

**EXHIBIT 2**

**CONTRACTUAL SPECIFICATIONS**

**AND STANDARDS**

## EXHIBIT 2

### CONTRACTUAL SPECIFICATIONS AND STANDARDS

Contractor must comply with all Local, State and Federal Regulations including, but not limited to, the following Specifications and Standards:

Item	Title	Edition
1	Department of Watershed Management Design Standards, Potable Water Main, Gravity Sanitary Sewer, and Sanitary Sewer and Force Main Design Standards	2017 Edition <i>Or Latest Edition</i>
2	Technical Specifications (included)	attached
3	The Georgia Manual for Erosion and Sedimentation Control	Latest Edition
4	Federal Highway Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)	Latest Edition
5	ASTM International Standards formerly known as American Society for Testing and Materials (ASTM)	Latest Edition
6	American Water Works Association (AWWA)	Latest Edition
7	The American Association of State Highway and Transportation Officials (hereinafter AASHTO)	Latest Edition
8	National Sanitation Foundation (NSF)	Latest Edition
9	American Concrete Institute (ACI)	Latest Edition
10	29 Code of Federal Regulations (CFR) 1910	Latest Edition
11	29 Code of Federal Regulation 1926	Latest Edition
12	Davis-Bacon Act	Latest Edition
13	American Iron & Steel Requirements	Latest Edition

### ***How to Obtain the Referenced Technical Specifications***

1. Department of Watershed Management Design Standards, Potable Water Main, Gravity Sanitary Sewer, and Sanitary Sewer and Force Main Design Standards.  
<https://www.dekalbcountyga.gov/watershed-management/office-engineering-construction-management-services>
2. State of Georgia, Department of Transportation, GDOT Standard Specifications Construction of Transportation Systems, 2013 Edition.  
[http://www.dot.ga.gov/PartnerSmart/Business/Documents/GDOT\\_SpecBook\\_2013.pdf](http://www.dot.ga.gov/PartnerSmart/Business/Documents/GDOT_SpecBook_2013.pdf)
3. State of Georgia, Department of Transportation, Supplemental Specification book for the Construction of Transportation System – 2016  
[http://www.dot.ga.gov/PartnerSmart/Business/Source/special\\_provisions/2016%20Supplemental%20Specifications/2016SupplementalSpecBook.pdf](http://www.dot.ga.gov/PartnerSmart/Business/Source/special_provisions/2016%20Supplemental%20Specifications/2016SupplementalSpecBook.pdf)
4. State of Georgia, Department of Transportation, Functional Classification Maps  
<http://www.dot.ga.gov/DS/Data>

To order hard copies (books) of the GDOT publications listed above (Nos. 2, 3 and 4), please contact:

Georgia Department of Transportation  
600 West Peachtree St., NW  
Atlanta, Georgia 30308  
Phone No.: (404) 631-1215

Or fill the order form for available publications following this link:

<http://www.dot.ga.gov/PartnerSmart/Business/Documents/Avail-Publications.pdf>

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**A. The Contractor shall comply with the following Special Conditions:**

