#### CONTRACTOR AGREEMENT (Emergency Utility Repairs for Water, Wastewater and Stormwater)

**THIS AGREEMENT** is made this \_\_\_\_\_\_, between the **City of Lake Worth Beach**, Florida, a municipal corporation, hereinafter the "CITY", with its office located at 7 North Dixie Highway, Lake Worth Beach, Florida 33460, and **Johnson-Davis Incorporated**, a company authorized to do business in the State of Florida, hereinafter the "CONTRACTOR", with its office located at 604 Hillbrath Drive, Lantana, FL 33462.

#### **RECITALS**

WHEREAS, the CITY is a municipal corporation organized and existing pursuant to the Charter and the Constitution of the State of Florida;

WHEREAS, the CITY issued Invitation to Bid # 20-106 (hereinafter "IFB") for the Emergency Utility Repairs for Water, Wastewater and Stormwater; and

WHEREAS, CONTRACTOR submitted a Bid to perform the services described and set out in the IFB which is incorporated herein by reference with the Scope of Services specifically attached as **Exhibit "A"**; and

WHEREAS, the CITY desires to accept the CONTRACTOR's bid in order for CONTRACTOR to render the services to the CITY as provided herein; and

WHEREAS, the CONTRACTOR further warrants that it is experienced and capable of performing the tasks hereunder in a professional and competent manner; and

WHEREAS, this Agreement has been identified as providing essential services which is anticipated to be needed by the CITY in the event of a hurricane or other disaster in order to provide the services for the benefit of the public health, safety and welfare; and

WHEREAS, CONTRACTOR acknowledges and agrees that in such event, the CITY may apply to the State of Florida or the federal government for funds which will be used to pay CONTRACTOR or reimburse the CITY for payments made to CONTRACTOR, and that the federal government will only consider reimbursing for contracts which contain the requisite FEMA provisions; and

WHEREAS, CONTRACTOR acknowledges and agrees that any work performed under this Agreement and pursuant to the IFB will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives; and

WHEREAS, CONTRACTOR acknowledges and agrees to the terms laid out in IFB and **Exhibit "B**", which are the provisions required to be included in contracts funded by

federal grants, including FEMA Public Assistance (see 2 C.F.R. § 200.326 and applicable FEMA guidance); and

WHEREAS, the CITY finds making the non-exclusive award of the IFB to the CONTRACTOR as described herein serves a valid public purpose.

NOW THEREFORE, the CITY hereby engages the services of the CONTRACTOR, and in consideration of the mutual promises herein contained, the sufficiency of which is hereby acknowledged by both parties, the parties agree as follows:

#### 1. TERM

The initial term of this non-exclusive Agreement shall be from the date of execution by the CITY for an initial term of three (3) years with two (2) additional 1-year renewal options unless earlier terminated in accordance with the terms of this Agreement.

Rates shall remain firm for the first three (3) years of the Agreement subject to terms and conditions to be negotiated on requests for consideration of a price adjustment after that term.

## 2. SCOPE OF WORK

2.1 The Scope of Work includes all implements, machinery, equipment, transportation, tools, materials, supplies, labor and other things necessary to provide repairs to the CITY's water distribution, wastewater collection and stormwater collection systems immediately after a hurricane, other disaster, or as needed by the CITY on an emergency basis. CONTRACTOR represents that it is capable of efficiently repairing water distribution, wastewater collection and stormwater collection systems for a large CITY area in a timely and cost-effective manner. The CONTRACTOR is also capable of assembling, directing, and managing a work force that can complete the repairs in timely and efficient manner

2.2. The CONTRACTOR represents that it is experienced and proficient in all phases of construction and repairs of water systems, including but not limited to: furnishing and installing various sizes of pipe for gravity sewer main and force main, water distribution lines and storm sewer mains; and concrete structures for the wastewater and storm water systems, set up and monitoring of bypass pumping; dewatering systems; and restoration related to landscaping, asphalt and concrete work may also be required as needed. The CONTRACTOR must be capable of assembling, directing, and managing a work force that can complete the repairs in the assigned number of days

2.2 The CONTRACTOR represents to the CITY that the Scope of Work provided under this Agreement and IFB shall be in accordance with accepted and established trade practices and procedures recognized in the CONTRACTOR's trade in general and that the materials shall conform to the highest standards and in accordance with this Agreement.

2.3 The CONTRACTOR represents that it is licensed to do business in the State of Florida and holds and will maintain all applicable licenses required for the work to be completed under this Agreement. The CONTRACTOR further warrants its capability and experience to perform the work provided for herein in a professional and competent manner.

2.4 The Scope of Work shall be performed by the CONTRACTOR or under its supervision and all personnel engaged in performing the Scope of Work shall be fully qualified and, if required, authorized or permitted under the state and local law to perform such Scope of Work. All of the CONTRACTOR's personnel (and all subcontractors), while on CITY premises, shall comply with all CITY requirements governing safety, conduct and security.

2.5 The Scope of Work shall be completed in accordance with the terms and conditions set forth in the IFB and this Agreement.

# 3. INDEPENDENT CONTRACTOR; USE OF AGENTS OR ASSISTANTS

3.1 The CONTRACTOR is and shall be, in the performance of the Scope of Work under this Agreement, an independent contractor, and not an employee, agent, or servant of the CITY. All persons engaged in any of the Scope of Work performed pursuant to this Agreement shall at all times, and in all places, be subject to the CONTRACTOR's sole direction, supervision, and control. The CONTRACTOR shall exercise control over the means and manner in which it and its employees perform the Scope of Work.

3.2 To the extent reasonably necessary to enable the CONTRACTOR to perform the Scope of Work hereunder, the CONTRACTOR shall be authorized to engage the services of any agents or assistants which it may deem proper, and may further employ, engage, or retain the services of such other persons or corporations to aid or assist in the proper performance of its duties. All costs of the services of, or expenses incurred by, such agents or assistants shall be paid by the CONTRACTOR.

## 4. MATERIALS

4.1 The CONTRACTOR shall provide all materials as more specifically set forth in the Scope of Work.

## 5. FEE AND ORDERING MECHANISM

5.1 For services to be rendered under this Agreement, the CONTRACTOR shall be entitled to a billing rates set forth in CONTRACTOR's bid in Schedule of Unit Prices for

services to be performed, which is attached hereto as **Exhibit "C"**. The CONTRACTOR's Schedule of Unit Prices shall remain fixed for the first three (3) years of this Agreement. After the first three (3) years of this Agreement, if due to applicable price escalations and/or reductions which impact the CONTRACTOR's Schedule of Unit Prices, the CITY and CONTRACTOR may execute a written amendment to this Agreement to establish new Schedule of Unit Prices for the renewal term(s). The City Manager may approve changes in the CONTRACTOR's Schedule of Unit Prices based on the recommendation of the CITY's Water Utility Director or designee.

5.2 Should the CITY require additional materials or services, not included in this Agreement, fees and payment for such work will be set forth in a separate amendment, as authorized in accordance with the CITY's procurement code prior to any such additional materials or services being provided by the CONTRACTOR.

5.3 The CITY's ordering mechanism for the Scope of Work performed under this Agreement may be a Work Order or CITY Purchase Order; however, the terms and conditions stated in a CITY Purchase Order shall not apply. CONTRACTOR shall not exceed amounts expressed on any Purchase Order. The CITY's Fiscal Year ends on September 30<sup>th</sup> of each calendar year and the CITY cannot authorize the purchase of goods or services beyond September 30<sup>th</sup> of each calendar year, prior to the annual budget being approved by the CITY's City Commission. Additionally, the CITY must have budgeted appropriate funds for the goods and services in any subsequent Fiscal Year. If the budget is approved for said goods and services, the CITY will issue a new Purchase Order for required and approved goods and/or services.

5.4 This Agreement does not guarantee that the CITY will utilize the CONTRACTOR in any capacity or for any services hereunder. When the CITY identifies a need for the CONTRACTOR's services, the CITY will request a proposal from the CONTRACTOR to provide the services requested. The CITY will provide the CONTRACTOR with plans and/or specifications in order for the CONTRACTOR to develop its proposal. The CONTRACTOR's proposal shall be submitted in the format of the sample work order, attached hereto and incorporated herein as Exhibit "D" along with a copy of the CONTRACTOR's proposal and shall be based on the CONTRACTOR's Schedule of Unit Prices attached hereto as Exhibit "C". Upon receipt of the CONTRACTOR's proposed work order and proposal, the CITY shall decide in its sole discretion whether to award the work order to the CONTRACTOR. In an event of declared disaster, the work order or a Purchase Order may be awarded by the CITY's City Manager. If the work order is approved by the CITY, the CONTRACTOR shall commence the identified services upon the CITY's approval of the work order for the services and issuance of a notice to proceed. The CITY reserves the right to reject any and all proposals submitted by the CONTRACTOR. A CITY-approved work order shall include (by reference) the plans and/or specifications provided by the CITY to the CONTRACTOR.

## 6. MAXIMUM COSTS

6.1 The CONTRACTOR expressly acknowledges and agrees that the total cost to complete the Scope of Work in accordance with the IFB and this Agreement is not to exceed **the amount(s) set forth in the approved City work order or Purchase Order issued to the CONTRACTOR annually**, and no additional costs shall be authorized without prior written approval from the CITY.

# 7. INVOICE & PAYMENT

7.1 The CONTRACTOR shall submit an itemized invoice to the CITY for approval prior to receiving compensation. The CONTRACTOR shall be paid within thirty (30) days of receipt of an approved invoice for work.

7.2 If the CITY disputes any invoice or part of an invoice, CITY shall notify the CONTRACTOR within a reasonable time after receipt of the invoice. CITY reserves the right to off-set, reduce or withhold any payment to the CONTRACTOR until the dispute is resolved.

7.3 Payment to the Contractor shall be made pursuant Florida's Prompt Payment Act (for construction services), section 218.735, Florida Statutes, except as provided herein. Specifically, the City will withhold ten percent (10%) of each payment from a work order to the CONTRACTOR as retainage until fifty percent (50%) of the work order price is paid to the CONTRACTOR. Upon payment of fifty percent (50%) of the work order price to the CONTRACTOR, the CITY will withhold only five percent (5%) of each work order payment made to the CONTRACTOR. Upon written request from the CONTRACTOR, the Contract Administrator may agree in writing with the CONTRACTOR to release a portion of the retainage upon payment of fifty percent (50%) of the work order price being paid to the CONTRACTOR (not to exceed fifty percent (50%) of the total retainage amount).

7.4 Upon substantial completion, the CONTRACTOR shall establish a punch-list of items that must be completed by the CONTRACTOR. The punch-list shall be provided to the CITY within ten (10) days of substantial completion. The CITY shall have five (5) business days to review the punch-list and revise the same. The CITY shall return the punch-list to the CONTRACTOR. The CONTRACTOR shall complete all items identified on the punch-list prior to the CONTRACTOR submitting its final payment request including the request for all retainage.

