiple layers of patch material. The final result is giving a good secure purchase to the existing member being repaired.
- A. Bidder shall perform the Work using the repair systems shown in the Contract Documents for the prices shown in the Bid Schedule as specified in Bid Form Article 5.01. Cost saving suggestions may be considered following selection and award with appropriate credit offered.
19. Would it be possible to use NRG block units instead of the traditional cmu's and metal siding system? It can result in a \$50,000 savings. The NRG units function like traditional cmu's in terms of grout and reinforcement, but they include insulation with an R value consistent with the currently specified system. Multiple colors and finishes are available from the manufacturer (including split-faced). The only issue I see in using these blocks is where the siding system extends down over the new section of concrete mixing tank wall (See sheets S010 Section F, A003, A004, A007 Section D). Would it be possible to face that portion of wall with 4" blocks? Please see the attached drawings and literature related to NRG Block and visit <http://www.nrginsulatedblock.com/nrghome.html> for more information.
- A. Bidder shall perform the Work using the building system shown in the Contract Documents for the prices shown in the Bid Schedule as specified in Bid Form Article 5.01. Cost saving suggestions may be considered following selection and award with appropriate credit offered.
20. Can schedule 80 pvc be used instead of cast iron for drain pipe?
- A. Bidder shall perform the Work using the piping system shown in the Contract Documents for the prices shown in the Bid Schedule as specified in Bid Form Article 5.01. Cost saving suggestions may be considered following selection and award with appropriate credit offered.
21. Is all of the ductwork aluminum?
- A. Ductwork is aluminum except for ductwork located in the Electrical Room, which shall be steel as specified in Section 15890, Article 3.03.
22. On sheet H-001 what brand of heat recovery unit is specified? It just says CDI Model AHU-4K
- A. Manufacturer is Climate by Design International (CDI). Refer to Section 15875 and Contract Drawing H001 Heat Recovery Unit Schedule.



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23. Section 11320.1.04.A.3 – Waste Pump Small – Design Operating Point 1 indicates a design value of 600 GPM @ 5' TDH. Is this value right? Design Condition 2 is 200 GPM @ 35 Feet TDH. Can the engineer confirm if design operating point 1 is correct?
- A. The Waste Pumps are intended to operate across the head range specified at flow rates of similar magnitude to those specified. The Recycle Pumps are part of a regulated process that will be required to closely match the specified ranges. Bidder shall perform the Work using the pumping systems specified in the Contract Documents, but cost saving suggestions for alternate configurations that meet the specified ranges may be considered during submittal review.
24. Specification requires limestone based run-of-crusher, which is more expensive than material native to the Binghamton area.
- A. Refer to Addendum Item No. 3.
25. See Roof Plan A005. All Roof Guardrail is indicated to be Aluminum. See Guardrail Support details on A009. Guardrail is indicated to be Standard Steel Pipe. Please clarify material to be used.
- A. All roof railings are to be aluminum. Refer to Addendum Item No. 5.
26. See the Bid Item Description for 1A-2. This indicates that the GC Scope has ALL Division 15 Specification. Division 15 includes Plumbing and HVAC work requirements. Please clarify exactly what Division 15 requirements the GC is responsible for.
- A. Refer to Addendum Item No. 2.

PRE-BID MEETING

The Agenda and sign-in sheet from the Pre-Bid meeting are attached as information only.

General Decision Number: NY180004 06/22/2018 NY4

Superseded General Decision Number: NY20170004

State: New York

Construction Types: Building, Heavy and Highway

Counties: Broome and Chenango Counties in New York.