1. ***Contract must be Federal Funding Compliant. Refer to Page 80 for Sample Contract.***
2. ***Prevailing Wages (Davis-Bacon Act) and American Iron and Steel*** - This project will be partially funded by State of Georgia and/or Federal sources. As such, Contractors and subcontractors will be required to comply with the Contract provisions included regarding these requirements. Refer to Page 80 for Sample Contract, and the current Prevailing Wage Determination, which are explicitly part of this Contract.
3. ***Pre-Construction Meeting*** - A pre-construction meeting is mandatory prior to any installation. Pre-construction meetings will be arranged by the County with the Contractor, Transportation Division, the Department of Watershed Management, and any other appropriate stakeholders.
4. ***Daily Work Location*** - Contractor is required to submit a Daily Route of all proposed work locations for the current work day. This information is due in the DWM office by 7:30 a.m.
5. ***Weekly Report*** - Contractor is required to submit in writing a weekly total of all work completed within the preceding week. This information is due on Thursday mornings no later than 7:30 a.m. This total shall include all material used and contract items completed. Format shall be as specified by the Construction Manager. These summary of weekly quantities shall be included as backup documents to the Pay Applications.
6. ***Four Week Lookahead Traffic Schedule***- Contractor is required to submit a schedule of work listing the roads and lanes affected. The schedule shall be submitted by close of business each Thursday, projecting work and expected impacts for the subsequent four (4) weeks. Format shall be as shown in **Form 1 Four Week Lookahead Traffic Schedule**.
7. ***Right of Entry (ROE)*** – Contractor is responsible to obtain Rights of Entry as needed. A minimum of 3 attempts per ROE shall be made before escalating ROE procurement to the County for assistance.
8. ***Work Coordination*** - It shall be the Contractor's responsibility to coordinate his work with any work to be performed by the owners or others in any right-of-way clearance and arrange a schedule of the operations that will allow for the completion of the project without any undue delay.
9. ***Obstruction Compensation*** - The Contractor will not be compensated for any delay or damage caused by the utility facilities, obstruction, or any other item not being removed or relocated to clear construction in advance of this work.
10. ***Mobilization/Demobilization*** – There will be no separate charge for mobilization, demobilization and closeout by the Contractor. Contractor must include in unit rates for bid items included in the Contract.
11. ***Protection of Sidewalks*** - It shall be the Contractor's responsibility to protect driveways, sidewalks, curbs and catch basins during construction. Damaged or broken sidewalks, curbs, or catch basins shall be replaced or repaired at the Contractor's expense.

12. **Protection of Roadways** - The Contractor shall use considerable care in protecting the riding surface of all roadways. The Contractor, to the satisfaction of the Owner, will correct gouges, edge failures, curb damage and any other defects deemed necessary.
13. **Grassing** - The Contractor shall bid on the grassing, seed or sod, per sq yd. All disturbed unpaved areas shall be grassed. The unit price bid for grassing shall include all of the following at no extra cost to the County: agricultural lime, fertilizer mix grade, fertilizer nitrogen content, mulching, hay and/or straw and watering until a good stand of grass is established. Grassing is to be replaced in kind. If the initial grassing did not produce satisfactory results as deemed by the Owner. Grassing shall be restored equal to or better than the existing condition.
14. **Pavement** - Pavement removed outside of limit of pavement shown (Typical Pavement Patch Detail) or specified otherwise, will be replaced in kind or with concrete depending upon the area of the excavation. Payment will be per sq yd. No claims will be considered for compensation for base and pavement restoration outside of the limit of pavement shown.
15. **Rip-rap** - Rip-rap is to be installed at locations as directed by the Owner.
16. **Traffic Flow** - The flow of traffic will be maintained at all times during construction unless instructed otherwise by the Owner. The Contractor shall furnish all traffic control devices/measures per “The Manual on Uniform Traffic Control Devices for Streets and Highways” (MUTCD) requirements and guidelines including but not limited to flagmen, warning signs, barricade and lights necessary to control the traffic and protect the public. Payment of traffic control setup shall be made per the unit price established in the contract.
17. **Mailboxes** - If a mailbox must be removed during construction, the Contractor shall replace it in the same order as original, so as to not cause any disruption of mail delivery. The Work will not be measured separately for payment. A temporary mailbox shall be placed by the Contractor to allow customer to receive mail during construction.
18. **Hydrant Meters** – If hydrant water is needed for construction, the Contractor must acquire a hydrant meter from DeKalb County Watershed Management at 774 Jordon Lane, Suite 200. This meter is to be used for any and all water usage. Chlorinated water released at the project site must satisfy environmental protection requirements.
19. **Backfilling** - Contractor shall provide all necessary suitable backfill material in the trench and over the pipe, in accordance with the Referenced Standards. All bends, thrust blocks, and appurtenances must be inspected before backfilling the trench.
20. **Public Outreach Contact (POC)** – The Contractor shall designate a public outreach contact (POC) on the construction crew to continuously coordinate and provide information regarding customer service issues at the project site to the County’s construction manager, who will notify the County’s DWM Public Outreach Office (DWMPOO) and Public Communications and Outreach Specialist (PCOS). The POC’s specific duties are specified in Section 01335.
21. **Pre-Construction Video** - The Contractor is required to record the existing conditions within the right-of-way and all adjacent areas, including all driveways, on videotape prior to any construction activity. A copy shall be submitted to the County and shall become its property. Short narrative descriptions identifying locations are required on the tapes for permanent records.