7.5 Final Payment. Upon final completion and acceptance of the work in accordance with this Agreement (including all punch-list items) and final inspection by the appropriate agency with jurisdiction over the project (if other than the CITY), the CONTRACTOR shall submit a "final invoice" to the CITY. In order for both parties to close their books and records, the CONTRACTOR will clearly state "FINAL" on the CONTRACTOR's final

invoice. This certifies that all work under the applicable work order has been properly completed and all charges have been invoiced to the CITY. Since this account will thereupon be closed, any and other further charges if not properly included in this final invoice are waived by the CONTRACTOR. If the CONTRACTOR's Final Invoice is approved as set forth above, the CITY shall pay the remainder of the work order price including any amount held as retainage.

7.6 Notwithstanding the foregoing, the CITY shall not be required to pay or release any amount of retainage that is subject of a good faith dispute, the subject of a claim brought pursuant to section 255.05, Florida Statutes, or otherwise the subject of a claim or demand by the CITY.

7.7 Final payment shall not become due until the CONTRACTOR and all of its subcontractors submit to the CITY releases and waivers of liens, and data establishing payment or satisfaction of obligations, such as receipts, claims, security interests or encumbrances arising out of this Agreement or otherwise related to the Program.

7.8 Acceptance of final payment by the CONTRACTOR or a subcontractor shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final invoice.

## 8. PUBLIC CONSTRUCTION BOND

It is anticipated that work awarded under this Agreement may require a public construction bond under section 255.05, Florida Statutes. Due to the likelihood of services having to be performed on an emergency basis, the CONTRACTOR must provide the CITY with a public construction bond in amount of \$200,000 at the beginning of the hurricane season (no later than June 1 of each year) which is in accordance with section 255.05, Florida Statutes. Said bond shall remain in place until December 1 of each year. The bond must be recorded in the Official Records in and for Palm Beach County and a copy of the recorded bond must be provided to the CITY prior to the CONTRACTOR providing any services under this Agreement.

If the CITY approves a Purchase Order or a work order which exceeds \$200,000 in total construction cost, the CONTRACTOR must provide the CITY with an amendment to the bond which covers the amount in excess of \$200,000. Said bond amendment must be recorded in the Official Records in and for Palm Beach County and a copy of the recorded bond amendment must be provided to the CITY prior to the CONTRACTOR providing any services under the Purchase Order or work order. The CITY reserves the right to request a separate public construction bond for any Purchase Order or work order which is less than \$200,000. The cost of the public construction bond(s) as required under this section shall be a direct pass through cost to the CITY without any mark-up by the CONTRACTOR.

The public construction bond shall be on forms attached hereto as **Exhibit "E"** or substantially similar as approved by the CITY and shall incorporate by reference the terms of this Agreement in its entirety.

To be acceptable to the CITY, a Surety Company shall comply with the following provisions:

The Surety Company shall have a currently valid Certificate of Authority, issued by the State of Florida Department of Insurance, authorizing it to write surety bonds in the State of Florida.

(a) The Surety Company shall have a currently valid Certificate of Authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Code.

(b) The Surety Company shall be in full compliance with the provisions of the Florida Insurance Code.

(c) The Surety Company shall have at least twice the minimum surplus and capital required by the Florida Insurance Code at the time the CONTRACTOR submits its proposed work order for CITY approval.

(d) The Surety Company shall have at least the ratings of A-/Class V in the latest issue of Best's Key Rating Guide.

(e) The Surety Company shall not expose itself to any loss on any one risk in an amount exceeding ten (10) percent of its surplus to policyholders, provided:

1. Any risk or portion of any risk being reinsured shall be deducted in determining the limitation of the risk as prescribed in this section. These minimum requirements shall apply to the reinsuring carrier providing authorization or approval by the State of Florida, Department of Insurance to do business in this state have been met.

2. In the case of the surety insurance company, in addition to the deduction for reinsurance, the amount assumed by any co-surety, the value of any security deposited, pledged or held subject to the consent of the surety and for the protection of the surety shall be deducted.

# 9. AUDIT BY CITY

9.1 The CONTRACTOR shall permit the CITY, or any authorized representatives of the CITY, at all reasonable times, access to and the right to examine all records, books, papers or documents related to the CONTRACTOR's performance under this Agreement including, but not limited to, expenses for sub-contractors, agents or assistants, direct

and indirect charges for work performed and detailed documentation for all such work performed or to be performed under this Agreement.

# 10. COPIES OF DATA/DOCUMENTS

10.1 Copies or original documents prepared by the CONTRACTOR in relation to work associated with this Agreement shall be provided to the CITY. Data collected, stored, and/or provided shall be in a form acceptable to the CITY and agreed upon by the CITY.

## 11. OWNERSHIP

11.1 Each and every report, draft, work product, map, record, and other document reproduced, prepared, or caused to be prepared by the CONTRACTOR pursuant to or in connection with this Agreement shall be the exclusive property of the CITY.

## 12. WRITTEN AUTHORIZATION REQUIRED

12.1 The CONTRACTOR shall not make changes in the Scope of Work or perform any additional services or provide any additional material under this Agreement without first obtaining written authorization from the CITY for such additional services or materials. Additional services or materials provided without written authorization shall be done at the CONTRACTOR's sole risk and without payment from the CITY.

# 13. DEFAULTS, TERMINATION OF AGREEMENT

13.1 If the CONTRACTOR fails to timely perform the Scope of Work or has failed in any other respect to satisfactorily perform in accordance with this Agreement; or, is in material breach of a term or condition of this Agreement, the City Manager or designee may give written notice to the CONTRACTOR specifying defaults to be remedied. Such notice shall set forth the basis for any dissatisfaction and suggest corrective measures. If the CONTRACTOR does not remedy defaults within the allotted time or commence good faith steps to remedy the default to the reasonable satisfaction of the City Manager or designee, the CITY may take such action to remedy the default and all expenses related thereto shall be borne by the CONTRACTOR including, without limitation, utilization of another contractor to provide for such work; and/or, the CITY may withhold any money due or which may become due to the CONTRACTOR for such expense and/or work related to the claimed default. Alternatively, or in addition to the foregoing, if after three (3) days the CONTRACTOR has not remedied defaults or commenced good faith steps to remedy defaults to the satisfaction of the City Manager or designee, the CITY may elect to terminate this Agreement. No compensation shall be paid for de-mobilization, take-down, disengagement wind-down, lost profits or other costs incurred due to termination of this Agreement under this paragraph.

13.2 Notwithstanding paragraph 13.1, the CITY reserves the right and may elect to terminate this Agreement at any time, with or without cause. At such time, the CONTRACTOR would be compensated only for that work which has been satisfactorily completed to the date of termination. No compensation shall be paid for de-mobilization, take-down, disengagement wind-down, lost profits or other costs incurred due to termination of this Agreement under this paragraph.

## 14. INSURANCE

14.1. Prior to commencing the Scope of Work, the CONTRACTOR shall provide certificates evidencing insurance coverage as required hereunder. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Certificates shall clearly indicate that the CONTRACTOR has obtained insurance of the type, amount, and classification as required for strict compliance with this Section and that no material change or cancellation of the insurance shall be effective without thirty (30) days' prior written notice to the CITY. Failure to comply with the foregoing requirements shall not relieve the CONTRACTOR of its liability and obligations under this Contract. All insurance, other than Workers' Compensation, required hereunder shall specifically include the "City of Lake Worth Beach" as an "Additional Insured" on a primary, non-contributory basis, and the CONTRACTOR shall provide additional insured endorsements section of Certificates of Insurance.

14.2. The CONTRACTOR shall maintain, during the life of this Agreement, commercial general liability, including contractual liability insurance in the amount of \$1,000,000 per occurrence (\$2,000,000 aggregate) to protect the CONTRACTOR from claims for damages for bodily and personal injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this Agreement, whether such operations be by the CONTRACTOR or by anyone directly employed by or contracting with the CONTRACTOR.

14.3. The CONTRACTOR shall maintain, during the life of this Agreement, comprehensive automobile liability insurance in the minimum amount of \$1,000,000 combined single limit for bodily injury and property damages liability to protect the CONTRACTOR from claims for damages for bodily and personal injury, including death, as well as from claims for property damage, which may arise from the ownership, use, or maintenance of owned and non-owned automobiles, including rented automobiles whether such operations be by the CONTRACTOR or by anyone directly or indirectly employed by the CONTRACTOR.

14.4. The CONTRACTOR shall maintain, during the life of this Agreement, Workers' Compensation Insurance and Employer's Liability Insurance for all employees as required by Florida Statutes.

## 15. WAIVER OF BREACH

15.1 The waiver by either party of any breach of any provision of this Agreement shall not operate or be construed as a waiver of any subsequent breach of that same or any other provision.

## 16. INDEMNITY

16.1 The CONTRACTOR shall indemnify, defend and hold harmless, to the maximum extent permitted by law, the CITY and its officers, agents, employees and representatives, from and against any and all liability, suit, actions, proceedings, judgments, claims, losses, liens, damages, injuries (whether in contract or in tort, including personal injury, accidental death, patent infringement or property damage, and regardless, of whether the allegations are false, fraudulent or groundless), costs and expenses (including attorney's fees, litigation, arbitration, mediation, appeal expenses) to the extent arising out of or alleged to have arisen out of the acts, omissions or neglect of the CONTRACTOR or any of its agents, employees, subcontractors or by anyone the CONTRACTOR directly or indirectly employed.

16.2 The CONTRACTOR's obligation to indemnify, defend and hold harmless shall remain in effect and shall be binding upon the CONTRACTOR whether such injury or damage shall accrue, or may be discovered, before or after termination of this Agreement.

16.3 Compliance with any insurance requirements required elsewhere in this Agreement shall not relieve CONTRACTOR of its liability and obligation to defend, hold harmless and indemnify the CITY as set forth in this section.

16.4 Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the CITY or CONTRACTOR. Further, nothing contained in this Agreement shall be construed or interpreted as consent by the CITY to be sued, nor as a waiver of sovereign immunity beyond the waiver provided in section 768.28, Florida Statutes, as amended from time to time.

16.5 The CONTRACTOR's failure to comply with this section's provisions shall constitute a material breach upon which the CITY may immediately terminate or suspend this Agreement.

# 17. ENTIRE AGREEMENT AND ORDER OF PRECEDENCE

17.1 This Agreement consists of the terms and conditions provided herein; the IFB (including all specifications, exhibits and addenda attached thereto or referenced therein and the Scope of Services attached as Exhibit "A"); all applicable federal grant requirements (Exhibit "B"); and, the CONTRACTOR's Equipment and Personnel Rate Schedule (Exhibit "C"). To the extent that there exists a conflict between this Agreement

and the remaining documents, the terms, conditions, covenants, and/or provisions of this Agreement along with Exhibit "A" shall prevail with the IFB (including all specifications, exhibits and addenda attached thereto or referenced therein and the Scope of Services attached as Exhibit "A") next taking precedence. Wherever possible, the provisions of such documents shall be construed in such a manner as to avoid conflicts between provisions of the various documents.

17.2 This Agreement supersedes any and all other Agreements, either oral or in writing, between the parties hereto with respect to the subject matter hereof, and no other Agreement, statement, or promise relating to the subject matter of this Agreement which is not contained herein shall be valid or binding.

