

ADDENDUM NUMBER THREE

DUPONT PUMP STATION AND BASIN IMPROVEMENTS – PHASE 2 (Contract A) W-12-026-202

CITY OF CHATTANOOGA, TENNESSEE

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

I. CONTRACT DOCUMENT

- Replace paragraph 4.02.A in Section 00 52 00 with the following paragraph:
 - The work will be substantially completed within 300 days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions with 330 days after the date when the Contract Times commence to run.
- Drawing CD-5 detail A: Add Note 4 stating: "The Mill and overlay should be 1-1/2" thick with tack coat."
- Replace State Revolving Fund Loan Program Loan Recipient's Requirements for Solicitation and Documentation of Disadvantaged Business Enterprise (DBE) Participation on State Revolving Fund (SRF) Projects with the attached.
- Replace State Revolving Fund Load Program Loan Recipient's Good Faith Effort Letter for DBE Participation with the attached.
- Replace State Revolving Fund Load Program Contractor Receipt Letter – Form 6100-2 with the attached.
- Replace Disadvantaged Business Enterprise (DBE) Program DBE Subcontractor Participation Form with the attached.
- Replace Disadvantaged Business Enterprise (DBE) Program DBE Subcontractor Performance Form with the attached.
- Replace Disadvantaged Business Enterprise (DBE) Program DBE Subcontractor Utilization Form with the attached.
- Replace State Revolving Fund Load Program Loan Recipient's and Contractor's Guidance FY2010 and After Tracking and Reporting with the attached.
- Replace Clean Water State Revolving Fund Identification Sign with the attached.
- Replace paragraph 2.02.A.15.d in Section 44 31 16 with "One 20-in bolted access man-way located on top of the vessel."
- Replace paragraph 1.06.A.2.3 of Section 44 31 16 with "Diameter: 9-ft".
- Replace the Opening (WxH) for Gate I.D. WG-1020-3 with 8'X8' in Table 1: Gate Schedule in Section 35 20 17.
- Replace "The height of fabric shall be 72-in." from paragraph 2.01.B.1 in Section 32 31 00 with "The height of fabric shall be 96-in.".
- Replace Section 00 41 00 Bid Form with the attached.

- Replace Davis-Bacon documents General Decision Numbers TN180146 (HEAVY) and TN180089 (BUILDING) with the attached.
- Replace paragraph 3.04.D.1.a in Section 09 29 00 with "Primer and its application to surfaces are specified in Section 09 91 00."
- Replace "The device shall be by FEBCO, AMES Fire and Waterworks, Hersey, Cla-Val, or any other device approved by Charlotte-Mecklenburg Utilities which operates on the reduced pressure principle" from paragraph 2.10.A in Section 40 05 50 with "The device shall be by FEBCO, AMES Fire and Waterworks, Hersey, Cla-Val, or an approved equal which operates on the reduced pressure principle".
- Replace paragraph 2.10.B in Section 40 05 50 with "Upon installation and prior to putting the line in service, the unit shall be tested by a registered tester and the results approved by Tennessee American Water Company."
- Replace paragraph 2.02.G.1.a in Section 44 31 16 with "Contractor shall furnish and install Fiberglass Reinforced Plastic Sound Enclosure for Headworks Odor Control Blower" with "Contractor shall furnish and install Fiberglass Reinforced Plastic Sound Enclosure for Odor Control Blower"
- Replace paragraph 2.13.F.3 in Section 40 05 50 with "Valves shall be Modem K-020 as manufactured by A.R.I or approved equal."
- Replace paragraph 2.13.G.4 in Section 40 05 50 with "Valves shall be Model D-026 – with Non Slam attachment as manufactured by A.R.I. or approved equal."
- Replace "two 2-hour days" from paragraph 3.03.H in Section 44 31 16 with "two 8-hour days".
- Replace "For up through 12-in diameter ductile iron pipe only" from paragraph 2.14.D in Section 40 05 70 with "For up through 16-in diameter ductile iron pipe only".
- Replace paragraph 2.01.B.2 in Section 40 05 00 and paragraph 2.03.A in Section 40 05 70 with the following paragraph:

Flanged Joints: Conform to ANSI/AWWA C110 and ANSI/AWWA C111 capable of meeting the pressure rating or special thickness class, and test pressure specified in piping schedule in Section 33 05 07, Exposed Piping Installation.

- 1) Gaskets: Unless otherwise specified, gaskets shall be at least 1/8-inch thick, ring or full-face as required for the pipe, of synthetic rubber compound containing not less than 50 percent by volume nitrile or neoprene, and shall be free from factice, reclaimed rubber, and other deleterious substances. Gaskets shall be suitable for the service conditions specified, specifically designed for use with ductile iron pipe and fittings.
- 2) Bolts: Comply with ANSI B18.2.1.
 - a) Exposed: ASTM A307, Grade B.
 - b) Buried or Submerged: ASTM A193, Grade B8M, Class 2, Heavy hex, Type 316 stainless steel.
- 3) Nuts: Comply with ANSI B18.2.2.
 - a) Exposed: ASTM A563, Grade A, Heavy hex.
 - b) Buried or Submerged: ASTM A194, Grade B8M, Heavy hex, Type 316 stainless steel.

II. Q&A/COMMENTS

Note: Duplicate questions were provided by several potential bidders. While wording varied slightly, duplicates have been removed.

1. If we are to provide a design as part of our scope, we request the loading information. If we are to bid to the stamped set of plans provided, then we'd request a more common Micropile diameter of 9.625" x 0.545" be utilized and request the rock bond diameter to be drilled.

Response: This diameter reduction is possible. Please see the response to Number 3 for the loads.

2. A detailed Micropile geometry was provided in the form of 9.75" x 0.5" piles with a full length 1.5" GR 75 bar and topped with 10"x10"x1" plates with a 7' rock bond length for all piles. No mention of a hole diameter required per their design is provided.

Response: As long as the minimum diameter requirements are met, the hole diameter is up to the contractor.

3. The specifications say that we have to provide a stamped set of drawings and calculation package for the design of the piles. No loading information (compression, tension, nor lateral) was provided for the piles to be designed to.