BUILDING CONSTRUCTION PROJECTS FOR BROOME COUNTY ONLY (does not include single family homes and apartments up to and including 4 stories, HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/12/2018
2	03/09/2018
3	05/04/2018
4	05/18/2018
5	05/25/2018
6	06/01/2018
7	06/08/2018
8	06/22/2018

* ASBE0030-004 05/01/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

Rates Fringes

Asbestos/Insulator Worker
 includes application of
 all materials, protective
 coverings, coatings and
 finishings to all types of
 mechanical systems. Also
 the application of

firestopping material to
 openings and penetrations
 in walls, floors,
 ceilings, curtain walls
 and all lead abatement.....\$ 32.40 22.04

HAZARDOUS MATERIAL HANDLER
 SCOPE OF WORK: DUTIES
 LIMITED TO preparation,
 wetting, stripping,
 removal, scrapping,
 vacuuming, bagging, and
 disposing of all
 insulation materials,
 whether they contain
 asbestos or not from
 mechanical system.....\$ 32.40 22.04

 BOIL0197-004 01/01/2017

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
BOILERMAKER.....	\$ 34.54	24.78

 BRNY0003-002 07/01/2017

BINGHAMTON CHAPTER

	Rates	Fringes
BRICKLAYER BUILDING CONSTRUCTION, BROOME COUNTY Bricklayers, Cement Masons, Stone Masons, Pointers, Caulkers and Cleaners.....	\$ 29.87	20.08
Marble Masons, Tile Layers, and Terrazzo Workers.....	\$ 29.22	18.38
Marble, Tile and Terrazzo Finishers.....	\$ 26.20	15.25
HEAVY AND HIGHWAY CONSTRUCTION, BROOME & CHENANGO COUNTIES Cement Masons.....	\$ 30.58	20.05

 CARP0277-010 07/01/2017

	Rates	Fringes
CARPENTER (BUILDING CONSTRUCTION) BROOME COUNTY Carpenters, Carpet Layer, Drywall Applicator, Floor Coverer, Lather.....	\$ 26.00	18.01

Millwrights.....	\$ 26.00	18.01
CARPENTER (HEAVY & HIGHWAY CONSTRUCTION)		
BROOME COUNTY		
Carpenter.....	\$ 29.88	21.20
CHENANGO COUNTY		
Carpenter.....	\$ 29.88	21.92

FOOTNOTES:

a. Paid Holidays: Independence Day and Labor Day, provided the employee works his scheduled day before and his scheduled day after the holiday and is on the payroll in the payroll week in which the holiday falls.

 ELEC0043-003 06/01/2018

CHENANGO (Twps of Columbus, New Berlin & Sherburne): Heavy and Highway

	Rates	Fringes
ELECTRICIAN.....	\$ 37.75	24.05

 ELEC0325-002 06/01/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Entire County, except Columbus, New Berlin and Sherburne Townships) Heavy and Highway

	Rates	Fringes
CABLE SPLICER.....	\$ 38.60	27.86
ELECTRICIAN.....	\$ 32.85	27.69

 ELEC1249-010 05/07/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
ELECTRICIAN (LINE CONSTRUCTION: LIGHTING AND TRAFFIC SIGNAL Including any and all Fiber Optic Cable necessary for Traffic Signal Systems, Traffic Monitoring systems and Road Weather information systems)		
Flagman.....	\$ 26.28	6.75%+23.40+a
Groundman (Truck Driver)....	\$ 35.04	6.75%+23.40+a
Groundman Truck Driver (tractor trailer unit).....	\$ 37.23	6.75%+23.40+a
Lineman & Technician.....	\$ 43.80	6.75%+23.40+a
Mechanic.....	\$ 35.04	6.75%+23.40+a

FOOTNOTE:

a. New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, plus President's Day, Good Friday, Decoration Day, Election Day for the President of the United States and Election Day for the Governor of the State of New York, provided the employee works the day before or the day after the holiday.