## 18. ASSIGNMENT

18.1 Nothing under this Agreement shall be construed to give any rights or benefits to any party other than the CITY and the CONTRACTOR. All duties and responsibilities under this Agreement shall be for the sole and exclusive benefit of the CITY and the CONTRACTOR and not for the benefit or any other party. The CONTRACTOR shall not assign any right or interest in this Agreement, and shall not delegate any duty owned, without the CITY's prior written consent. Any attempted assignment or delegation shall be void and totally ineffective for all purposes, and shall constitute a material breach upon which the CITY may immediately terminate or suspend this Agreement.

18.2 In the event the CITY consents to an assignment or delegation, the assignee, delegate, or its legal representative shall agree in writing to personally assume, perform, and be bound by this Agreement's covenants, conditions, obligations and provisions.

## 19. SUCCESSORS AND ASSIGNS

19.1 Subject to the provision regarding assignment, this Agreement shall be binding on the heirs, executors, administrators, successors, and assigns of the respective parties.

# 20. OF TRIAL BY JURY

20.1 TO ENCOURAGE PROMPT AND EQUITABLE RESOLUTION OF ANY LITIGATION, EACH PARTY HEREBY WAIVES ITS RIGHTS TO A TRIAL BY JURY IN ANY LITIGATION RELATED TO THIS AGREEMENT.

## 21. GOVERNING LAW AND REMEDIES

21.1 The validity of this Agreement and of any of its terms or provisions, as well as the rights and duties of the parties hereunder, shall be governed by the laws of the State of Florida and venue shall be in Palm Beach County, Florida.

21.2 No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

## 22. TIME IS OF THE ESSENCE

22.1 Time is of the essence in the completion of the Scope of Work as specified herein.

# 23. NOTICES

23.1 All notices hereunder must be in writing and, unless otherwise provided herein, shall be deemed validly given on the date when personally delivered to the address indicated below; or on the third (3<sup>rd</sup>) business day following deposit, postage prepaid, using certified mail, return receipt requested, in any U.S. postal mailbox or at any U.S. Post Office; or when sent via nationally recognized overnight courier to the address indicated below. Should the CITY or the CONTRACTOR have a change of address, the other party shall immediately be notified in writing of such change, provided, however, that each address for notice must include a street address and not merely a post office box. All notices, demands or requests from the CONTRACTOR to the CITY shall be given to the CITY address as follows:

Michael Bornstein, City Manager City of Lake Worth Beach 7 North Dixie Highway Lake Worth Beach, Florida 33460

All notices, demands or requests from the CITY to the CONTRACTOR shall be given to the CONTRACTOR address as follows:

Johnson-Davis Incorporated Attn. Clark Cryer 604 Hillbrath Drive Lantana, Florida 33462

## 24. SEVERABILITY

24.1 Should any part, term or provision of this Agreement or any document required herein to be executed be declared invalid, void or unenforceable, all remaining parts, terms and provisions hereof shall remain in full force and effect and shall in no way be invalidated, impaired or affected thereby.

## 25. DELAYS AND FORCES OF NATURE

25.1 The CONTRACTOR shall not be considered in default by reason of a delay in timely performance if such delay and failure arises out of causes reasonably beyond the control of the CONTRACTOR or its subcontractors and without their fault or negligence. Upon the CONTRACTOR's request, the CITY shall consider the facts and extent of any such delay and failure to timely perform the work for reason beyond the control of the CONTRACTOR and, if the CONTRACTOR'S delay and failure to timely perform was without it or its subcontractors' fault or negligence, as determined by the CITY in its sole discretion, the time of completion shall be extended for any reasonable time that the CITY, in its sole discretion, may decide; subject to the CITY'S rights to change, terminate, or stop any or all of the work at any time. If the CONTRACTOR is delayed at any time in the progress of the work by any act or neglect of the CITY or its employees, or by any other contractor employed by the CITY, or by changes ordered by the CITY or in an unusual delay in transportation, unavoidable casualties, or any causes beyond the CONTRACTOR'S control, or by delay authorized by the CITY pending negotiation or by any cause which the CITY, in its sole discretion, shall decide justifies the delay, then the time of completion shall be extended for any reasonable time the CITY, in its sole discretion, may decide. No extension of time shall be made for any delay occurring more than five (5) days before a claim therefore is made in writing to the CITY. In the case of continuing cause of delay, only one (1) claim is necessary. The CONTRACTOR's sole remedy for a delay in completion of the work for any reason will be an extension of time to complete the work and CONTRACTOR specifically waives any right to seek any monetary damages or losses for a delay in completion of the work, including, but not limited to, waiving any right to seek monetary amounts for lost profits, additional overhead, salaries, lost productivity, efficiency losses, or any other alleged monetary losses which may be allegedly suffered by CONTRACTOR due to a delay in completion of the work.

25.2 Neither party shall be considered in default in the performance of its obligations hereunder or any of them, if such obligations were prevented or delayed by any cause, existing or future beyond the reasonable control of such party which include but are not limited to acts of God, labor disputes or civil unrest.

## 26. COUNTERPARTS

26.1 This Agreement may be executed in counterparts, each of which shall be an original, but all of which shall constitute one and the same document. This Agreement may be executed with electronic signatures.

# 27. LIMITATIONS OF LIABILITY

27.1 Under no circumstances shall either party be liable to the other for any consequential, incidental, special, punitive, or any other form of indirect or non-compensatory damages.

# 28. PUBLIC ENTITY CRIMES

28.1 CONTRACTOR acknowledges and agrees that a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier or sub-contractor under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statues, for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list. CONTRACTOR will advise the CITY immediately if it becomes aware of any violation of this statute.

## 29. PREPARATION

29.1 This Agreement shall not be construed more strongly against either party regardless of who was more responsible for its preparation.

# 30. PALM BEACH COUNTY INSPECTOR GENERAL

30.1 In accordance with Palm Beach County ordinance number 2011-009, the CONTRACTOR acknowledges that this Agreement may be subject to investigation and/or audit by the Palm Beach County Inspector General. The CONTRACTOR has reviewed Palm Beach County ordinance number 2011-009 and is aware of its rights and/or obligations under such ordinance.

# 31. ENFORCEMENT COSTS

31.1 All parties shall be responsible for their own attorneys' fees, court costs and expenses if any legal action or other proceeding is brought for any dispute, disagreement, or issue of construction or interpretation arising hereunder whether relating to the Agreement's execution, validity, the obligations provided therein, or performance of this Agreement, or because of an alleged breach, default or misrepresentation in connection with any provisions of this Agreement.

## 32. PUBLIC RECORDS

CONTRACTOR shall comply with Florida's Public Records Laws, Chapter 119, Florida Statutes, and, if it is acting on behalf of the CITY as provided under section 119.011(2), the CONTRACTOR specifically agrees to:

- (a) Keep and maintain public records required by the CITY to perform the services under this Agreement.
- (b) Upon request from the CITY's custodian of public records, provide the CITY with a copy of the requested records or allow the records to be inspected or copied within a reasonable tie at a cost that does not exceed the cost provided in this Chapter 119, Florida Statutes, or as otherwise provided by law.
- (c) Ensure that said public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and following completion of the Agreement, if the CONTRACTOR does not transfer the records to the CITY.
- (d) Upon the completion of the Agreement, transfer, at no cost, to the CITY all public records in possession of the CONTRACTOR or keep and maintain public records required by the CITY to perform the services. If the CONTRACTOR transfers all public records to the CITY upon completion of the Agreement, the CONTRACTOR shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the CONTRACTOR keeps and maintains public records upon completion of the Agreement, the CONTRACTOR keeps and maintains public records upon completion of the Agreement, the CONTRACTOR keeps and maintains public records upon completion of the Agreement, the CONTRACTOR shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the CITY, upon request from the CITY's custodian of public records, in a format that is compatible with the information technology systems of the City.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE **APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE** CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (561) 586-1660. DANDREA@LAKEWORTHBEACHFL.GOV, OR 7 NORTH DIXIE HIGHWAY, LAKE WORTH BEACH, FLORIDA 33460.

## 33. COPYRIGHTS AND/OR PATENT RIGHTS

33.1 CONTRACTOR warrants that there has been no violation of copyrights and/or patent rights in the manufacturing, producing or selling of the goods, shipped or ordered, as a result of this Agreement and the CONTRACTOR agrees to hold the City harmless from any and all liability, loss, or expense occasioned by any such violation.

## 34. COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH

34.1 CONTRACTOR certifies that all material, equipment, etc., contained in this bid meets all OSHA requirements. CONTRACTOR further certifies that, if the material, equipment, etc., delivered is subsequently found to be deficient in any OSHA requirements in effect on date of delivery, all costs necessary to bring the material, equipment, etc. into compliance with the aforementioned requirements shall be borne by the CONTRACTOR.

## 35. FEDERAL AND STATE TAX

35.1 The CITY is exempt from Federal Tax and State Tax for Tangible Personal Property. The Procurement Official will sign an exemption certificate submitted by the successful CONTRACTOR. The CONTRACTOR shall not be exempted from paying sales tax to their suppliers for materials to fulfill contractual obligations with the CITY, nor shall the CONTRACTOR be authorized to use the CITY's tax Exemption Number in securing such materials.

## **36. PROTECTION OF PROPERTY**

36.1 The CONTRACTOR shall at all times guard against damage or loss to the property of the CITY or of other vendors or contractors and shall be held responsible for replacing or repairing any such loss or damage. The CITY may withhold payment or make such deductions as deemed necessary to insure reimbursement or replacement for loss or damage to property through negligence of the successful CONTRACTOR or its agents. The CONTRACTOR shall be responsible to safeguard all of their property such as tools and equipment while on site. The CITY will not be held responsible for any loss of CONTRACTOR property due to theft or vandalism.

## 37. DAMAGE TO PERSONS OR PROPERTY

37.1 The responsibility for all damage to person or property arising out of or on account of work done under this Agreement shall rest upon the CONTRACTOR, and the CONTRACTOR shall save the CITY harmless from all claims made on account of such damages.

## 38. WARRANTY

38.1 CONTRACTOR warrants and guarantees to the CITY that the Scope of Work provided under this Agreement shall be in accordance with the Agreement and the other documents specifically included in this Agreement. CONTRACTOR warrants that all materials and parts supplied under the Scope of Work and this Agreement shall be free from defects for a minimum of one (1) year from the final completion of the Scope of Work. CONTRACTOR guarantees that all services and labor performed under the Scope of Work and this Agreement will be free from defects for a minimum of one (1) year form the final completion of the Scope of Work. CONTRACTOR guarantees that all services and labor performed under the Scope of Work and this Agreement will be free from defects for a minimum of one (1) year from the final completion of the Scope of Work. CONTRACTOR shall provide to the CITY any and all manufacturers' warranties for the goods and services being provided under the Scope of Work. CONTRACTOR agrees to pay for all transportation and handling costs

of returning the boilers, if required, for repair or replacement. If a boiler(s) must be returned, CONTRACTOR, shall provide a replacement boiler(s) for the duration.

#### **39. SCRUTINIZED COMPANIES**

39.1 CONTRACTOR certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List and are not engaged in the boycott of Israel. Pursuant to section 287.135, Florida Statutes, the CITY may immediately terminate this Agreement at its sole option if the CONTRACTOR or any of its subcontractors are found to have submitted a false certification; or if the CONTRACTOR or any of its subcontractors, are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of this Agreement.