Response: These loads are provided as part of S-1 Drawing. Compressive loads of 200 kips, uplift loads of 100 kips.

4. Sheet E-12, The electrical equipment at the Diversion Structure. Should this be considered a wet area using NEMA 4X Stainless steel boxes?

Response: Yes, per 26 00 00, 1.06,A; NEMA 4X enclosure types should be used in all outdoor locations. 26 05 33, 2.02 requires all NEMA 4X to be 316SS unless otherwise noted, for example unless the equipment is within the hazardous area indicated on Sheet E-3, in which case it will required a NEMA 7 enclosure.

5. Sheet E-13, The electrical equipment at the pump station. Should this be considered a wet area using NEMA 4X Stainless steel boxes?

Response: Yes, per 26 00 00, 1.06,A; NEMA 4X enclosure types should be used in all outdoor locations. 26 05 33, 2.02 requires all NEMA 4X to be 316SS unless otherwise noted, for example unless the equipment is within the hazardous area indicated on Sheet E-3, in which case it will required a NEMA 7 enclosure.

6. Sheet E-6, Who provides the pump terminal cabinets. If it is by Division 26 please provide specifications.

Response: Pump terminal cabinets shall be furnished under Division 26 and shall meet the requirements of Detail N, Sheet ED-2 and Section 26 19 00, paragraph 2.01,J, M and Q, with NEMA 4X, 316 stainless steel enclosures and insulated power terminal blocks rated at least for the ampere rating of the 500 A upstream circuit breaker.

7. Sheet E-6, PTC -5 appears to have a breaker is this correct?

Response: Sheet E-6 calls for a disconnect switch to be installed before (upstream from) PTC-5.

8. Sheet E-13, Should the pumps have a service disconnect at the pump station?

Response: Service disconnects are not required because the VFDs and the MCCs have pad lockable handles.

9. Sheet E-8, One line indicates the cable for the CCTV cameras are by div. 40. Specification 28 20 00 para 1.01 - b -3 indicate cable by div 26. Please clarify.

Response: The cables for the CCTV cameras shall be furnished under Division 40 per Sheet E-8 and Sheet I-3.

10. Sheet E-8, The 3" conduit from MAS 1010-1 to the pump terminal cabinets. What is the MFR recommended multiconductor cable that we should use? Please specify; I do not want to rely on a supplier to provide the correct answer.

Response: The cables from the pump motor temperature and moisture sensors to the MAS panel should be as recommended by the manufacturer, to ensure proper operation of the sensors and transducer.

11. Sheet E-6, Under VFD 2010-1 there is a Square P symbol. What does this symbol indicate? This is typical for all VFDs.

Response: Pullbox, refer to E-2.

12. Questions / Comments from micropile subcontractors

1. Is the micropile contractor responsible for the pile design based on the loads provided on Drawing Sheet S1, or do we price the piles per detail A/SD-3?
2. If pile design is based on reference Detail A/SD-3,
 - a. A 1.5" GR 75 doesn't exist or is really hard to find. A 1.375" or 1.75" GR 75 or GR 150 bar is a common bar sized used for similar micropiles.? Is it acceptable to use a common bar size that meets the design requirements established in Foundations Notes on drawing S-1?
 - b. We request a more common micropile diameter of 9.625" x 0.545" be used.
 - c. We request the rock bond diameter to be drilled.

Response:

1. Yes, the design to be done by the contractor.
- 2a. 1.75" GR 75 would be acceptable if 1.5" GR 75 is not available.
- 2b. Diameter may be reduced to the stated.
- 2c. As long as the drilled hole exceeds the designed bond diameter, it is acceptable.

13. Please refer the pre-fabricated restroom added by addendum 1. Can a floorplan be provided? If not, should we assume 1 each of each fixture specified?

Response: Floorplan is included in Addendum No. 2.

14. For underground conduit stub ups at the switchgear, generator and any other equipment where conduit will be concealed in the enclosure, does it require pvc coated aluminum stub ups or can we use sch 40 pvc only?

Response: Per the requirements of 26 05 33, 3.04, conduit stub outs thru concrete floors, slabs, etc. is to be PVC coated aluminum.

15. On several different C drawings, there is a reference to an asphalt overlay on existing pavement. We cannot find details on the thickness of overlay required. Please provide thickness of the overlay. Additionally, will any paving striping be required on the new overlay?

Response: Note 4 will be added to detail CD-5/A stating: "The Mill and overlay should be 1-1/2" thick with tack coat." No new paving striping is required. However, any existing striping damaged during construction will need to be replaced in kind.

16. Reference specification 44 31 16-1.06.A.2.3 & Equipment Data Sheet (p 20). The diameter requirements here conflict (8' vs 9'). Our supplier tells us a 9' vessel is required to meet the performance criteria. Please revise specification.

Response: The diameter is 9'.

17. Reference specification Section 44 31 16-2.02.A.15.d. This specification states "One 20-in bolted access man-ways", but then details TWO (2) locations. Please clarify man-way requirements.

Response: One 20-in bolted access man-way is required on top of the vessel as shown on Sheet M-8.

18. WG-1020-3 is scheduled as 8'x7'. The drawings show all gates and openings as 8'x8'. I am providing an 8'x8' gate based on the drawings. The drawings show the 8x8 gates with dual-stem operators. This is not in line with AWWA requirements, and dramatically increases cost and complexity of these large gates.

Response: WG-1020-3 opening size is 8'X8'.

19. Please refer to plans sheet SD-3 and specification 31 23 60. 1. Plans indicate 9.75" diameter with 0.500" wall thickness. The closest normal size casing is 9.625" diameter by 0.545" wall thickness. Is this size acceptable? 2. Specs state the micropile contractor shall need to stamped? Does the micropile contractor need to carry the engineering inspection costs in their quote. Normally, the design would be the micropile constructor's responsibility and performance of the load test. The inspection, grout testing, and third witnessing of the load test would be GC's responsibility. The micropile's design engineer would review the load test also. 3. Specs indicate a micropile test schedule, but does not indicate the pile capacity to allow calculation of the test loads. 4. Can the EOR provide design loads for the micropiles?