22. **Erosion Control** - All erosion control measures shall be in place before the start of any excavation.
23. **Dust** - Contractor is responsible for all dust control measures along with keeping the roadway clear of dirt and mud during construction.
24. **Work Sites** - Open construction pits shall be backfilled and closed at the end of each working day. Exceptions shall be permitted only by the approval of the Owner. Open pits and road cuts shall be covered utilizing steel plates in accordance with DWM Design Standards and latest Amendments. All work sites shall be clean and safety protection elements in place at the end of the work day. No equipment shall linger in the roadway unattended.
25. **Material in Creek or Stream** - Contractor shall not be allowed to deposit excavated material in the creek or stream. The Contractor is to submit a plan for creek or stream crossing of equipment for approval by the Owner. The plan shall indicate the means and method to be employed during construction. Creek crossings shall be designed in accordance with the Technical Specifications referenced in the General Requirements.
26. **Plan Elevations** - Elevations on plans shown are mean sea level according to the Georgia Geodetic Survey. Bearings on plans are grid north.
27. **Lighting Facilities** - High intensity lighting facilities shall be so arranged that the source of any light is concealed from public view and from adjacent residential property and does not interfere with traffic.
28. **Pipe Lengths** - All pipe lengths are scaled lengths from center of structure. Contractor shall verify prior to ordering materials.
29. **Miscellaneous Fittings** - Miscellaneous fittings not specifically listed in the Bid Schedule but required for a complete piping system shall not be paid for as separate items. The contractor shall incorporate cost as a part of the applicable items listed in the Bid Pricing Schedule.
30. **Bridge Attachments** – In the event of a pipeline crossing on a bridge structure, a special design is required and will be provided by the County.
31. **Uncased Boring/Free Bore** - When directed by the Owner, the Contractor shall use an earth auger machine to bore a controlled hole to the line and grade required and as necessary. Said hole shall be of a constant diameter which shall not exceed four (4) inches larger than the joint diameter of the pipe, and shall be maintained until the pipe is installed through the hole. If the annular space between the earthen hole and the pipe exceed six (6) inches, then the Contractor shall fill in such space either by pressure grouting or pumping a flowable fill to eliminate possible settlement.
32. **Georgia Utility Contractor's License** – The Prime Contractor and/or it's Sub-Contractors performing utility work shall be required to have a Georgia Utility Contractor's License. A copy of said license should be attached with the Bid Package and available for inspection during the term of the contract.
33. **Georgia Utility Manager's License** – In addition to the Prime Contractor, all Sub-Contractors performing utility work are also required to have a Georgia Utility Manager's License. A copy of said license should be attached with the Bid Package and available for inspection during the term of the contract.

34. ***Prime Point of Contact*** - The Contractor's "Main Point of Contact" shall be on site at all times. This person's responsibilities shall include the role of a liaison between the County and the sub-contractor or the workers.
35. ***Personal Protective Equipment (P.P.E.)*** - Contractor/Sub-Contractor shall wear all appropriate P.P.E. at all times when working on the job site.
36. ***CCTV Inspection*** - The CCTV inspection (pre-installation), if requested by the County will be paid per linear footage price established in this contract. The contractor shall provide the CCTV record to the County using the NASSCO PACP standard. The post installation CCTV inspection is an integral part of the contract and will not be paid separately.
37. ***Payment Applications*** – Contractor and County staff shall review and inspect payment items prior to monthly payment application submittal. Contractor is required to submit a weekly summary of bid item quantities installed and accepted by the County Inspector each week. The tabulation of approved quantities will be the basis for the monthly pay application. Pay applications are to also include certified payroll documents that coincide with the work billed for that period. Pay applications are due to the DWM Project Manager on the 25<sup>th</sup> of each month. Format will be discussed after award.