39.2 If this Agreement is for one million dollars or more, the CONTRACTOR certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged in business operations in Cuba or Syria as identified in Section 287.135, Florida Statutes. Pursuant to Section 287.135, the CITY may immediately terminate this Agreement at its sole option if the CONTRACTOR, or any of its subcontractors are found to have submitted a false certification; or if the CONTRACTOR or any of its subcontractors are placed on the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in Sudan List, or are or have been engaged with business operations in Cuba or Syria during the term of this Agreement.

39.3 The CONTRACTOR agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement.

39.4 The CONTRACTOR agrees that the certifications in this section shall be effective and relied upon by the CITY for the term of this Agreement, including any and all renewals.

39.5 The CONTRACTOR agrees that if it or any of its subcontractors' status changes in regards to any certification herein, the CONTRACTOR shall immediately notify the CITY of the same.

39.6 As provided in Subsection 287.135(8), Florida Statutes, if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.

#### 40. SURVIVABILITY

40.1 Any provision of this Agreement which is of a continuing nature or imposes an obligation which extends beyond the term of this Agreement shall survive its expiration or earlier termination.

#### 41. WORK FOR HIRE

41.1 All documents, including but not limited to drawings, specifications, plans, reports, other items and data or programs stored in hard-copy, electronically or otherwise (collectively referred to as "Documents" hereafter), prepared by the CONTRACTOR or its subcontractors under this Agreement shall be considered a "Work for Hire" and the exclusive property of the CITY. To the extent such Documents may not be deemed a "Work for Hire" under applicable law, CONTRACTOR and CONTRACTOR's Subcontractors will assign to the CITY all right, title and interest in and to CONTRACTOR CONTRACTOR's Subcontractors' copyright(s) for such and/or Documents. CONTRACTOR shall execute and deliver to CITY such instruments of transfer and take such other action that CITY may reasonable request, including, without limitation, executing and filing, at CITY's expense, copyright applications, assignments and other documents required for the protection of CITY's right to such Documents. The CONTRACTOR shall retain copies of the Documents for a period of three (3) years from the date of completion of the scope of services. The CITY grants to the CONTRACTOR and CONTRACTOR's Subcontractors the right and/or limited license to use a portion of the Documents prepared by the CONTRACTOR or the CONTRACTOR's Subcontractors in future projects of the CONTRACTOR or CONTRACTOR's Subcontractors with said right and/or limited license to use a portion at CONTRACTOR's or CONTRACTOR's Subcontractor's own risk and without any liability to CITY. Any modifications made by the CITY to any of the Contractor's Documents, or any use, partial use or reuse of the Documents without written authorization or adaptation by the CONTRACTOR will be at the CITY's sole risk and without liability to the CONTRACTOR.

#### REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF the parties hereto have made and executed this Agreement for Emergency Utility Repairs for Water, Wastewater and Stormwater on the day and year first above written.

#### CITY OF LAKE WORTH BEACH, FLORIDA

ATTEST:

Ву: \_\_\_\_\_

Pam Triolo, Mayor

By:

Deborah M. Andrea, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

By:

Glen J. Torcivia, City Attorney

CONTRACTOR:

APPROVED FOR FINANCIAL SUFFICIENCY

Ву:
Bruce T. Miller, Financial Services Directo
Johnson-Davis Incorporated
$\mathcal{L}(\mathcal{M})$
By:
Print Name: Scott Johnson
Title: PRESTDENT

[Corporate Seal]

STATE OF <u>FORDA</u> COUNTY OF <u>PALM BEACH</u>)

The foregoing instrument was acknowledged before me this day of d

Notary Public



LARISA DITU PELKEY Commission # GG 157707 Expires January 22, 2022 Bonded Thru Budget Notary Services

Print Name: \_\_\_\_\_ 

#### Exhibit A

#### IFB Scope of Services

The City of Lake Worth Beach is expecting that the CONTRACTOR provides repairs to the CITY's water distribution, wastewater collection and stormwater collection systems immediately after a hurricane, other disaster, or as needed by the CITY on an emergency basis. The objective of this Agreement is to secure the services of an experienced CONTRACTOR who is capable of efficiently repairing aforementioned water systems in a timely and cost-effective manner. The CONTRACTOR should be experienced and proficient in all phases of construction and repairs of water systems, including but not limited to: furnishing and installing various sizes of pipe for gravity sewer main and force main, water distribution lines and storm sewer mains; and concrete structures for the wastewater and storm water systems, set up and monitoring of bypass pumping; dewatering systems; and restoration related to landscaping, asphalt and concrete work may also be required as needed. The CONTRACTOR must be capable of assembling, directing, and managing a work force that can complete the repairs in the assigned number of days.

This is an acknowledgement that FEMA financial assistance may be used to fund the resulting contract. The CONTRACTOR shall perform all work in compliance with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives in order to maximize recovery of reimbursable expenses. This shall include the provision of audit quality documentation as required by and acceptable to FEMA for all work accomplished. This includes compliance with any disaster management or monitoring services the CITY may have under contract.

The CONTRACTOR may be required, at the CITY's discretion, to be under the direction of an agent of the CITY.

While intended to cover water, wastewater and stormwater repair needs in any major disaster scenario or other emergency, the primary focus is on the threat of hurricane damage to the CITY. The planning standards used for this project are based on the anticipated impacts of a named storm event or major flood impacting Palm Beach County, Florida.

The CITY envisions the need for multiple contracts to carry out the water utility systems work throughout the CITY in the event of a major disaster or other emergency. The CONTRACTOR must have the experience and capability to manage a major workforce with multiple subcontractors and to cover the expenses associated with a major recovery operation prior to the initial CITY payment and between subsequent payments, as well as

the capacity to provide the necessary insurance. The CONTRACTOR must also have an established management team, an established network of resources to provide the necessary equipment and personnel to complete comprehensive water utility system repairs and demonstrable experience in major disaster recovery projects.

This Agreement is a contingency contract that will be activated activated via purchase order or work order only in the case of an emergency or immediately after an emergency. As such, no compensation will accrue to the contractor(s) unless and until a purchase order or work order is issued either in anticipation of an emergency or immediately after such disaster. Each purchase order/work order will contain a price ceiling (not-to-exceed amount) that the CONTRACTOR exceeds at its own risk.

The CITY does not guarantee a CONTRACTOR will be activated under this Agreement.

In addition to using CITY forces and equipment, the CITY intends to award multiple contracts on a contingency basis for the purpose of having CONTRACTOR(S) immediately available and committed to assisting the CITY prior to or in the aftermath of an emergency. Each CONTRACTOR awarded a repair contract will serve as a General Contractor for the purpose of water utility systems repair operations, and will be able to use his/her own resources and subcontractor resources to meet the obligations of the contract and specific purchase order. It is anticipated that the CONTRACTOR will use both local and non-local subcontractors. Notwithstanding, the CONTRACTOR must take all necessary affirmative steps to assure that small and minority businesses, women's business enterprises and labor surplus area firms are solicited and used when possible.

When a major disaster or emergency occurs or is imminent, the CITY intends to contact the CONTRACTOR awarded a repair contract under this IFB to advise them of the CITY's intent to utilize the contracts via purchase order/work order.

When a major disaster or emergency occurs or is imminent, the CITY will initially send out an alert to the selected CONTRACTOR(S). This alert will serve to activate the lines of communication between the CONTRACTOR representatives and the CITY.

Specific purchase orders/work orders will be issued to select contractor(s) based on the best interest of the CITY. The CITY reserves the right to assign purchase orders to various CONTRACTORS based on pricing submitted. The CITY does not guarantee a cradle to grave pricing arrangement but reserves the right to pick and choose awarded CONTRACTORS based on ranking.

The general concept of water utility systems repairs shall include pipe break repair, pipe collapse repair, sections of pipe replacement, cleaning and lining of existing mains, among other tasks. The CITY will prescribe the specific schedule to be used after ascertaining the scope and nature of the anticipated or disaster's or emergency's impacts.

The CITY reserves the right to utilize the CONTRACTOR for other repair work consistent with this Scope of Work even if the repair work is not an emergency. Said work will be awarded via Purchase Order OR Work Order in the CITY's sole discretion.

## Reporting

The CONTRACTOR shall submit a report to the CITY Emergency Management Coordinator or designee by close of business each day of the term of the Purchase Order or Work Order, Each report shall contain, at a minimum, the following information:

- 1. Contractor's Name
- 2. Contract Number
- 3. Daily and cumulative hours for each piece of equipment, if appropriate

4. Daily and cumulative hours for personnel, by position, and tasks performed, if appropriate

5. Volumes of repairs handled

Failure to provide audit quality information by 5:00 p.m. of the following day of operation will subject CONTRACTOR to non-payment in each instance at the sole discretion of the CITY.

#### Performance of Contractor

It is the intent of the Agreement to ensure that the CONTRACTOR provides a quality level of services. To this end, all complaints received by the Emergency Management Coordinator or designee, and reported to the CONTRACTOR shall be promptly resolved pursuant to the provisions of this Agreement.

The Emergency Management Coordinator or designee may levy administrative charges for the following infractions:

1. Inability to perform repairs due to CONTRACTOR equipment or operational failures, liquidated damages of \$500 per day, for each day repair site must remain attended.

CONTRACTOR may also be subject to non-payment and liquidated damages of \$50 for the following infraction:

1. Failure to provide audit quality information by 5:00 p.m. of the following day of operation.

The CONTRACTOR may be immediately terminated and may not paid for the following:

1. Starting repairs of any non-eligible, non-CITY approved areas.

2. Moving to another designated Work Area without prior CITY approval.

3. Failure to provide service in accordance to guidelines set forth by FEMA and the CITY.

4. Soliciting work from private citizens or others to be performed in the designated Service Area during the awarded contract term.

The City reserves the right to delete or amend any of the services as listed and described herein in negotiations with the selected CONTRACTOR(S) or in specific purchase orders.

END OF SCOPE OF SERVICES

#### Exhibit B

#### Federal Contract Provisions

The Contractor hereby agrees that the following terms, at a minimum, are incorporated into this Agreement:

Equal Employment Opportunity. During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the

contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract. The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

Compliance with the Contract Work Hours and Safety Standards Act.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

(3) Withholding for unpaid wages and liquidated damages. FEMA, the State of Florida, or the CITY shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

Clean Air Act.

1. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

2. The contractor agrees to report each violation to the CITY, and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

Federal Water Pollution Control Act.

1. The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

2. The contractor agrees to report each violation to the CITY and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

Suspension and Debarment.

(1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

(2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

(3) This certification, as laid out in Exhibit I, is a material representation of fact relied upon by the CITY. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State of Florida or the CITY, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

(4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Byrd Anti-Lobbying Amendment.

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification as laid out in Exhibit J. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

Procurement of Recovered materials.

(i) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—

• Competitively within a timeframe providing for compliance with the contract performance schedule;

• Meeting contract performance requirements; or

• At a reasonable price.