Response: As long as the minimum diameter requirements are met, the hole diameter is up to the contractor. Contractor to provide the design for the micropiles as stated in the Specifications. Loads are provided as part of S-1 Drawing. Compressive loads of 200 kips, uplift loads of 100 kips.

20. I have reviewed the plans and specs for project # W-12-026-202 - Dupont Pump Station & Basin Improvements - Ph 2 - Chattanooga TN bidding 12-19-19 and I have the following questions.
- Are field cuts of restrained joint pipe allowed?
 - Will you allow Megalugs for all buried valves and fittings?
 - Spec sections 400570, 2.14 D, page 13, states an alternative restraint system as MJ fittings with Megalugs for up through 12" Ductile Iron Pipe but D. 5. of this section states that Megalugs can be used up to 16". Will Megalugs and MJ fittings be allowed up to 16"? Will the contractor have the option to choose this alternative restraint system or allowed only by the engineer's approval?
 - Spec sections 330519 & 400518 calls for flange joint material to be neoprene gaskets and carbon steel nuts and bolts for exposed applications and 316 stainless steel for submerged applications. Spec section 400500 calls for flange joint material to be red rubber gaskets and hot dipped galvanized nuts and bolts for exposed applications and spec section 400570 calls for flange joint material to be red rubber gaskets and carbon steel nuts and bolts for exposed applications. Which is correct?

Response:

- This is acceptable provided the Contractor follows the requirements of 40 05 18 2.02 B.3.
 - This is acceptable provided the Contractor follows the requirements of 40 05 18 2.02 B.3.
 - Contractor can use Megalugs for Ductile Iron Pipe up to 16-inch. Contractor can also use Megalugs for field cut pipe following the requirements of 40 05 18 2.02 B.
 - Sections 33 05 19 and 40 05 18 are correct. See revisions for corrected references.
21. Please refer to specification 09 97 23 Concrete Coating. Please confirm this coating is to be applied in the diversion structure only and NOT in the wetwell in the pump station.

Response: This is confirmed. Only the diversion structure is to be coated.

22. Reference specification Section 09 29 00-3.04.D.1.a. This specification references Section 09 91 23 which is not in the book. Is this specification applicable to the project? If so, please provide.

Response: See revisions for corrected reference. The correct reference is Section 09 91 00.

23. Reference specification Section 23 31 16-2.02.B. This specification is for "Indoor FRP ductwork". I see no mention of outdoor ductwork requirements. Are there any additional requirements as the ductwork on the project is outdoor?

Response: This specification includes requirements for indoor and outdoor ductwork. Indoor ductwork requirements are not required for this project.

24. Reference specification Section 40 05 50-2.10.A & B. These sections reference "Charlotte-Mecklenburg Utilities" and "City of Durham Water Resources". Are there any backflow preventer required on this project? If so, please clarify specifications.

Response: Yes, backflow preventors are shown on the Drawings. See revisions for corrected references.

25. Reference specification Section 44 31 16-2.02.G.1.a. This is a requirement for an enclosure at the "Headworks Odor Control Blower". Since this project has no Headworks, please clarify your intent.

Response: See revisions for correction. The word "headworks" has been removed.

26. Reference specification Section 44 31 16-3.03.H. This specification calls for manufacturer's representative for "two 2-hour days". Is this correct?

Response: See revisions for correction. This has been revised to two 8-hour days.

27. Reference drawing C12, 14" FRP duct from Diversion Structure. There is a note for an "Expansion Joint" between the Diversion Structure & the Carbon Adsorber, but not expansion joint is drawn. Is there to be one (1) 14" expansion joint in this line?

Response: Yes. Exact location to be determined by analysis required in Section 40 05 75.

28. Installation of Manhole MH-A. (Maximum bypass flow = 30 mgd),
Can you please confirm that 30 MGD is the MANDATORY bypass pumping design for the 36" SS line?

Response: 30 mgd is the 2-year, 24-hour wet-weather flow rate for this location.

29. Installation of 30" force main aerial crossing and associated connections. Bypass pumping is not required, but a 30" temporary HDPE bypass connection may be necessary depending on the amount of time the 30" force main is to be out of service.

1. What is the TDH' or PSI on the existing 30" FM?
2. What MGD flows through this 30" FM?
3. Can the flows from 30" FM be discharged into existing 42" gravity line?

Response:

1. Approximately 60 psi
2. Approximately 12 mgd
3. No, the force main is only in use during wet-weather events.

30. Installation of 42" Gravity Sewer Line West of the proposed aerial crossing will conflict with existing 18" Gravity Sewer. (Maximum bypass flow = 4 mgd)

1. Can you please confirm that 4 MGD is the MANDATORY bypass pumping design for the 18" SS line?

Response: 4 mgd is the 2-year, 24-hour wet-weather flow rate for this location.

31. Installation of Manhole M-7 (replacement of S11K005). (Maximum bypass flow = 4 mgd)
Can you please confirm that 4 MGD is the MANDATORY bypass pumping design for the 15" SS line?

Response: 4 mgd is the 2-year, 24-hour wet-weather flow rate for this location.

32. Reference drawing C-6. Concerning the tie in of the new 30" FM-DI into the existing 30" FM, what are the dry weather and wet weather flows in the existing 30" FM? Also, can the

flows be controlled without the use of bypass pumps to make this tie in? When the 30" line is cut to make the tie in, how much sewer can be expected to flow into the tie in area?

Response: The existing 30-inch force main is only used during wet-weather. No bypass pumps are required, but if the Contractor intends to remove the 30-inch from service for an extended period, a temporary force main bypass may be required. The amount of wastewater expected to flow into the tie in area is undetermined.

33. Please reference Advertisement for Bids which states the allotted time for the project is 330 days. Specification 00 52 00 (Agreement) states that the work is to be substantially complete in 260 days and ready for final payment in 280 days. Please clarify intended project time. Additionally, based upon previous construction of projects with similar complexity (near water, micropiles, shoring, tough piping, etc.), we request that the time allotted for project completion to be 450 days substantial and 480 days final.