 ELEC1249-011 05/07/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
ELECTRICIAN (Line Construction)		
Overhead and underground distribution and maintenance work and all overhead and underground transmission line work including any and all fiber optic ground wire, fiber optic shield wire or any other like product by any other name manufactured for the dual purpose of ground fault protection and fiber optic capabilities :		
Flagman.....	\$ 30.36	6.75%+23.40+a
Groundman digging machine operator.....	\$ 45.54	6.75%+23.40+a
Groundman truck driver (tractor trailer unit).....	\$ 43.01	6.75%+23.40+a
Groundman Truck driver.....	\$ 40.48	6.75%+23.40+a
Lineman and Technician.....	\$ 50.60	6.75%+23.40+a
Mechanic.....	\$ 40.48	6.75%+23.40+a
Substation:		
Cable Splicer.....	\$ 55.66	6.75%+23.40+a
Flagman.....	\$ 30.36	6.75%+23.40+a
Ground man truck driver....	\$ 40.48	6.75%+23.40+a
Groundman digging machine operator.....	\$ 45.54	6.75%+23.40+a
Groundman truck driver (tractor trailer unit).....	\$ 43.01	6.75%+23.40+a
Lineman & Technician.....	\$ 50.60	6.75%+23.40+a
Mechanic.....	\$ 40.48	6.75%+23.40+a
Switching structures; railroad catenary installation and maintenance, third rail type underground fluid or gas filled transmission conduit and cable		

installations (including any and all fiber optic ground product by any other name manufactured for the dual purpose of ground fault protection and fiber optic capabilities), pipetype cable installation and maintenance jobs or projects, and maintenance bonding of rails; Pipetype cable installation

Cable Splicer.....	\$ 57.11	6.75%+23.40+a
Flagman.....	\$ 31.15	6.75%+23.40+a
Groundman Digging Machine Operator.....	\$ 46.73	6.75%+23.40+a
Groundman Truck Driver (tractor-trailer unit).....	\$ 44.13	6.75%+23.40+a
Groundman Truck Driver.....	\$ 44.13	6.75%+23.40+a
Lineman & Technician.....	\$ 51.92	6.75%+23.40+a
Mechanic.....	\$ 41.54	6.75%+23.40+a

FOOTNOTE:

a. PAID HOLIDAYS: New Year's Day, Presidents' Day, Memorial Day, Good Friday, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, and Election Day for the President of the United States and Election Day for the Governor of New York State, provided the employee works two days before or two days after the holiday.

 ELEC1249-012 01/01/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
ELECTRICIAN (Line Construction)		
TELEPHONE, CATV FIBEROPTICS CABLE AND EQUIPMENT		
Cable splicer.....	\$ 31.83	3%+4.73
Groundman.....	\$ 16.01	3%+4.73
Installer Repairman-Teledata Lineman/Technician-Equipment Operator.....	\$ 30.21	3%+4.73
Tree Trimmer.....	\$ 23.95	3%+9.98+a

a. New Year's Day, President's Day, Good Friday, Decoration Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving, Christmas Day.

 ELEV0062-003 01/01/2018

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
Elevator Constructor Mechanics.....	\$ 45.15	32.645+a+b

FOOTNOTE:

- a. Vacation: 6%/under 5 years based on regular hourly rate for all hours worked. 8%/over 5 years based on regular hourly rate for all hours worked.
- b. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

ENGI0106-006 07/01/2017

BROOME COUNTY

	Rates	Fringes
Power equipment operators: (BUILDING:)		
GROUP A(1).....	\$ 40.28	24.40+a
GROUP A.....	\$ 37.95	24.40+a
GROUP B.....	\$ 37.50	24.40+a
GROUP C.....	\$ 35.26	24.40+a

Hazardous work- Anytime Operating Engineers are involved with Level C or above, \$3.00 per hour over regular rate.

FOOTNOTE:

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS (Building)

GROUP A(1): Crane, hydraulic cranes, tower crane, locomotive crane, piledriver, cableway, derricks, whirlies, dragline, boom trucks over 5 tons

GROUP A: Shovel, all excavators (including rubber tire, full swing), gradalls, power road grader all CMI equipment, front-end rubber tire loader, tractor-mounted drill (quarry master), mucking machine, concrete central mix plant, concrete pump, belcrete system, automated asphalt concrete plant, tractor road paver, boom trucks 5 tons and under, Maintenance Engineer, self contained crawler drill-hydraulic rock drill.