(ii) Information about this requirement, along with the list of EPA-designated items, is available at EPA's Comprehensive Procurement Guidelines web site, https://www.epa.gov/smm/comprehensive- procurement-guideline-cpg-program.

(iii) The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

Access to Records.

(1) The Contractor agrees to provide the State of Florida, the CITY, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representative's access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.

(2) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

(3) The Contractor agrees to provide the FEMA Administrator or his authorized representative's access to construction or other work sites pertaining to the work being completed under the contract.

(4) In compliance with the Disaster Recovery Act of 2018, the CITY and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

DHS Seal, Logo, and Flags. The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA preapproval.

Compliance with Federal Law, Regulations, and Executive Orders. By signing this agreement, The CONTRACTOR acknowledges that FEMA financial assistance will be

used to fund all or a portion of the contract. The contractor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.

No Obligation by Federal Government. The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

Program Fraud and False or Fraudulent Statements or Related Acts. The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to this contract.

Affirmative Steps. Required Affirmative Steps

If the Contractor intends to subcontract any portion of the work covered by this Contract, the Contractor must take all necessary affirmative steps to assure that small and minority businesses, women's business enterprises and labor surplus area firms are solicited and used when possible. Affirmative steps must include:

(1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

(2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

(3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;

(4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and

(5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

## EXHIBIT C

# CONTRACTOR'S SCHEDULE OF UNIT PRICES

		Johnson-Davis Incorporated		
ITEM	DESCRIPTION	-	UNIT	PRICE
-	GENERAL CONDITIONS			
GC-1	Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	\$3,000.00
GC-2	Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	\$3,000.00
GC-3	NON-Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	\$2,000.00
GC-4	NON-Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	\$2,000.00
GC-5	Record Drawing (less than 40 LF of Utility Work)		LS	\$1,500.00
GC-6	Record Drawing (more than 40 LF of Utility Work)		LS	\$3,500.00
GC-7	Construction Survey		LS	\$500.00
GC-8	M.O.T. Residential Street		EA	\$500.00
GC-9	M.O.T. City Arterial Roadway		EA	\$1,500.00
GC-10	M.O.T. DOT Roadway		EA	\$3,000.00
GC-11	Bacteriological Testing and Clearance of Water Mains (actual cost reimbursement by City)		ALLOWANCE	N/A
GC-12	Density Tests (actual cost reimbursement by City)			N/A
GC-13	Proctor Tests (actual cost reimbursement by City)			N/A
GC-14	Florida Bearing Value Tests (actual cost reimbursement by City)			N/A
GC-15	LBR Test (Load Bearing Ratio) (actual cost reimbursement by City)			N/A
GC-16	Concrete 12" x 6" Cylinder Test (actual cost reimbursement by City)			N/A
GC-17	Applicable Permits (actual cost reimbursement by City)			N/A
WASTEWATER				
WASTEWATER FORCEMAIN- includes all fittings, appurtenances, restraints and restoration for a complete installation				
F-1	Furnish & Install 4-Inch C-900 DR-18 PVC Sewer Main		LF	\$40.00
F-2	Furnish & Install 4-Inch Class 350 DIP Sewer Main		LF	\$75.00
F-3	Furnish & Install 6-Inch C-900 DR-18 PVC Sewer Main		LF	\$45.00

F-4	Furnish & Install 6-Inch Class 350 DIP Sewer Main		LF	\$60.00
F-5	Furnish & Install 8-Inch C-900 DR-18 PVC Sewer Main		LF	\$55.00
F-6	Furnish & Install 8-Inch Class 350 DIP Sewer Main		LF	\$65.00
F-7	Furnish & Install 10-Inch C-900 DR-18 PVC Sewer Main		LF	\$65.00
F-8	Furnish & Install 10-Inch Class 350 DIP Sewer Main		LF	\$70.00
F-9	Furnish & Install 12-Inch C-900 DR-18 PVC Sewer Main		LF	\$70.00
F-10	Furnish & Install 12-Inch Class 350 DIP Sewer Main		LF	\$95.00
F-11	Furnish & Install 16-Inch C-905 DR-18 PVC Sewer Main		LF	\$75.00
F-12	Furnish & Install 16-Inch Class 350 DIP Sewer Main		LF	\$130.00
F-13	Furnish & Install 18-Inch C-905 DR-18 PVC Sewer Main		LF	\$90.00
F-14	Furnish & Install 18-Inch Class 350 DIP Sewer Main		LF	\$140.00
F-15	Furnish & Install 20-Inch C-905 DR-18 PVC Sewer Main		LF	\$95.00
F-16	Furnish & Install 20-Inch Class 350 DIP Sewer Main		LF	\$150.00
F-17	Furnish & Install 24-Inch C-905 DR-18 PVC Sewer Main		LF	\$150.00
F-18	Furnish & Install 24-Inch Class 350 DIP Sewer Main		LF	\$190.00
F-19	Furnish & Install 30-Inch C-905 DR-21 PVC Sewer Main		LF	\$180.00
F-20	Furnish & Install 30-Inch Class 350 DIP Sewer Main		LF	\$200.00
F-21	Furnish & Install 36-Inch C-905 DR-21 PVC Sewer Main		LF	\$250.00
F-22	Furnish & Install 36-Inch Class 350 DIP Sewer Main		LF	\$350.00
F-23	Furnish & Install 42-Inch Class 350 DIP Sewer Main		LF	\$550.00
	TY SANITARY SEWER - includes all fittings, tenances, dewatering and restoration for a			
appu	complete installation			
F-24	Furnish & Install 8-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$40.00
F-25	Furnish & Install 8-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	\$75.00
F-26	Furnish & Install 8-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$45.00

F-27	Furnish & Install 8-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	\$60.00
F-28	Furnish & Install 8-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	\$55.00
F-29	Furnish & Install 10-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$65.00
F-30	Furnish & Install 10-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	\$65.00
F-31	Furnish & Install 10-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$70.00
F-32	Furnish & Install 10-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	\$70.00
F-33	Furnish & Install 10-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	\$95.00
F-34	Furnish & Install 12-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$75.00
F-35	Furnish & Install 12-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	\$130.00
F-36	Furnish & Install 12-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$90.00
F-37	Furnish & Install 12-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	\$140.00
F-38	Furnish & Install 12-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	\$95.00
F-39	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	\$150.00
F-40	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	\$150.00
F-41	Furnish & Install 15-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$190.00
F-42	Furnish & Install 15-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$180.00
F-43	Furnish & Install 15-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$200.00
F-44	Furnish & Install 18-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$250.00
F-45	Furnish & Install 18-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$350.00
F-46	Furnish & Install 18-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$550.00
F-47	Furnish & Install 18-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$300.00
F-48	Furnish & Install 18-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$320.00
F-49	Furnish & Install 21-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$320.00
F-50	Furnish & Install 21-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$450.00
F-51	Furnish & Install 21-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$620.00

F-52	Furnish & Install 20-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$360.00
F-53	Furnish & Install 20-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$400.00
F-54	Furnish & Install 24-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$340.00
F-55	Furnish & Install 24-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$470.00
F-56	Furnish & Install 24-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$680.00
F-57	Furnish & Install 24-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$400.00
F-58	Furnish & Install 24-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$520.00
F-59	Furnish & Install 30-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$380.00
F-60	Furnish & Install 30-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$510.00
F-61	Furnish & Install 30-Inch DR-18 PVC Sewer Main	12' + Deep	LF	\$740.00
F-62	Furnish & Install 30-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$620.00
F-63	Furnish & Install 30-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$780.00
F-64	Furnish & Install 36-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	\$800.00
F-65	Furnish & Install 36-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	\$700.00
F-66	Furnish & Install 36-Inch DR-21 PVC Sewer Main	12' + Deep	LF	\$800.00
F-67	Furnish & Install 36-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	\$680.00
F-68	Furnish & Install 36-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	\$1,000.00
	ry Sewer Lateral Clean-Out including cut-in dall appurtenances for complete installation			
F-69	Sanitary Sewer 6" Lateral & Clean-out (single)	<7' depth to main	EA	\$2,500.00
F-70	Sanitary Sewer 6" Lateral & Clean-out (double)	<7' depth to main	EA	\$3,000.00
F-71	Sanitary Sewer 6" Lateral & Clean-out (single)	>7' depth to main	EA	\$4,500.00
F-72	Sanitary Sewer 6" Lateral & Clean-out (double)	>7' depth to main	EA	\$5,000.00
F-73	Sanitary Sewer 8" Lateral & Clean-out (single)		EA	\$3,500.00
F-74	Sanitary Sewer 8" Lateral & Clean-out (double)		EA	\$4,000.00
F	urnish & Install Gate Valve & Valve Box			
F-75	4" Gate Valve & Valve Box		EA	\$1,400.00

F-76	6" Gate Valve & Valve Box	EA	\$1,600.00
F-77	6" Plug Valve & Valve box	EA	\$2,700.00
F-78	8" Plug Valve & Valve box	EA	\$3,500.00
F-79	10" Plug Valve & Valve box	EA	\$4,000.00
F-80	12" Plug Valve & Valve box	EA	\$7,000.00
F-81	16" Plug Valve & Valve box	EA	\$10,000.00
F-82	20" Plug Valve & Valve box	EA	\$20,000.00
	a & Install Tapping Sleeve with Valve & Valve Box		, ,
F-83	4"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,000.00
F-84	6"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,500.00
F-85	6"x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$3,900.00
F-86	8"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,600.00
F-87	8"x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$5,000.00
F-88	8"x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$5,500.00
F-89	10" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,800.00
F-90	10" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$6,100.00
F-91	10" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500.00
F-92	10" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
F-93	12" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$4,000.00
F-94	12" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$5,600.00
F-95	12" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$6,500.00
F-96	12" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
F-97	12" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,000.00
F-98	16" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$5,500.00
F-99	16" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
F-100	16" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500.00
F-101	16" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,600.00
F-102	16" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$17,500.00
F-103	18" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$6,500.00
F-104	18" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,200.00
F-105	18" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$9,500.00
F-106	18" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$11,000.00
F-107	18" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$12,000.00
F-108	18" x 18" Tapping Sleeve w/Valve & Valve Box	EA	\$29,000.00
F-109	20" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$7,500.00
F-110	20" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$11,500.00
F-111	20" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$16,500.00
F-112	20" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$17,500.00
F-113	20" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$20,500.00
F-114	20" x 20" Tapping Sleeve w/Valve & Valve Box	EA	\$35,000.00
F-115	36" x 18" Tapping Sleeve w/Valve & Valve Box	EA	\$27,000.00
F-116	36" x 24" Tapping Sleeve w/Valve & Valve Box	EA	\$36,000.00
F-117	36" x 30" Tapping Sleeve w/Valve & Valve Box	EA	\$55,000.00