After a thorough review, 260 days is not enough time to achieve substantial completion on this project. With the scope involved and complexity of the subsurface conditions, we request the contract time be increased to 400 days.

Response: See revisions above.

34. Reference spec section 00 2113-17.03.A regarding inclusion of "the Contract Documents...and Statement of Compliance with General Contractors Licensing Law" with the Proposal. Regarding "Contract Documents", is this implying that we submit the Proposal with ALL of the Contract Documents (plans, specs, addenda, etc.) – or just those documents specifically identified elsewhere in the bidding documents? Regarding "Statement of Compliance", where is this form found – and is it required? Please advise.

Response: Only Contracting Documents and documents identified elsewhere are required to be submitted.

35. Reference spec section 00 5200-4.02.A regarding contract times for Substantial/Final Completion – currently stated in this spec section as 260/280 days respectively. Based on other discussion regarding contract time(s) in the bidding documents (p. 00 1116-2 & pre-bid meeting minutes (see Addendum #1)), it appears that these times should be 300/330 respectively. We have previously requested additional contract time(s) for substantial/final completion for this project (the installation/coordination of micropiles and 30-day operating test period prior to attaining Substantial Completion being key issues) - we iterate our request for contract time(s) being extended to 450/480 days respectively for Substantial/Final Completion.

Response: See revisions above.

36. Reference the Davis-Bacon documents – in particular, they included General Decision Numbers TN180146 (HEAVY) and TN180089 (BUILDING). It appears these decisions have been superseded and need to be reissued. Further, are "BUILDING" trades/wages limited to the footprints of the "Electrical Building" and "Pre-Fabricated Restroom" – and all other trades/wages for this project outside these footprints be subject to the "HEAVY" decision? Please advise.

Response: Revised wage rate decisions are attached to this addendum. Building trades/wages are limited to the footprints of the Electrical Building and Pre-Fabricated Restroom.

37. Reference spec section 01 1216-1.03.E.c thru 1.03.E.g regarding the GC having to provide "Golf Cart Shuttle Services" as specified for the Tennis Facility during construction. After scrutiny, it is our opinion that the Owner (or Tennis Facility Tournament organizers) will be better served cost-wise and coordination-wise by employing/organizing their own transportation services rather than having the GC provide this service as part of the contract. Please delete these requirements from the contract – or consider adding a "cash allowance" for the Owner to pay for the services of a firm to provide these services.

Response: Bid Form has been revised to include an allowance for this service.

38. Reference the previous question above regarding "Golf Cart Shuttle Services" which are specified in 01 1216-1.03.E.c thru 1.03.E.g. If the GC must provide these services, please address the following:
- a. Confirm that spec section 1.03.E.g "IS" the requirement regarding number of days/tournament and events/year for providing shuttle service – some tournament durations in Attachment A are listed as 4-day events (?).
 - b. Will golf cart drivers be subject to Davis-Bacon minimum wage requirements? If so, please advise which wage rate is to be utilized.
 - c. Spec section 1.03.E.d requires services to be provided from 1 hour prior to and ½ hour after matches each day. Please identify start/finish times for the days outlined in 1.03.E.g.
 - d. Please consider adding a "cash allowance" for the GC to provide & pay for these services.
 - e. Exactly when are "Golf Cart Shuttle Services" required? Is this service required for every event (per the table in 01 1216-1.03.E.g) for the entire construction period (or contract time?) regardless of construction progress &/or temporary fencing/barricade layouts? Or, must this service be provided only when the parking lot to the south of the Tennis Facility is "unavailable" due to construction? Is it the Owner's intent to close the "South" parking lot for the duration of the construction period (or contract time?)? It appears that access to the South parking lot could be made available most times during construction when needed for events (via removable access gates/barricades?) but drivers/pedestrians would have to endure the eyesore of construction in this area – this being the case, no "special" shuttle/transportation service would be required in excess of what currently exists.

To iterate from previous, we believe this whole "golf cart shuttle" discussion/requirement should be removed from the GC's responsibility – but if it is to remain in the GC's contract, further discussion/clarity is needed in order to minimize costs to the Owner – or make sure that the GC includes enough money in its proposal to accurately reflect contractual requirements.

Response:

- a. Attachment A is provided as a reference for the typical schedule for events. The table provided in 01 12 16 1.03.E.g is the level effort required for each size of tournament.
- b. No.
- c. Start and finish times vary depending on the tournament, but generally are during daylight hours.

- d. Bid Form has been revised to include an allowance for this service.
- e. If parking is not affected, the golf cart service is not required. The golf cart service is required in the event parking or access to the tennis facility is impaired due to construction activities.

39. Reference specification Section 32 31 00-2.01.B & drawing CD-3, Detail B. The specification calls for 6' fence fabric & the detail shows 8' fence. Please clarify.

Response: Fence is 8 feet. See revision above.

40. This project is funded by SRF and all valves have to meet the requirements of the American Iron and Steel Act (AIS). Specification Section 40 05 50-29, 2.13 sole sources A.R.I Air and Vacuum Relief & Combination Air and Vacuum Relief Valves. Industry knowledge is these valves are not Domestic and do not meet AIS.

Response: This project is subject to AIS requirements. Any manufacture listed is not released of this requirement. See revisions above.

41. On the Building Mounted Antenna Mast detail on Sheet I-8, there is some conflicting and incomplete information. Is the intent for the integrator to design the antenna? Please provide clarification on this antenna.

Response: The intent is for the integrator to provide and install the antenna and mounting assembly. The notes to Engineer regarding design are not intended for the integrator.

42. The prefabricated restroom. Who supplies power? What type power is required?

Response: Power shall be provided by the electrical contractor. The restroom is located where shown on Civil sheets and will be fed from the adjacent equipment building. Electrical work associated with the prefabricated restroom is covered under bid allowance number 11.