**WAGE DETERMINATIONS  
FOR  
DEKALB COUNTY,  
GEORGIA -  
HEAVY CONSTRUCTION**



"General Decision Number: GA20190074 04/05/2019

Superseded General Decision Number: GA20180086

State: Georgia

Construction Type: Heavy

Heavy Construction, Includes Water and Sewer Lines, and Heavy Construction on Treatment Plant Sites and Industrial Sites (Refineries, Power Plants, Chemical and Manufacturing Plants, Paper Mills, Etc.)

Counties: Barrow, Butts, Carroll, Cherokee, Clayton, Coweta, Dawson, Dekalb, Douglas, Fayette, Forsyth, Haralson, Heard, Henry, Jasper, Lamar, Meriwether, Newton, Paulding, Pickens, Pike, Rockdale and Spalding Counties in Georgia.

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

Modification Number	Publication Date
0	01/04/2019
1	04/05/2019

\* ELEC0613-021 10/01/2018

BARROW, BUTTS, CARROLL, CHEROKEE, CLAYTON, COWETA, DAWSON, DEKALB, DOUGLAS, FAYETTE, FORSYTH, HARALSON, HEARD, HENRY, MERIWETHER, NEWTON, PAULDING, PICKENS, PIKE, ROCKDALE, & SPALDING COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 31.70	31%

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ELEC1316-018 09/01/2018

JASPER & LAMAR COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 25.79	12.81

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ENG10474-027 07/01/2017

HENRY & JASPER COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
Crane: 119 Tons and Under...	\$ 24.55	13.83
Crane: 120 to 249 Tons.....	\$ 27.85	13.83
Crane: 250 to 499 Tons.....	\$ 28.85	13.83
Crane: 500 Tons and Larger..	\$ 29.85	13.83
Mechanic.....	\$ 26.85	13.83

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ENGI0926-030 07/01/2018

BARROW, BUTTS, CARROLL, CHEROKEE, CLAYTON, COWETA, DAWSON,  
DEKALB, DOUGLAS, FAYETTE, FORSYTH, HARALSON, HEARD, LAMAR,  
MERIWETHER, NEWTON, PAULDING, PICKENS, PIKE, ROCKDALE, &  
SPALDING COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
Crane, Mechanic.....	\$ 30.63	13.13

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PLUM0072-021 08/01/2016

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 30.18	13.82

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SUGA2012-104 08/11/2012

	Rates	Fringes
CARPENTER, Excludes Form Work....	\$ 14.76	0.00

TIB 19-104067:  
Consent Decree -- Gravity Sewer Rehabilitation and Replacement (CD-GSRR) (Multiyear with 1 Option To Renew)

CEMENT MASON/CONCRETE FINISHER...	\$ 16.96	0.00
FENCE ERECTOR.....	\$ 12.00	0.00
FORM WORKER.....	\$ 17.00	0.00
IRONWORKER, REINFORCING.....	\$ 13.30	1.66
LABORER: Common or General.....	\$ 11.43	1.54
LABORER: Pipelayer.....	\$ 13.48	1.10
OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 16.63	2.50
OPERATOR: Bulldozer.....	\$ 18.68	7.83
OPERATOR: Grader/Blade.....	\$ 18.24	0.27
OPERATOR: Loader.....	\$ 16.80	4.04
OPERATOR: Piledriver.....	\$ 18.72	2.06
OPERATOR: Roller.....	\$ 13.71	0.94
TRUCK DRIVER: Dump Truck.....	\$ 12.79	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 17.28	1.84

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
for Federal Contractors applies to all contracts subject to the

Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year.

Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

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

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

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed

in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

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

#### Survey Rate Identifiers

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

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

## Union Average Rate Identifiers

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

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

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## WAGE DETERMINATION APPEALS PROCESS

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

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

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial

contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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

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

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

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

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

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

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



Consent Decree -- Gravity Sewer Rehabilitation and Replacement (CD-GSRR) (Multiyear with 1 Option To Renew)

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

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END OF GENERAL DECISION"

## **Form 1**

### **Four Week Lookahead Traffic Schedule**

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