F-118	Wastewater Force Main 2" Air Release Valve w/Manhole	EA	\$8,000.00
F-119	Wastewater Force Main 2" or 3" Air/Vacuum Valve	EA	\$3,000.00
F-120	Wastewater Force Main 2"x1", 2"x2", 2"x3" Combination Air Valve w/Manhole	EA	\$8,000.00
Fu	Irnish & Install Line Stop inclusive of all		
ар	purtenances for a complete installation		
F-121	4" Insertion Line Stop	EA	\$4,000.00
F-122	6" Insertion Line Stop	EA	\$4,500.00
F-123	8" Insertion Line Stop	EA	\$5,500.00
F-124	10" Insertion Line Stop	EA	\$6,500.00
F-125	12" Insertion Line Stop	EA	\$10,000.00
F-126	16" Insertion Line Stop	EA	\$12,000.00
F-127	18" Insertion Line Stop	EA	\$18,000.00
F-128	20" Insertion Line Stop	EA	\$20,000.00
F-129	24" Insertion Line Stop	EA	\$30,000.00
F-130	30" Insertion Line Stop	EA	\$40,000.00
F-131	36" Insertion Line Stop	EA	\$50,000.00
	& Install new Standard Precast Concrete 48"		
	er Manhole Structure to include Bench work		
	Ring and Cover including City approved		
F-132	coatings (inside and out) at a depth of:	EA	¢c 000 00
	0' - 4' FT Deep	EA EA	\$5,000.00
F-133	4' - 6' FT Deep		\$8,000.00
F-134	6' - 8' FT Deep	EA EA	\$10,000.00
F-135	8' - 10' FT Deep		\$11,000.00
F-136	10' - 12' FT Deep	EA EA	\$12,000.00
F-137	12' - 14' FT Deep 14' - 16' FT Deep	EA EA	\$16,000.00
F-138			\$18,000.00
F-139	16' - 20' FT Deep	EA	\$21,000.00
<b>F</b> 4 40	MISCELLANEOUS		<b>\$4 500 00</b>
F-140	Core drill exist manhole (Any size)	EA	\$1,500.00
F-141	SANITARY CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying	HR	\$460.00
	or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		
	WATERMAIN**		
	ices Quoted in the Water Main Section are hangeable with Raw Water Lines as needed		
WATE restrain	RMAIN- includes all fittings, appurtenances, ts and restoration for a complete installation. ncludes testing: density, pressure and bacteriological.		

W-1	Furnish & Install 4-Inch C-900 DR-18 PVC Water Main	LF	\$30.00
W-2	Furnish & Install 4-Inch Class 350 DIP Water Main	LF	\$40.00
W-3	Furnish & Install 6-Inch C-900 DR-18 PVC Water Main	LF	\$32.00
W-4	Furnish & Install 6-Inch Class 350 DIP Water Main	LF	\$42.00
W-5	Furnish & Install 8-Inch C-900 DR-18 PVC Water Main	LF	\$40.00
W-6	Furnish & Install 8-Inch Class 350 DIP Water Main	LF	\$50.00
W-7	Furnish & Install 10-Inch C-900 DR-18 PVC Water Main	LF	\$46.00
W-8	Furnish & Install 10-Inch Class 350 DIP Water Main	LF	\$55.00
W-9	Furnish & Install 12-Inch C-900 DR-18 PVC Water Main	LF	\$50.00
W-10	Furnish & Install 12-Inch Class 350 DIP Water Main	LF	\$65.00
W-11	Furnish & Install 16-Inch C-905 DR-18 PVC Water Main	LF	\$75.00
W-12	Furnish & Install 16-Inch Class 250 DIP Water Main	LF	\$100.00
W-13	Furnish & Install 18-Inch C-905 DR-18 PVC Water Main	LF	\$83.00
W-14	Furnish & Install 18-Inch Class 250 DIP Water Main	LF	\$110.00
W-15	Furnish & Install 20-Inch C-905 DR-18 PVC Water Main	LF	\$110.00
W-16	Furnish & Install 20-Inch Class 250 DIP Water Main	LF	\$140.00
W-17	Furnish & Install 24-Inch C-905 DR-18 PVC Water Main	LF	\$140.00
W-18	Furnish & Install 24-Inch Class 200 DIP Water Main	LF	\$160.00
W-19	Furnish & Install 30-Inch C-905 DR-21 PVC Water Main	LF	\$150.00
W-20	Furnish & Install 30-Inch Class 200 DIP Water Main	LF	\$200.00
W-21	Furnish & Install 36-Inch C-905 DR-21 PVC Water Main	LF	\$220.00
W-22	Furnish & Install 36-Inch Class 200 DIP Water Main	LF	\$300.00
F	urnish & Install Gate Valve & Valve Box		
W-23	4" Gate Valve & Valve Box	EA	\$1,400.00
W-24	6" Gate Valve & Valve Box	EA	\$1,600.00
W-25	8" Gate Valve & Valve Box	EA	\$1,800.00
W-26	10" Gate Valve & Valve Box	EA	\$3,000.00

W-27	12" Gate Valve & Valve Box	EA	\$3,500.00
W-28	16" Gate Valve & Valve Box	EA	\$8,500.00
Fur	nish & Install Butterfly Valve & Valve Box		
W-29	14" Butterfly Valve & Valve Box	EA	\$4,000.00
W-30	16" Butterfly Valve & Valve Box	EA	\$4,500.00
W-31	18" Butterfly Valve & Valve Box	EA	\$5,000.00
W-32	20" Butterfly Valve & Valve Box	EA	\$7,000.00
W-33	24" Butterfly Valve & Valve Box	EA	\$10,000.00
W-34	30" Butterfly Valve & Valve Box	EA	\$15,000.00
W-35	36" Butterfly Valve & Valve Box	EA	\$24,000.00
Furnish	h & Install Tapping Sleeve with Valve & Valve Box		
W-36	4"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,500.00
W-37	6"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$4,000.00
W-38	6"x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$4,500.00
W-39	8"x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$3,600.00
W-40	8"x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$5,000.00
W-41	8"x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$6,000.00
W-42	10" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
W-43	10" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500.00
W-44	10" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$9,500.00
W-45	10" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$10,000.00
W-46	12" x 4" Tapping Sleeve w/Valve & Valve Box	EA	\$4,500.00
W-47	12" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$8,000.00
W-48	12" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$9,000.00
W-49	12" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$7,000.00
W-50	12" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,000.00
W-51	16" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$8,500.00
W-52	16" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$10,000.00
W-53	16" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$11,000.00
W-54	16" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$9,600.00
W-55	16" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$17,500.00
W-56	18" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$6,500.00
W-57	18" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,200.00
W-58	18" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$9,500.00
W-59	18" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$11,000.00
W-60	18" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$12,000.00
W-61	18" x 18" Tapping Sleeve w/Valve & Valve Box	EA	\$29,000.00
W-62	20" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$7,500.00
W-63	20" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,400.00
W-64	20" x 10" Tapping Sleeve w/Valve & Valve Box	EA	\$10,200.00
W-65	20" x 12" Tapping Sleeve w/Valve & Valve Box	EA	\$11,200.00
W-66	20" x 16" Tapping Sleeve w/Valve & Valve Box	EA	\$20,500.00
W-67	20" x 20" Tapping Sleeve w/Valve & Valve Box	EA	\$35,000.00
W-68	24" x 6" Tapping Sleeve w/Valve & Valve Box	EA	\$7,800.00