GROUP B: Backhoes (rubber tired backhoe/loader combination), bulldozer, pushcat, tractor, traxcavator, scraper, LeTourneau grader, form fine grader, road roller, blacktop roller, blacktop spreader, power brooms, sweepers,

trenching machine, Barber Green loader, side booms, hydro hammer, concrete spreader, concrete finishing machine, one drum hoist, power hoisting (single drum), hoist two drum or more, three drum engine, power hoisting (two drum and over), two drum and swinging engine, three drum swinging engine, hod hoist, A-L frame winches, core and well drillers (one drum), post hole digger, model CHB VibroTamp or similar machine, batch bin and plant operator, dinkey locomotive, skid steer loader, track excavator 5/8 cu. yd. or smaller.

GROUP C: Fork lift, high lift, lull, oiler, fireman and heavy-duty greaser, boilers and steam generators, pump, vibrator, motor mixer, air compressor, dust collector, selding machine, well point, mechanical heater, generators, temporary light plants, concrete pumps, electric submersible pump 4" and over, murphy type diesel generator, conveyor, elevators, concrete mixer and beltcrete power pack (belcrete system seeding and mulching machines pumps.

 ENGI0106-011 07/01/2017

HEAVY & HIGHWAY

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 42.18	25.15+a
GROUP 2.....	\$ 41.27	25.15+a
GROUP 3.....	\$ 38.70	25.15+a
GROUP 4.....	\$ 46.18	25.15+a
GROUP 5.....	\$ 45.18	25.15+a
GROUP 6.....	\$ 44.18	25.15+a
GROUP 7.....	\$ 43.79	25.15+a

POWER EQUIPMENT OPERATOR CLASSIFICATIONS (HEAVY & HIGHWAY):

GROUP 1: Asphalt Curb Machine, Self Propelled, Slipform, Automated Concrete Spreader (CMI Type), Automatic Fine Grader, Backhoe (Except Tractor Mounted, Rubber Tired), Backhoe Excavator Full Swing (CAT 212 or similar type), Back Filling Machine, Belt Placer (CMI Type), Blacktop Plant (Automated), Boom truck , Cableway, Caisson Auger, Central Mix Concrete Plant (Automated), Concrete Curb Machine, Self Propelled, Slipform, Concrete Pump, Crane, Cherry Picker, Derricks (steel erection), Dragline, Overhead Crane (Gantry or Straddle type), Pile Driver, Truck Crane, Directional Drilling Machine, Dredge, Dual Drum Paver, Excavator (All Purpose Hydraulically Operated) (Gradall or Similar), Front End Loader (4 cu. yd. and Over), Head Tower (Sauerman or Equal), Hoist (Two or Three Drum), Holland Loader, Maintenance Engineer, Mine Hoist, Mucking Machine or Mole Pavement Breaker(SP) Wertgen; PB-4 and similar type, Power Grader, Profiler (over 105 H.P.) Quad 9, Quarry Master (or equivalent), Scraper, Fireman, Form Tamper, Grout Pump, Gunitite Machine, Hammers (Hydraulic self-propelled), Hydra-Spiker, ride-on, Hydraulic Pump (jacking system), Hydro-Blaster (Water), Mulching Machine, Oiler, Parapet Concrete or Pavement, Shovel, Side Boom,

Slip Form Paver, Tractor Drawn, BeltType Loader, Truck or Trailer Mounted Log , Chipper (Self Feeder), Tug Operator (Manned Rented Equipment Excluded), Tunnel Shovel

GROUP 2: Asphalt Paver, Backhoe (Tractor Mounted, Rubber Tired), Bituminous Recycler Machine, Bituminous Spreader and Mixer, Blacktop Plant (NonAutomated), Blast or Rotary Drill (Truck or Tractor Mounted), Boring Machine, Cage Hoist, Central Mix Plant (NonAutomated) and All Concrete Batching Plants, Cherry Picker (5 tons capacity and under), Concrete Paver (Over 16S), Crawler Drill, Self-contained, Crusher, Diesel Power Unit, Drill Rigs, Tractor Mounted, Front End Loader (Under 4 cu. yd.), Greaseman/Lubrication Engineer, HiPressure Boiler (15 lbs. and over), Hoist (One Drum), Hydro-Axe, Kolman Plant Loader and Similar Type Loaders, L.C.M. Work Boat Operator, Locomotive Mixer (for stabilized base selfpropelled), Monorail Machine, Plant Engineer, Profiler (105 H.P. and under), Grinder, Post Hole Digger and Post Driver, Power Broom (towed), Power Heaterman, Power Sweeper, Revinus Widener, Roller (Grade and Fill), Scarifier, ride-on, Shell Winder, Skid steer loader (Bobcat or similar), Span-Saw, ride-on, Steam Cleaner, Pug Mill, Pump Crete Ready Mix Concrete Plant Refrigeration Equipment (for soil stabilization)Road Widener, Roller (all above subgrade), Sea Mule, Self-contained Ride-on Rock Drill, Excluding Air-Track Type Drill, Skidder, Tractor with Dozer and/or Pusher, Trencher. Tugger Hoist, Vermeer saw (ride on, any size or type), Winch, Winch Cat