December 16, 2019

Justin C Holland, Administrator
City of Chattanooga

STATE REVOLVING FUND LOAN PROGRAM

Loan Recipient's Requirements for Solicitation and Documentation of Disadvantaged Business Enterprises (DBE) Participation on State Revolving Fund (SRF) Projects

A goal-oriented system has been established to promote **Disadvantaged Business Enterprises (DBE)** participation by providing construction services, professional services, supplies, and/or equipment on SRF Loan-funded water and wastewater projects. It is the Loan Recipient's responsibility to ensure that Bidders make a good faith effort during the bidding phase to solicit for subcontractor participation by **DBE** subcontractors, service professionals, suppliers, and/or equipment vendors on all SRF-funded projects.

DEFINITIONS

DBE - Minority Business Enterprise (MBE): A qualified socially and economically disadvantaged minority-owned business certified by any State or Federal agency, such as the Tennessee Department of Transportation, U.S. EPA's Office of Small and Disadvantaged Business Utilization, or the U.S. Small Business Administration.

DBE - Women's Business Enterprise (WBE): A qualified independent business at least 51% owned by a woman or women and certified by any State or Federal agency such as the Tennessee Department of Transportation, U.S. EPA's Office of Small and Disadvantaged Business Utilization, or the U.S. Small Business Administration.

Fair-Share Goals: The MBE fair-share goal is 2.6% for construction and 5.2% for supplies, services, and equipment. The WBE fair share goal is 2.6% for construction and 5.2% for supplies, services, and equipment.

INSTRUCTIONS TO LOAN RECIPIENTS

Pre-Bid Requirements

Loan Recipients must include the SRF Loan Program's "Bidder's Requirements for Solicitation and Documentation of **DBE** Participation on SRF-Funded Projects" information sheet in the Information for Bidders section of bid documents. Loan Recipients must also ensure that Bidders take the following affirmative steps that constitute a good-faith effort to secure **DBE** participation:

- Include certified **DBEs** on solicitation lists whenever they are potential sources,
- Divide construction contracts into subcontracts, when economically feasible, to encourage maximum participation by **DBEs**.
- Establish delivery schedules, where requirements of the work permit, that encourage participation by **DBEs**.
- Use the services and assistance of the Office of Minority Business Enterprises of the U.S. Department of Commerce, or the U.S. EPA's Office of Small and Disadvantaged Business Utilization. For assistance or information, Bidders may be referred to:

Tennessee Department of Transportation
Small Business Development
505 Deaderick Street, Suite 1800
Nashville, TN 37243-0347
(615) 741-3681

http://www.tdot.state.tn.us/construction/DBE%20list/dbe_list.pdf

Mr. W. Clinton Smith, District Director
U.S. Small Business Administration
50 Vantage Way, Suite 201
Nashville, TN 37228
(615) 736-5881

<http://pro-net.sba.gov/>

Ms. Jeanette L. Brown, Director
U.S. Environmental Protection Agency
Office of Small and Disadvantaged Business Utilization
1200 Pennsylvania Avenue, N.W. (1230A)
Washington, D.C. 20460
(202) 564-4100

<http://www.epa.gov/osdbu/>

POST-BID REQUIREMENTS

Whether or not DBE participation was obtained, the Loan Recipient must complete the "**Loan Recipient's Certification and Summary**" form for every contract detailing whether or not **DBE** participation of subcontractors, professional service providers, suppliers, and/or equipment vendors was obtained. The "**Loan Recipient's Certification and Summary**" form must be submitted to the Administrative Section of the SRF Loan Program prior to the award of any construction contract(s) along with the newspaper **advertisement**, a **Publisher's Affidavit**, and **return receipts** and copies of the **certified letters** that were mailed to a minimum of 10 qualified DBEs.

STATE REVOLVING FUND LOAN PROGRAM

**Loan Recipient's Requirements for Solicitation and Documentation
of
Disadvantaged Business Enterprises (DBE) Participation
on State Revolving Fund (SRF) Projects**

If DBE participation was obtained, the “**Loan Recipient's Certification and Summary**” form must clearly indicate whether **DBE** participation was obtained from either a subcontractor, professional service provider, supplier, and/or equipment vendor participation; identify the **DBE** firm(s) to be used; and certify that the **DBE** firm(s) is a certified **DBE**. In addition to the “**Loan Recipient's Certification and Summary**” form, the Loan Recipient must include in the submittal to the SRF Loan Program, copies of the **Prime Contractor's Notice Letter** for EPA Form 6100-2, EPA Form 6100-3, and EPA Form 6100-4.

If no DBE participation was obtained, the Loan Recipient must submit a separate letter documenting that a “**good-faith effort**” was made to secure **DBE** participation. This letter is submitted along with the above-mentioned “**Loan Recipient's Certification and Summary**” form, newspaper **advertisement**, **Publisher's Affidavit**, **return receipts**, and copies of the **certified letters**. The SRF Loan Program provides a template to the Loan Recipient for this letter.

This documentation is the only form of documentation that will be accepted by the SRF Loan Program. Failure to provide the required documentation may result in a delay of the SRF Loan Program's approval of the Authority-to-Award/Bid Package, thereby delaying the award of the construction contract(s).

The Loan Recipient should direct all inquiries regarding the SRF Loan Program's requirements for **DBE** solicitation and documentation to Andrea Fenwick at (615) 532-0771, andrea.w.fenwick@tn.gov, or the following address:

Andrea Fenwick, Manager
Administrative and Financial Section
Tennessee State Revolving Fund Loan Program
WRS - Tennessee Tower, 12th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

STATE REVOLVING FUND LOAN PROGRAM

Loan Recipient's Good Faith Effort Letter for DBE Participation

(Insert on Loan Recipient's Letterhead)

(Date)

Andrea Fenwick, Manager
Administrative and Financial Sections
State Revolving Fund Loan Program
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, TN 37243

RE: Good Faith Effort -- Disadvantaged Business Enterprises (DBE) Participation
City/County/UD/Authority (??? County), Tennessee
Loan No. SRF/CWA/CGA/DWF/DWA/DGA 20??-??
Contract No. ????, Contract Description

Dear Ms. Fenwick:

This letter is to inform you that the City/County/UD/Authority did, in good faith, encourage Disadvantaged Business Enterprises (DBE) to participate in the above referenced project by placing a special notice to Disadvantaged Business Enterprises (DBE) firms in both the invitation to bid and the public advertisement for bids. The City/County/UD/Authority, through the consulting engineer, (A/E Consulting Firm), sent a copy of the invitation to bid and a set of contract documents to the Office of Minority Business Enterprises. The City/County/UD/Authority also sent certified letters, return receipts requested, to a minimum of ten (10) DBE potential subcontractors, professional service providers, suppliers, and equipment vendors requesting DBE participation through their office, A/E, or their contractor. The consulting engineer on this project is (Name), (Firm).