W-70         24" x 10" Tapping Sleeve w/Valve & Valve Box         EA         \$9,800.00           W-71         24" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$12,000.00           W-72         24" x 10" Tapping Sleeve w/Valve & Valve Box         EA         \$16,800.00           W-73         24" x 20" Tapping Sleeve w/Valve & Valve Box         EA         \$\$2,700.00           W-74         30" x 6" Tapping Sleeve w/Valve & Valve Box         EA         \$\$5,500.00           W-75         30" x 10" Tapping Sleeve w/Valve & Valve Box         EA         \$\$10,600.00           W-76         30" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$\$10,600.00           W-77         30" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$\$10,600.00           W-78         30" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$\$10,600.00           W-81         36" x 6" Tapping Sleeve w/Valve & Valve Box         EA         \$\$11,800.00           W-83         36" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$\$11,500.00           W-84         36" x 12" Tapping Sleeve w/Valve & Valve Box         EA         \$\$11,500.00           W-84         36" x 14" Tapping Sleeve w/Valve & Valve Box         EA         \$\$14,500.00           W-84         36" x 24" Tapping Sleeve w/Valve	W-69	24" x 8" Tapping Sleeve w/Valve & Valve Box	EA	\$8,600.00																																																																																																														
W-72         24" x 16" Tapping Sleeve W/Valve & Valve Box         EA         \$16,800.00           W-73         24" x 20" Tapping Sleeve W/Valve & Valve Box         EA         \$27,000.00           W-74         30" x 6" Tapping Sleeve W/Valve & Valve Box         EA         \$\$5,500.00           W-75         30" x 6" Tapping Sleeve W/Valve & Valve Box         EA         \$\$10,600.00           W-76         30" x 10" Tapping Sleeve W/Valve & Valve Box         EA         \$\$11,800.00           W-77         30" x 12" Tapping Sleeve W/Valve & Valve Box         EA         \$\$16,000.00           W-78         30" x 16" Tapping Sleeve W/Valve & Valve Box         EA         \$\$11,600.00           W-79         30" x 20" Tapping Sleeve W/Valve & Valve Box         EA         \$\$10,000.00           W-80         36" x 6" Tapping Sleeve W/Valve & Valve Box         EA         \$\$11,500.00           W-81         36" x 12" Tapping Sleeve W/Valve & Valve Box         EA         \$\$12,600.00           W-83         36" x 12" Tapping Sleeve W/Valve & Valve Box         EA         \$\$12,600.00           W-84         36" x 21" Tapping Sleeve W/Valve & Valve Box         EA         \$\$14,500.00           W-86         36" x 21" Tapping Sleeve W/Valve & Valve Box         EA         \$\$33,800.00           W-87         36" x 21" Tapping Sleeve W/Valv	W-70		EA	\$9,800.00																																																																																																														
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W-8736" x 30" Tapping Sleeve w/Valve & Valve BoxEA\$62,000.00Furnish & Install Line Stop includes all appurtenances for a complete installationW-884" Insertion Line StopEA\$6,000.00W-896" Insertion Line StopEA\$8,000.00W-908" Insertion Line StopEA\$10,000.00W-9110" Insertion Line StopEA\$12,000.00W-9212" Insertion Line StopEA\$12,000.00W-9212" Insertion Line StopEA\$30,000.00W-9316" Insertion Line StopEA\$33,000.00W-9418" Insertion Line StopEA\$32,000.00W-9520" Insertion Line StopEA\$33,000.00W-9636" Insertion Line StopEA\$37,000.00W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove & Replace Fire Hydrant AssemblyEA\$7,000.00W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points on Fire HydrantsEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$9,000.00																																																																																																																		
Furnish & Install Line Stop includes all appurtenances for a complete installationEAW-884" Insertion Line StopEAW-896" Insertion Line StopEA%800.008" Insertion Line StopEAW-908" Insertion Line StopEA%908" Insertion Line StopEA%9110" Insertion Line StopEA%9212" Insertion Line StopEA%9316" Insertion Line StopEA%9418" Insertion Line StopEA%9316" Insertion Line StopEA%9418" Insertion Line StopEA%9520" Insertion Line StopEA%9436" Insertion Line StopEA%9520" Insertion Line StopEA%9636" Insertion Line StopEA%97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA%97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA%97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA%97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA%99Bollards for Fire HydrantLS%300.00Sample Points on Fire Hydrant AssemblyEA%100Sample Points on Fire HydrantEA%100.00W-101Sample Points on Fire HydrantsEA%100.00W-1022" Blowoff piping with boxEA%100.00Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA <tr <td="">%9,000.00W-104<!--</td--><td>W-87</td><td>36" x 30" Tapping Sleeve w/Valve &amp; Valve Box</td><td>EA</td><td></td></tr> <tr><td>W-884" Insertion Line StopEA<math>\\$6,000.00</math>W-896" Insertion Line StopEA<math>\\$8,000.00</math>W-908" Insertion Line StopEA<math>\\$10,000.00</math>W-9110" Insertion Line StopEA<math>\\$12,000.00</math>W-9212" Insertion Line StopEA<math>\\$12,000.00</math>W-9212" Insertion Line StopEA<math>\\$14,000.00</math>W-9216" Insertion Line StopEA<math>\\$14,000.00</math>W-9316" Insertion Line StopEA<math>\\$33,000.00</math>W-9418" Insertion Line StopEA<math>\\$33,000.00</math>W-9520" Insertion Line StopEA<math>\\$33,000.00</math>W-9636" Insertion Line StopEA<math>\\$33,000.00</math>W-97Fire Hydrants, Sample Points, ARVsEA<math>\\$7,000.00</math>W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA<math>\\$7,000.00</math>W-98Remove &amp; Replace Fire Hydrant AssemblyEA<math>\\$7,000.00</math>W-99Bollards for Fire HydrantLS<math>\\$300.00</math>W-100Sample Points on Fire HydrantsEA<math>\\$1,000.00</math>W-101Sample Points on Fire HydrantsEA<math>\\$1,000.00</math>W-1022" Blowoff piping with boxEA<math>\\$1,000.00</math>W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA<math>\\$6,500.00</math>W-104Water Main 1" Combination Air Release Valve w/Manhole (pipes larger than 16")EA<math>\\$9,000.00</math></td><td>F</td><td></td><td></td><td></td></tr> <tr><td>W-89         6" Insertion Line Stop         EA         \$\$,000.00           W-90         8" Insertion Line Stop         EA         \$10,000.00           W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant S         EA         \$1,000.00           W-100         Sample Points w/double strap saddle &amp; corp stop         EA         \$1,000.00<td>ар</td><td>purtenances for a complete installation</td><td></td><td>_</td></td></tr> <tr><td>W-90         8" Insertion Line Stop         EA         \$10,000.00           W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           W-97         Fire Hydrants, Sample Points, ARVs         EA         \$7,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$1,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points on Fire Hydrants         EA         \$1,000.00           <t< td=""><td>W-88</td><td>4" Insertion Line Stop</td><td>EA</td><td>\$6,000.00</td></t<></td></tr> <tr><td>W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-94         18" Insertion Line Stop         EA         \$33,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           #           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$7,800.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle &amp; corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           <t< td=""><td>W-89</td><td>6" Insertion Line Stop</td><td>EA</td><td>\$8,000.00</td></t<></td></tr> <tr><td>W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$32,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$7,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle &amp; corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.00           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA</td><td>W-90</td><td>8" Insertion Line Stop</td><td>EA</td><td>\$10,000.00</td></tr> <tr><td>W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$75,000.00           Fire Hydrants, Sample Points, ARVs           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove &amp; Replace Fire Hydrant Assembly         EA         \$7,800.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle &amp; corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.00           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000.00</td><td>W-91</td><td>10" Insertion Line Stop</td><td>EA</td><td>\$12,000.00</td></tr> <tr><td>W-9418" Insertion Line StopEA\$32,000.00W-9520" Insertion Line StopEA\$33,000.00W-9636" Insertion Line StopEA\$75,000.00Fire Hydrants, Sample Points, ARVsW-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove &amp; Replace Fire Hydrant AssemblyEA\$7,000.00W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-92</td><td>12" Insertion Line Stop</td><td>EA</td><td>\$14,000.00</td></tr> <tr><td>W-9520" Insertion Line StopEA\$33,000.00W-9636" Insertion Line StopEA\$75,000.00Fire Hydrants, Sample Points, ARVsW-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove &amp; Replace Fire Hydrant AssemblyEA\$7,000.00W-99Bollards for Fire HydrantLS\$300.00W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-93</td><td>16" Insertion Line Stop</td><td>EA</td><td>\$30,000.00</td></tr> <tr><td>W-9636" Insertion Line StopEA\$75,000.00Fire Hydrants, Sample Points, ARVsEA\$75,000.00W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove &amp; Replace Fire Hydrant AssemblyEA\$7,800.00W-99Bollards for Fire HydrantLS\$300.00W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-94</td><td>18" Insertion Line Stop</td><td>EA</td><td>\$32,000.00</td></tr> <tr><td>Fire Hydrants, Sample Points, ARVsEAW-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove &amp; Replace Fire Hydrant AssemblyEA\$7,800.00W-99Bollards for Fire HydrantLS\$300.00W-90Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-100Sample Points on Fire HydrantsEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve 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HydrantLS\$300.00W-99Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-100Sample Points on Fire HydrantsEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td></td><td>Fire Hydrants, Sample Points, ARVs</td><td></td><td></td></tr> <tr><td>W-98Remove &amp; Replace Fire Hydrant AssemblyEA\$7,800.00W-99Bollards for Fire HydrantLS\$300.00W-90Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-100Sample Points on Fire HydrantsEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-97</td><td></td><td>EA</td><td>\$7,000.00</td></tr> <tr><td>W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>\<u>\</u>/ 00</td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td></tr> <tr><td>W-100Sample Points w/double strap saddle &amp; corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td></td><td>· · · · · ·</td><td></td><td></td></tr> <tr><td>W-100stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>vv-99</td><td>,</td><td>LS</td><td>\$300.00</td></tr> <tr><td>W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-100</td><td></td><td>EA</td><td>\$1,000.00</td></tr> <tr><td>W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-101</td><td></td><td>EA</td><td>\$1,000.00</td></tr> <tr><td>W-103w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-102</td><td>2" Blowoff piping with box</td><td>EA</td><td>\$1,000.00</td></tr> <tr><td>W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")EA\$9,000.00</td><td>W-103</td><td></td><td>EA</td><td>\$6,500.00</td></tr> <tr><td></td><td>W-104</td><td>Water Main 2" Combination Air Release Valve</td><td>EA</td><td>\$9,000.00</td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr>	W-87	36" x 30" Tapping Sleeve w/Valve & Valve Box	EA		W-884" Insertion Line StopEA $\$6,000.00$ W-896" Insertion Line StopEA $\$8,000.00$ W-908" Insertion Line StopEA $\$10,000.00$ W-9110" Insertion Line StopEA $\$12,000.00$ W-9212" Insertion Line StopEA $\$12,000.00$ W-9212" Insertion Line StopEA $\$14,000.00$ W-9216" Insertion Line StopEA $\$14,000.00$ W-9316" Insertion Line StopEA $\$33,000.00$ W-9418" Insertion Line StopEA $\$33,000.00$ W-9520" Insertion Line StopEA $\$33,000.00$ W-9636" Insertion Line StopEA $\$33,000.00$ W-97Fire Hydrants, Sample Points, ARVsEA $\$7,000.00$ W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA $\$7,000.00$ W-98Remove & Replace Fire Hydrant AssemblyEA $\$7,000.00$ W-99Bollards for Fire HydrantLS $\$300.00$ W-100Sample Points on Fire HydrantsEA $\$1,000.00$ W-101Sample Points on Fire HydrantsEA $\$1,000.00$ W-1022" Blowoff piping with boxEA $\$1,000.00$ W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA $\$6,500.00$ W-104Water Main 1" Combination Air Release Valve w/Manhole (pipes larger than 16")EA $\$9,000.00$	F				W-89         6" Insertion Line Stop         EA         \$\$,000.00           W-90         8" Insertion Line Stop         EA         \$10,000.00           W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant S         EA         \$1,000.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00 <td>ар</td> <td>purtenances for a complete installation</td> <td></td> <td>_</td>	ар	purtenances for a complete installation		_	W-90         8" Insertion Line Stop         EA         \$10,000.00           W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           W-97         Fire Hydrants, Sample Points, ARVs         EA         \$7,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$1,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points on Fire Hydrants         EA         \$1,000.00 <t< td=""><td>W-88</td><td>4" Insertion Line Stop</td><td>EA</td><td>\$6,000.00</td></t<>	W-88	4" Insertion Line Stop	EA	\$6,000.00	W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-94         18" Insertion Line Stop         EA         \$33,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           #           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,800.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00 <t< td=""><td>W-89</td><td>6" Insertion Line Stop</td><td>EA</td><td>\$8,000.00</td></t<>	W-89	6" Insertion Line Stop	EA	\$8,000.00	W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$32,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.00           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA	W-90	8" Insertion Line Stop	EA	\$10,000.00	W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$75,000.00           Fire Hydrants, Sample Points, ARVs           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,800.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.00           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA         \$9,000.00	W-91	10" Insertion Line Stop	EA	\$12,000.00	W-9418" Insertion Line StopEA\$32,000.00W-9520" Insertion Line StopEA\$33,000.00W-9636" Insertion Line StopEA\$75,000.00Fire Hydrants, Sample Points, ARVsW-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA\$7,000.00W-98Remove & Replace Fire Hydrant AssemblyEA\$7,000.00W-99Bollards for Fire HydrantLS\$300.00W-100Sample Points w/double strap saddle & corp stopEA\$1,000.00W-101Sample Points on Fire HydrantsEA\$1,000.00W-1022" Blowoff piping with boxEA\$1,000.00W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA\$6,500.00W-104Water Main 2" Combination Air Release Valve w/Manhole (pipes 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W-87	36" x 30" Tapping Sleeve w/Valve & Valve Box	EA																																																																																																																
W-884" Insertion Line StopEA $\$6,000.00$ W-896" Insertion Line StopEA $\$8,000.00$ W-908" Insertion Line StopEA $\$10,000.00$ W-9110" Insertion Line StopEA $\$12,000.00$ W-9212" Insertion Line StopEA $\$12,000.00$ W-9212" Insertion Line StopEA $\$14,000.00$ W-9216" Insertion Line StopEA $\$14,000.00$ W-9316" Insertion Line StopEA $\$33,000.00$ W-9418" Insertion Line StopEA $\$33,000.00$ W-9520" Insertion Line StopEA $\$33,000.00$ W-9636" Insertion Line StopEA $\$33,000.00$ W-97Fire Hydrants, Sample Points, ARVsEA $\$7,000.00$ W-97Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.EA $\$7,000.00$ W-98Remove & Replace Fire Hydrant AssemblyEA $\$7,000.00$ W-99Bollards for Fire HydrantLS $\$300.00$ W-100Sample Points on Fire HydrantsEA $\$1,000.00$ W-101Sample Points on Fire HydrantsEA $\$1,000.00$ W-1022" Blowoff piping with boxEA $\$1,000.00$ W-103Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")EA $\$6,500.00$ W-104Water Main 1" Combination Air Release Valve w/Manhole (pipes larger than 16")EA $\$9,000.00$	F																																																																																																																	
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W-90         8" Insertion Line Stop         EA         \$10,000.00           W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           W-97         Fire Hydrants, Sample Points, ARVs         EA         \$7,000.00           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$1,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points on Fire Hydrants         EA         \$1,000.00 <t< td=""><td>W-88</td><td>4" Insertion Line Stop</td><td>EA</td><td>\$6,000.00</td></t<>	W-88	4" Insertion Line Stop	EA	\$6,000.00																																																																																																														
W-91         10" Insertion Line Stop         EA         \$12,000.00           W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-94         18" Insertion Line Stop         EA         \$33,000.00           W-95         20" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           #           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,800.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00 <t< td=""><td>W-89</td><td>6" Insertion Line Stop</td><td>EA</td><td>\$8,000.00</td></t<>	W-89	6" Insertion Line Stop	EA	\$8,000.00																																																																																																														
W-92         12" Insertion Line Stop         EA         \$14,000.00           W-93         16" Insertion Line Stop         EA         \$30,000.00           W-94         18" Insertion Line Stop         EA         \$32,000.00           W-95         20" Insertion Line Stop         EA         \$32,000.00           W-96         36" Insertion Line Stop         EA         \$33,000.00           W-96         36" Insertion Line Stop         EA         \$37,000.00           Fire Hydrants, Sample Points, ARVs           W-97         Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.         EA         \$7,000.00           W-98         Remove & Replace Fire Hydrant Assembly         EA         \$7,000.00           W-99         Bollards for Fire Hydrant         LS         \$300.00           W-100         Sample Points w/double strap saddle & corp stop         EA         \$1,000.00           W-101         Sample Points on Fire Hydrants         EA         \$1,000.00           W-102         2" Blowoff piping with box         EA         \$1,000.00           W-103         Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")         EA         \$6,500.00           W-104         Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")         EA	W-90	8" Insertion Line Stop	EA	\$10,000.00																																																																																																														
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W-105	Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter		EA	\$1,200.00
W-106	Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter		EA	\$1,400.00
W-107	Short Service for Meter Bank (2" Poly) (up to 10' long) (includes up to 3 services)		EA	\$2,000.00
W-108	Additional services on short service meter bank		EA	\$1,000.00
W-109	Long Single Service (1-2" poly w/3" casings) (up to 50' Long)		EA	\$1,800.00
W-110	Long Double Service (1-2" poly w/3" casings) (up to 50' Long)		EA	\$2,000.00
W-111	Long Service for Meter Bank (2" Poly) (up to 50' long) (includes up to 3 services)		EA	\$2,200.00
W-112	Additional services on long service meter bank		EA	\$1,000.00
	Abandonment			
W-113	Cut existing watermain and connect proposed watermain		EA	\$4,000.00
W-114	Cut and plug existing watermain to be abandoned		EA	\$1,000.00
W-115	Abandon & grout fill existing 4-6" watermain		LF	\$15.00
W-116	Remove & dispose existing watermain		LF	\$20.00
W-117	Remove & Dispose AC Water Main (actual cost reimbursement by City)			N/A
	Miscellaneous			
W-118	WATER CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	\$420.00
	STORM WATER		-	
GRA	VITY STORM SEWER - includes all fittings,			
appu	tenances, dewatering and restoration for a complete installation			
S-1	Furnish & Install 12-Inch PVC Sewer Main	0' - 6' Deep	LF	\$80.00
S-2	Furnish & Install 12-Inch PVC Sewer Main	6' - 8' Deep	LF	\$100.00
S-3	Furnish & Install 12-Inch RCP Sewer Main	0' - 6' Deep	LF	\$80.00
S-4	Furnish & Install 12-Inch RCP Sewer Main	6' - 8' Deep	LF	\$100.00
S-5	Furnish & Install 12-Inch HDPE Sewer Main	0' - 6' Deep	LF	\$80.00
S-6	Furnish & Install 12-Inch HDPE Sewer Main	6' - 8' Deep	LF	\$100.00
S-7	Furnish & Install 15-Inch RCP Sewer Main	0' - 6' Deep	LF	\$100.00
S-8	Furnish & Install 15-Inch RCP Sewer Main	6' - 8' Deep	LF	\$120.00
S-9	Furnish & Install 18-Inch PVC Sewer Main	0' - 6' Deep	LF	\$110.00
S-10	Furnish & Install 18-Inch PVC Sewer Main	6' - 8' Deep	LF	\$120.00