GROUP 3: A Frame Winch Hoist on Truck , Articulated Heavy Hauler, Aggregate Plant, Asphalt or Concrete Grooving, Machine (ride on), Ballast Regulator, Ride-on Boiler (used in conjunction with production), Bituminous Heater, self-propelled, Boat (powered), Cement and Bin Operator, Compressors, Dust Collectors, Fork Lift, Generators, Pumps, Welding Machines, Light Plants, Heaters (hands-off equipment), Concrete Pavement Spreader and Finisher, Concrete Paver or Mixer (16S and under), Concrete Saw (self-propelled), Conveyor, Deck Hand, Directional Drill Machine Locator, Drill, (Core), Drill, (Well,) Farm Tractor with accessories, Fine Grade Machine, Tamper, ride-on, Tie Extractor, ride-on, Tie Handler, ride-on, Tie Inserter, ride-on, Tie Spacer, ride-on, Tire Repair, Track Liner, ride-on, Tractor, Tractor (with towed accessories), Vibratory Compactor, Vibro Tamp, Well Point

GROUP 4: Tower Cranes

GROUP 5: Cranes 50 tons and over

GROUP 6: Cranes 49 tons and below

GROUP 7: Master Mechanic

FOOTNOTE:

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day

 IRON0060-001 05/01/2017

BROOME; CHENANGO (Twps. of Afton, Bainbridge, Coventry, German, Greene, Gilford, McDonough, Norwich, Oxford, Preston, and Smithville):

	Rates	Fringes
Ironworkers:		
Structural, Ornamental, Reinforcing, Pre-cast Concrete Erector, Machinery Mover & Rigger, Fence Erector, Stone Derrickman, Welder, Sheeter, Sheeter Bucker-up..\$	29.00	25.55

 IRON0440-003 05/01/2017

CHENANGO (Twps. of Columbus, New Berlin, North Norwich, Plymouth, Sherburne and Smyrna):

	Rates	Fringes
Ironworkers:		
Structural, Ornamental, Rodmen, Reinforcement, Rigger, Machinery Mover, Fence Erector, Stone Derrickman.....\$	27.25	25.44

 LABO0017-003 07/01/2017

TWPS. OF COLUMBUS, SHERBURNE AND NEW BERLIN IN CHENANGO COUNTY

	Rates	Fringes
LABORER		
HEAVY and HIGHWAY		
GROUP 1.....\$	30.40	25.00+a
GROUP 2.....\$	30.50	25.00+a
GROUP 3.....\$	33.65	25.00+a
GROUP 4.....\$	38.00	25.00+a

FOOTNOTES:

a. Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, Washington's Birthday, Election Day, Veterans Day provided the employee works one day in the calendar week during which the holiday occurs

HEAVY AND HIGHWAY CLASSIFICATIONS

GROUP 1: Flaggperson, gateperson

GROUP 2: General Laborers, Chuck Tenders, Handling and Distributing of Drinking Water, Distributing all Tools and