We have not received any DBE participation; we believe we have done a good faith effort.

If you have any questions, please don't hesitate to contact us.

Sincerely,

(Authorized Representative Name)

(Authorized Representative Title)

cc: (A/E Consultant Name and Firm)

STATE REVOLVING FUND LOAN PROGRAM

Contractor Receipt Letter – Form 6100-2

(Please Insert on Contractor Letterhead)

(Date)

Ms. Andrea Fenwick, Manager
Administrative and Financial Sections
State Revolving Fund Loan Program
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, TN 37243

RE: Receipt and Distribution of EPA Form 6100-2
Disadvantaged Business Enterprise (DBE) Participation
(City/County/UD/Authority) (??? County), Tennessee
Loan No. SRF/CWA/CGA/DWF/DWA/DGA 20??-??
(Contract Name and/or Number)

Dear Ms. Fenwick:

This letter is to inform you the EPA Form 6100-2 was received from the (City/County/UD/Authority) and was then given to all DBE Subcontractors as required who are going to provide either construction, services, supplies, or equipment for this project.

If you have any questions concerning this notification, please contact us at (Phone No., e-mail, etc.).

Sincerely,

(Contractors Authorized Representative)
(Title)

cc: (Consulting Engineer for the contract)
(City/County/UD/Authority's Authorized Representative)

Disadvantaged Business Enterprise (DBE) Program DBE Subcontractor Participation Form

An EPA Financial Assistance Agreement Recipient must require its prime contractors to provide this form to its DBE subcontractors. This form gives a DBE¹ subcontractor² the opportunity to describe work received and/or report any concerns regarding the EPA-funded project (e.g., in areas such as termination by prime contractor, late payments, etc.). The DBE subcontractor can, as an option, complete and submit this form to the EPA DBE Coordinator at any time during the project period of performance.

Subcontractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Prime Contractor Name		Issuing/Funding Entity:	

Contract Item Number	Description of Work Received from the Prime Contractor Involving Construction, Services , Equipment or Supplies	Amount Received by Prime Contractor

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.



OMB Control No: 2090-0030
 Approved: 8/13/2013
 Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
 DBE Subcontractor Performance Form**

This form is intended to capture the DBE¹ subcontractor's² description of work to be performed and the price of the work submitted to the prime contractor. An EPA Financial Assistance Agreement Recipient must require its prime contractor to have its DBE subcontractors complete this form and include all completed forms in the prime contractors bid or proposal package.

Subcontractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Prime Contractor Name		Issuing/Funding Entity:	

Contract Item Number	Description of Work Submitted to the Prime Contractor Involving Construction, Services, Equipment or Supplies	Price of Work Submitted to the Prime Contractor
DBE Certified By: ___ DOT ___ SBA ___ Other: _____		Meets/ exceeds EPA certification standards? ___ YES ___ NO ___ Unknown

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.



OMB Control No: 2090-0030
Approved: 8/13/2013
Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
DBE Subcontractor Performance Form**

I certify under penalty of perjury that the forgoing statements are true and correct. Signing this form does not signify a commitment to utilize the subcontractors above. I am aware of that in the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33.302 (c).

Prime Contractor Signature	Print Name
Title	Date

Subcontractor Signature	Print Name
Title	Date

The public reporting and recordkeeping burden for this collection of information is estimated to average three (3) hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

**Disadvantaged Business Enterprise (DBE) Program
DBE Subcontractor Utilization Form**

This form is intended to capture the prime contractor's actual and/or anticipated use of identified certified DBE¹ subcontractors² and the estimated dollar amount of each subcontract. An EPA Financial Assistance Agreement Recipient must require its prime contractors to complete this form and include it in the bid or proposal package. Prime contractors should also maintain a copy of this form on file.

Prime Contractor Name		Project Name	
Bid/ Proposal No.	Assistance Agreement ID No. (if known)	Point of Contact	
Address			
Telephone No.		Email Address	
Issuing/Funding Entity:			

I have identified potential DBE certified subcontractors	___ YES	___ NO	
If yes, please complete the table below. If no, please explain:			
Subcontractor Name/ Company Name	Company Address/ Phone/ Email	Est. Dollar Amt	Currently DBE Certified?

Continue on back if needed

¹ A DBE is a Disadvantaged, Minority, or Woman Business Enterprise that has been certified by an entity from which EPA accepts certifications as described in 40 CFR 33.204-33.205 or certified by EPA. EPA accepts certifications from entities that meet or exceed EPA certification standards as described in 40 CFR 33.202.

² Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.



OMB Control No: 2090-0030
Approved: 8/13/2013
Approval Expires: 8/31/2015

**Disadvantaged Business Enterprise (DBE) Program
DBE Subcontractor Utilization Form**

I certify under penalty of perjury that the forgoing statements are true and correct. Signing this form does not signify a commitment to utilize the subcontractors above. I am aware of that in the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33.302 (c).