Supplies of Laborers, AFL-CIO Trades Tenders, Nipper, Powder Carrier, Magazine Tender, Warehousemen, Concrete Men, Vibrator Men, Mason Tender, Mortar Men, Spraying, Brushing and Covering of Concrete for Curing and Preservative Purposes, Traffic Stripper, Scaffold Builder, Concrete Curb and Sidewalk Form Setters, permanent traffic striping and reflective devices, placing and maintenance of all flares, cones, lights, signs, barricades, traffic patterns, and all temporary reflective type materials for traffic control, custodial work, traffic directors, temporary heat or light tenders, tool room, dewatering pump men, pitman, dumpmen, snow removal and firewatch, asphalt man, joint setter, signal person, pipelayer, pipelining and relining, wellpoints, conduit and duct layer, wire puller, rip rap and dry stone layer, steel rod carrier core drill, rock splitter, Hilti gun, air or electric, jackhammer, bush hammer, pavement breaker, chipping hammer, wagon drill, air track, jib rig, joy drill, gunite and sand blasting, coal passer and other machine operators, power tool operator sprayer and nozzle man on mulching and seeding machine, all guard rail and fence, all seeding and sod laying, all landscape work, grade checker, all bridge work, walk behind self-propelled power saw grinder, groover or similar type machine, walk behind tamper and roller of all types, salvage, stripping, wrecking and dismantling laborer (including barman, cutting torch and burner man), sheeting and shoring coming under laborers jurisdiction, bit grinder, operator of form pin puller and drivers, sandblasting joint and jet sealer, filling and wiring baskets for gabion walls, permanent sign man, median barrier, sta-wall or similar type product, chain saw operator, railroad track laborer, waterproofer, pre-stressed and pre-cast concrete brick, block and stone pavers, power tools used to perform work usually done by laborers, power buggy and pumpcrete operator, fireproof, plaster and acoustic pump, asbestos, toxic, bio-remediation, phyto-remediation, lead or hazardous materials abatement when protective clothing and equipment is not required, power brush cutter, retention liners, artificial turf, retaining walls, walk behind surface planer, welding related to laborers work, remote controlled equipment normally operated by laborers, all technician work including but not limited to stitching, seaming, heat welding, fireproof sprayer, mortar mixer, concrete finisher, form setter for concrete curbs and flatwork, gunite nozzle man, stone cutters, granite stone layer, manhole, catch basin or inlet installing, laser men, ground man on milling machine

GROUP 3: Ingersoll Rand heavy duty crawler master type HCMZ, any drill using 4" or larger bit, asbestos, toxic, bio-remediation, phyto-remediation, lead or hazardous material abatement when protective clothing and equipment is required, all working foremen including grade, pipe, concrete, clearing, blacktop drill, paving and blaster etc., hydraulic drill or similar, forklift for masonry only, blaster and asphalt screedman

GROUP 4: Asbestos, toxic, lead or hazardous material abatement foreman

 LABO0785-012 07/01/2017

BROOME; CHENANGO (Remainder of Counties):

	Rates	Fringes
LABORER		
LABORER HEAVY AND HIGHWAY:		
GROUP 1.....	\$ 28.30	19.38
GROUP 2.....	\$ 28.50	19.38
GROUP 3.....	\$ 28.70	19.38
GROUP 4.....	\$ 28.90	19.38
GROUP 5.....	\$ 30.50	19.38

LABORER CLASSIFICATIONS

GROUP 1: Laborers, flaggers, outboard and hand boats

GROUP 2: Bull float, chain saw, concrete aggregate, bin concrete bootman, gin buggy, hand or machine vibrator, jackhammer, mason tender, mortar mixer, pavement breaker, handlers of all steel mesh, small generators for laborers' tools, installation of bridge drainage pipe, pipelayers, vibrator type rollers, tamper, drill doctor tail or screw operator on asphalt paver, water pump operator (1 1/2' and single diaphragm), nozzle (asphalt gunnite, seeding and sandblasting), laborers on chain link fence erection, rock splitter and power unit, pusher type concrete saw and all other gas, electric, oil and air tool operators, wrecking laborers

GROUP 3: All rock or drilling machine operators (except quarry master and similar type), acetylene torch operators and asphalt paver, powderman

GROUP 4: Blasters, form setters, stone or granite curb setters

GROUP 5: Asbestos and hazardous waste removal

 LABO0785-013 07/01/2017

BROOME (Remainder of County)

	Rates	Fringes
LABORER		
LABORERS BUILDING:		
GROUP 1.....	\$ 23.56	17.56
GROUP 2.....	\$ 24.56	17.56
GROUP 3.....	\$ 25.06	17.56

LABORERS CLASSIFICATION:

GROUP 1: Common laborers

GROUP 2: Masonry forklifts, bob cats, rock drilling equipment

and blasters

GROUP 3: Asbestos and hazardous waste removal

 PAIN0004-056 05/01/2017

	Rates	Fringes
Painters:		
Bridges.....	\$ 38.00	26.60
Epoxy-Brush & Roller.....	\$ 26.00	18.58
Painters and Tapers.....	\$ 24.90	18.58
Spray Epoxy.....	\$ 26.40	18.58
Spray Work/Steeple Jack (over 100 ft).....	\$ 25.90	18.58
Structural Steel (buildings) Spray Work.....	\$ 25.50	18.58
Swing Scaffold, Boatswain Chair, Spray, Sandblasting, Steam Cleaning, Acid and High Pressure Water, Paperhangers, Vinyl Hangers, Power Grinders w/respirator.....	\$ 25.50	18.58

 PAIN0677-003 05/01/2017

	Rates	Fringes
GLAZIER.....	\$ 25.00	21.35

 PLUM0112-010 05/01/2018

BROOME COUNTY (Building, Heavy, and Highway) Townships of
 Lisle, Triangle, Barker, Nanticoke, Newark Valley, Owego,
 Maine, Union, Vestal, Kirkwood, Conklin, Chenango, Fenton,
 Colesville, Windsor and Stanford

CHENANGO COUNTY (Heavy and Highway) Townships of Linklaen,
 Otselic, Smyrna, Sherburne, Columbus, Pitcher, Pharsalia,
 Plymouth, North Norwich, New Berlin, German, McDonough,
 Preston, Norwich, Smithville, Oxford, Guilford

	Rates	Fringes
PLUMBER/PIPEFITTER Southern Zone.....	\$ 34.48	27.09

 ROOF0203-004 06/01/2017

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and
 Highway)

	Rates	Fringes
ROOFER.....	\$ 25.79	15.10

 SFNY0669-005 04/01/2017

BROOME (Building, Heavy, and Highway) and CHENANGO (Heavy and Highway)

	Rates	Fringes
SPRINKLER FITTER.....	\$ 33.76	15.84

 SHEE0058-002 05/01/2018

CHENANGO COUNTY (Heavy and Highway):

	Rates	Fringes
SHEET METAL WORKER, Includes HVAC Duct Installation Projects over \$10 million...	\$ 29.21	21.13
SHEETMETAL WORKER (HVAC Duct Installation Only) Projects with sheetmetal work contracts totalling \$10 million or less.....	\$ 28.21	21.13

 SHEE0112-003 01/01/2013

BROOME COUNTY

	Rates	Fringes
Sheet Metal Worker.....	\$ 27.60	15.26

 TEAM0317-009 07/01/2017

	Rates	Fringes
Truck drivers: HEAVY & HIGHWAY		
GROUP 1.....	\$ 24.46	24.10+a
GROUP 2.....	\$ 24.46	24.10+a
GROUP 3.....	\$ 24.46	24.10+a
GROUP 4.....	\$ 24.66	24.10+a
GROUP 5.....	\$ 24.66	24.10+a

FOOTNOTES:

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, provided the employee works the day before and the day after the holidays.