Prime Contractor Signature	Print Name
Title	Date

The public reporting and recordkeeping burden for this collection of information is estimated to average three (3) hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

STATE REVOLVING FUND LOAN PROGRAM

Loan Recipient's and Contractor's Guidance

FY2010 and After

Tracking and Reporting

For tracking and reporting purposes, the **Loan Recipient** is responsible for the following:

- Ensuring that the Contractor is in compliance with the Davis Bacon provisions of ARRA
- The loan recipients **must keep a file** in which all documentation **must be stored** for the current classifications and wage rates (under the Davis-Bacon Act) for the construction of their projects. This file must be kept for three (3) years after the project is completed and **will** be subject to audit by the State of Tennessee and the Environmental Protection Agency (EPA).
- Any additional tracking and reporting requirements from EPA

For tracking and reporting purposes, the **Contractor** is responsible for the following:

- Achieving and maintaining compliance with the Davis Bacon provisions of ARRA
- Submitting with each **pay estimate** a certification stating that workers have been paid the current prevailing wage rates for each classification according to the Davis-Bacon wage rate schedule currently in effect for this project
- Any additional tracking and reporting requirements from EPA

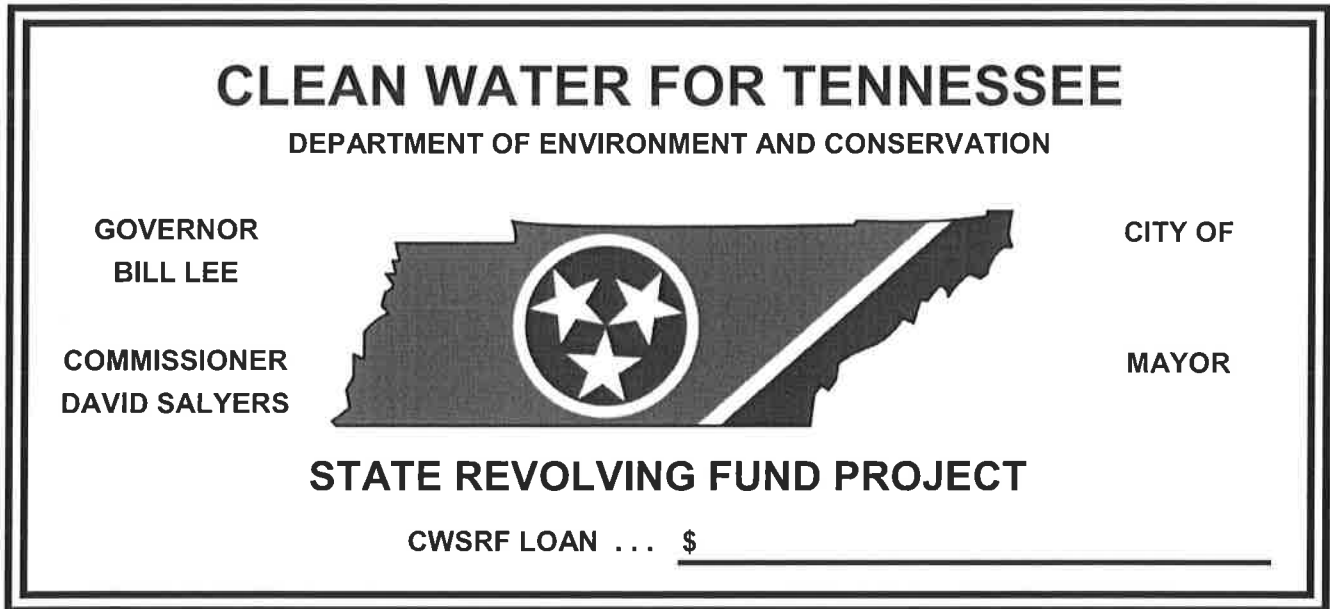
Please contact Andrea Fenwick, Administrative Section Manager for the SRF Loan Program, at 615-532-0771 or andrea.w.fenwick@tn.gov to obtain details.

CLEAN WATER STATE REVOLVING FUND

IDENTIFICATION SIGN

All plans and specifications for each project approved shall contain provisions for requiring the general contractor to provide identification signs. The signs shall conform to the following basic features:

1. The following diagram shall be used as a design:



2. The sign shall be a 4'0" X 8'0" sheet of exterior grade plywood and shall be built so as to remain erected during the entire construction phase of the project.
3. The background of both sides shall be white. The lettering shall be black and shall be large enough to take advantage of the full size of the plywood. The stars shall be white set on a blue field and surrounded by a white ring placed inside a state map in red with a stripe of white and blue on the right side. The sign shall be bordered by a one-inch blue stripe.

Revised: MARCH 11, 2019

that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."

- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. Where this Bid Form contains the provision for a bid based on a lump sum price, the Bidder shall be responsible for having prepared its own estimate of the quantities necessary for the satisfactory completion of the Work specified in these Contract Documents and for having based the lump sum price bid on its estimate of quantities.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total Price
Mobilization / Demobilization					
1	Furnish all products, materials, and equipment and perform all labor necessary to complete and put into operation the DuPont Pump Station and Basin Improvements (Phase 2), including all work shown on the Drawings and per the requirements provided in the Specifications, but not including Bid Items 2 and 3.		Lump Sum		\$
2	Furnish all products, materials, and equipment and perform all labor necessary to complete the <i>precast restroom</i> , including all work shown on the Drawings and per the requirements provided in the Specifications.		Lump Sum		\$
3	Furnish all products, materials, and equipment and perform all labor necessary to complete the <i>dock repairs</i> , including all work shown on the Drawings and per the requirements provided in the Specifications,		Lump Sum		\$
Cash Allowances					
4	Soil, Concrete and Materials Testing		Allowance		\$ 40,000
5	Construction Verification Surveying		Allowance		\$ 15,000
6	Permitting		Allowance		\$ 15,000
7	Landscape Plan Development and Landscaping		Allowance		\$ 50,000
8	Connection to Existing Waterline		Allowance		\$ 30,000
9	Power Company Allowance		Allowance		\$ 100,000
10	Golf Cart Shuttle Services		Allowance		\$ 20,000
11	Prefabricated Electrical Connection		Allowance		\$ 20,000
Total Base Bid:					\$

BID TOTAL, ITEMS 1 THROUGH 11, INCLUSIVE, THE AMOUNT OF _____

_____ DOLLARS (\$ _____).

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Statement of Bidders Qualifications
 - B. Affidavit of No Collusion by Prime Bidder
 - C. Drug-Free Workplace Affidavit
 - D. Iran Divestment Act Compliance Certification
 - E. Attestation Regarding Personnel Used in Contract Performance
 - F. Certification By Proposed Prime or Subcontractor Regarding Equal Employment Opportunity
 - G. Certification Regarding Debarment, Suspension and Other Responsibility Matters

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

Attest: _____
(Notary)

Name (typed or printed): _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

Attest: _____
(Signature of another Partner)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature)

Name (typed or printed): _____

Title: _____ (CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

Name (typed or printed): _____

Date of Qualification to do business in Tennessee is _____

A Joint Venture

Name of Joint Venturer: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

All Bidders shall complete the following:

Bidder's Business address: _____

Phone: _____ Facsimile: _____

Primary Contact: _____

E-mail: _____

Submitted on _____, 201__.