TRUCK DRIVERS HEAVY & HIGHWAY CLASSIFICATIONS:

GROUP 1: Pickups; panel trucks; flatboy material trucks (straight jobs); single-axle dump trucks; dumpsters; receivers; greasers; truck tiremen

GROUP 2: Tandems; batch trucks mechanics

GROUP 3: Semi-trailers; low-boy trucks; asphalt distributors trucks; agitator; mixer trucks and dumpcrete type vehicles; truck mechanic; fuel truck

GROUP 4: Specialized earth moving equipment - euclid type or similar off-highway equipment, where not self loaded; straddle (ross) carrier; self contained concrete unit

GROUP 5: Off-highway tandem back-dump; twin engine equipment and double hitched equipment where not self loaded

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

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

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

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

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example:

PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

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

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

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

Union Average Rate Identifiers

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

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

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



Agenda

Project:	City of Binghamton Water Treatment Plant Residuals Management Improvements - Rebid	From:	Jason Davenport, P.E.
Subject:	Pre-bid Conference	Tel:	315.679.5725
Venue/Date/Time	Binghamton Water Treatment Plant 25 Broome Street Binghamton, NY 13903 Tuesday, June 5, 2018 at 10:00 a.m.	Ref. no:	11134213.1

Agenda Item

1. INTRODUCTIONS
2. PROJECT LOCATION/SCOPE
 - A. Replace chain & flight sludge collection with new system
 - B. Construct gravity thickener
 - C. Construct Solids Handling Building with belt filter press, mix tank, and pumps
 - D. Replace existing pumps and mechanical piping
 - E. Yard piping and site work
3. ENGINEERING PLANS AND SPECIFICATIONS
 - A. Prospective bidders must register as a planholder and obtain copies of the Bidding Documents from Dataflow in order to submit a bid.
 - B. May be obtained from Dataflow, 19 South Washington Street, Binghamton, NY 13903, www.godataflow.com, 607-772-2001, non-refundable \$50 deposit payable to City of Binghamton. Direct all questions regarding distribution of Bidding Documents to Dataflow.
 - C. Bidding Documents are available on Dataflow's website for viewing purposes only.
4. CONTRACTOR REQUIREMENTS
 - A. Project is receiving EFC funding – Refer to EFC bid packet in the Bidding Documents
 - B. M/WBE Participation – Combined goal of 26 percent
 - C. NYS Prevailing Wage and Davis Bacon wage rates
 - D. Maintain Owner's operations throughout construction
5. ADDENDUM
 - A. Last day for questions – Monday, June 11, 2018. Email all questions to bryan.malone@ghd.com.
 - B. Bids due at 10:30 a.m. on Wednesday, June 20, 2018
6. QUESTIONS/OPEN DISCUSSION

GHD

One Remington Park Drive Cazenovia New York 13035 USA
T 1 315 679 5800 F 1 315 679 5801 W www.ghd.com





MEETING SIGN-IN

MEETING TITLE:	Pre-bid Meeting	DATE:	06/05/2018
PROJECT NAME:	City of Binghamton Water Treatment Plant	PROJECT NO.:	11134213
	Residuals Management Improvements - Rebid		
		CONTRACT NO(S):	1 - General 2 - Electrical 3 - Heating and Ventilation

Attended	Name	Company	Email Address	Office Telephone	Cell Phone
	Davenport	GHD	jason.davenport@ghd.com	315-679-5725	
	Kruger	City of Binghamton	jakruger@cityofbinghamton.com	607-772-7221	607-343-9027
	Malone	GHD	bryan.malone@ghd.com	315-679-5746	315.663.4254
	Standish	City of Binghamton	rstandish@cityofbinghamton.com	607-772-7007	
✓	Yannuzzi	City of Binghamton	iyannuzzi@cityofbinghamton.com		607-343-9636
	Kawton	Vacri	colton@onebrickavenue.com	607-723-4319	607-343-7225
	ZIEGLER	✓	VERA@onebrickavenue.com	✓	607-343-7002
	Joseph	J&R Electric/Vacri	JNR@onebrickavenue.com	772-6799	607 772-0019
	Middaugh	Northwind Technology	kmiddaugh@northwindusa.com	866-885-3372	508-404-7643
	LEE	North Point Technology	boblee@northpointusa.com	866-885-3372	607-759-975
	Justin	Schultz	jpoling@wmschultz.com	518-885-0000	
	Tony	Vacri Construction	Tony@onebrickavenue.com	607-772-7119	607-347-7009
	Intithi	City of Binghamton	faincittie@cityofbinghamton.com	607-772-7007	607-343-3435