State Contractor License No. _____.

This document was prepared in part from material (EJCDC C-410 Suggested Bid Form for Construction Contracts) which is copyrighted as indicated below:

Copyright © 2007 National Society of Professional Engineers
1420 King Street, Alexandria, VA 22314-2794
(703) 684-2882
www.nspe.org

American Council of Engineering Companies
1015 15th Street N.W., Washington, DC 20005
(202) 347-7474
www.acec.org

American Society of Civil Engineers
1801 Alexander Bell Drive, Reston, VA 20191-4400
(800) 548-2723
www.asce.org

Associated General Contractors of America
2300 Wilson Boulevard, Suite 400, Arlington, VA 22201-3308
(703) 548-3118
www.agc.org

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"General Decision Number: TN20190088 10/25/2019

Superseded General Decision Number: TN20180089

State: Tennessee

Construction Type: Building

County: Hamilton County in Tennessee.

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

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 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 \$10.60 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 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available

at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	06/28/2019
2	10/25/2019

BOIL0454-001 03/01/2018

	Rates	Fringes
Boilermaker.....	\$ 30.07	21.61

CARP0074-003 05/01/2017

	Rates	Fringes
CARPENTER (Including Form Work (Excluding Acoustical Ceiling Installation).....	\$ 20.80	11.26

* ELEC0175-010 06/01/2019

	Rates	Fringes
ELECTRICIAN.....	\$ 32.17	14.5%+7.60

ENGI0917-019 05/01/2017

	Rates	Fringes
OPERATOR: Power Equipment		
Crane.....	\$ 28.26	10.10
Forklift.....	\$ 25.97	10.10
Grader/Blade.....	\$ 25.97	10.10

* IRON0704-006 05/01/2019

	Rates	Fringes
--	-------	---------

IRONWORKER, STRUCTURAL AND

REINFORCING.....\$ 27.45 15.77

PLUM0043-004 07/01/2017

Rates Fringes

PIPEFITTER (Including HVAC

Pipe Installation).....\$ 29.32 10.83

PLUM0043-005 07/01/2017

Rates Fringes

PLUMBER (Excluding HVAC Pipe

Installation).....\$ 29.32 10.83

SHEE0005-009 05/01/2019

Rates Fringes

SHEET METAL WORKER (Including

Metal Building Erector(Metal

Siding/Wall Panels), HVAC

Duct Installation and Metal

Roof Installation).....\$ 27.73 14.87

SUTN2009-087 09/21/2009

Rates Fringes

BRICKLAYER.....\$ 20.00 0.80

CARPENTER (Acoustical Ceiling

Installation Only).....\$ 17.43 2.25

CEMENT MASON/CONCRETE FINISHER...\$ 17.55 1.57

LABORER: Common or General.....\$ 11.47 5.12

LABORER: Landscape.....\$ 10.67 0.89

LABORER: Mason Tender - Brick...\$ 10.00	0.80
LABORER: Roof Tearoff.....\$ 9.75	0.49
OPERATOR:	
Backhoe/Excavator/Trackhoe.....\$ 18.90	7.53
OPERATOR: Bobcat/Skid	
Steer/Skid Loader.....\$ 17.53	0.00
OPERATOR: Bulldozer.....\$ 18.90	7.53
OPERATOR: Mechanic.....\$ 18.66	3.39
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....\$ 13.50	0.00
OPERATOR: Roller.....\$ 13.98	0.00
PAINTER: Spray.....\$ 14.30	0.00
ROOFER: Built up Roof.....\$ 12.74	0.00
ROOFER: Rubber Roof.....\$ 15.73	0.00
ROOFER: Single Ply Roof.....\$ 16.50	0.32
TILE FINISHER.....\$ 10.00	0.74
TRUCK DRIVER: Dump Truck.....\$ 12.56	0.00
TRUCK DRIVER: Material Truck....\$ 16.50	1.95
TRUCK DRIVER: Pickup Truck.....\$ 11.70	3.92

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

=====

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.

=====

END OF GENERAL DECISION"

"General Decision Number: TN20190145 10/25/2019

Superseded General Decision Number: TN20180146

State: Tennessee

Construction Type: Heavy

Including Water and Sewer Line Construction

Counties: Hamilton and Sequatchie Counties in Tennessee.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 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 \$10.60 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 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR

5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	06/14/2019
2	10/25/2019

* ELEC0175-012 06/01/2019

Hamilton County

	Rates	Fringes
ELECTRICIAN.....	\$ 32.17	14.5%+7.60

ELEC0429-008 06/01/2019

Sequatchie County

	Rates	Fringes
Electrician.....	\$ 27.24	13.21

ENGI0917-022 05/01/2017

	Rates	Fringes
Operating Engineers:		
Bulldozer and Crane.....	\$ 28.26	10.10
Forklift.....	\$ 25.97	10.10

LABO0846-001 05/01/2018

	Rates	Fringes
LABORER: Common or General.....	\$ 15.36	5.97

SUTN2009-144 12/02/2009

	Rates	Fringes
LABORER: Flagger.....	\$ 8.73	0.00
LABORER: Pipelayer.....	\$ 11.68	0.00
OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 16.82	0.00
OPERATOR: Loader.....	\$ 13.50	0.00
TRUCK DRIVER: Dump Truck.....	\$ 10.76	0.00

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"