S-11	Furnish & Install 18-Inch RCP Sewer Main	0' - 6' Deep	LF	\$110.00
S-12	Furnish & Install 18-Inch RCP Sewer Main	6' - 8' Deep	LF	\$120.00
S-13	Furnish & Install 18-Inch HDPE Sewer Main	0' - 6' Deep	LF	\$110.00
S-14	Furnish & Install 18-Inch HDPE Sewer Main	6' - 8' Deep	LF	\$120.00
S-15	Furnish & Install 24-Inch PVC Sewer Main	0' - 6' Deep	LF	\$120.00
S-16	Furnish & Install 24-Inch PVC Sewer Main	6' - 8' Deep	LF	\$140.00
S-17	Furnish & Install 24-Inch RCP Sewer Main	0' - 6' Deep	LF	\$120.00
S-18	Furnish & Install 24-Inch RCP Sewer Main	6' - 8' Deep	LF	\$140.00
S-19	Furnish & Install 24-Inch HDPE Sewer Main	0' - 6' Deep	LF	\$120.00
S-20	Furnish & Install 24-Inch HDPE Sewer Main	6' - 8' Deep	LF	\$140.00
S-21	Furnish & Install 30-Inch PVC Sewer Main	0' - 6' Deep	LF	\$140.00
S-22	Furnish & Install 30-Inch PVC Sewer Main	6' - 8' Deep	LF	\$160.00
S-23	Furnish & Install 30-Inch RCP Sewer Main	0' - 6' Deep	LF	\$140.00
S-24	Furnish & Install 30-Inch RCP Sewer Main	6' - 8' Deep	LF	\$160.00
S-25	Furnish & Install 30-Inch RCP Sewer Main	8' - 10'	LF	\$180.00
		Deep		
S-26	Furnish & Install 36-Inch PVC Sewer Main	0' - 6' Deep	LF	\$160.00
S-27	Furnish & Install 36-Inch PVC Sewer Main	6' - 8' Deep	LF	\$180.00
S-28	Furnish & Install 36-Inch RCP Sewer Main	0' - 6' Deep	LF	\$160.00
S-29	Furnish & Install 36-Inch RCP Sewer Main	6' - 8' Deep	LF	\$180.00
S-30	Furnish & Install 36-Inch RCP Sewer Main	8' - 10' Deep	LF	\$200.00
S-31	Furnish & Install 42-Inch PVC Sewer Main	0' - 6' Deep	LF	\$200.00
S-32	Furnish & Install 42-Inch PVC Sewer Main	6' - 8' Deep	LF	\$220.00
S-33	Furnish & Install 42-Inch RCP Sewer Main	0' - 6' Deep	LF	\$180.00
S-34	Furnish & Install 42-Inch RCP Sewer Main	6' - 8' Deep	LF	\$200.00
S-35	Furnish & Install 42-Inch RCP Sewer Main	8' - 10' Deep	LF	\$220.00
S-36	Furnish & Install 48-Inch RCP Sewer Main	0' - 6' Deep	LF	\$240.00
S-37	Furnish & Install 48-Inch RCP Sewer Main	6' - 8' Deep	LF	\$280.00
S-38	Furnish & Install 48-Inch RCP Sewer Main	8' - 10'	LF	\$550.00
3-30		Deep	LF	φ000.00
S-39	Furnish & Install 48-Inch RCP Sewer Main	10' - 12' Deep	LF	\$600.00
S-40	Furnish & Install 54-Inch RCP Sewer Main	0' - 6' Deep	LF	\$320.00
S-41	Furnish & Install 54-Inch RCP Sewer Main	6' - 8' Deep	LF	\$340.00
S-42	Furnish & Install 54-Inch RCP Sewer Main	8' - 10' Deep	LF	\$500.00
S-43	Furnish & Install 54-Inch RCP Sewer Main	10' - 15' Deep	LF	\$760.00
S-44	Furnish & Install 60-Inch RCP Sewer Main	0' - 6' Deep	LF	\$300.00
S-45	Furnish & Install 60-Inch RCP Sewer Main	6' - 8' Deep	LF	\$400.00
S-46	Furnish & Install 60-Inch RCP Sewer Main	8' - 10' Deep	LF	\$600.00
S-47	Furnish & Install 60-Inch RCP Sewer Main	10' - 15' Deep	LF	\$880.00
S-48	Furnish & Install 66-Inch RCP Sewer Main	0' - 6' Deep	LF	\$340.00

S-49	Furnish & Install 66-Inch RCP Sewer Main	6' - 8' Deep	LF	\$440.00
S-50	Furnish & Install 66-Inch RCP Sewer Main	8' - 10' Deep	LF	\$640.00
S-51	Furnish & Install 66-Inch RCP Sewer Main	10' - 15' Deep	LF	\$920.00
S-52	Furnish & Install 72-Inch RCP Sewer Main	0' - 6' Deep	LF	\$400.00
S-53	Furnish & Install 72-Inch RCP Sewer Main	6' - 8' Deep	LF	\$500.00
S-54	Furnish & Install 72-Inch RCP Sewer Main	8' - 10' Deep	LF	\$800.00
S-55	Furnish & Install 72-Inch RCP Sewer Main	10' - 15' Deep	LF	\$1,000.00
diame	& Install new Standard Precast Concrete 48" ter Manhole Structure to include Bench and and Cover including City approved coatings (inside and out) at a depth of:			
S-56	0' - 4' FT Deep		EA	\$5,000.00
S-57	4' - 6' FT Deep		EA	\$7,000.00
S-58	6' - 8' FT Deep		EA	\$8,000.00
S-59	8' - 10' FT Deep		EA	\$10,000.00
S-60	10' - 12' FT Deep		EA	\$12,000.00
S-61	12' - 14' FT Deep		EA	\$14,000.00
S-62	14' - 16' FT Deep		EA	\$16,000.00
S-63	16' - 20' FT Deep		EA	\$20,000.00
Outfal	Check Valves - includes pipe cleaning and			
	installation for complete system			
S-64	15" WAPRO Check Valve		EA	\$8,500.00
S-65	18" WAPRO Check Valve		EA	\$9,500.00
S-66	24" WAPRO Check Valve		EA	\$16,000.00
S-67	36" WAPRO Check Valve		EA	\$24,000.00
S-68	42" WAPRO Check Valve		EA	\$35,000.00
S-69	48" WAPRO Check Valve		EA	\$45,000.00
S-70	54" WAPRO Check Valve		EA	\$55,000.00
S-71	60" WAPRO Check Valve		EA	\$65,000.00
S-72	66" WAPRO Check Valve		EA	\$75,000.00
S-73	72" WAPRO Check Valve		EA	\$85,000.00
	MISCELLANEOUS			
S-74	STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	\$460.00
S-75	STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying		HR	\$600.00

	or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum		
	15% markup.		
	RESTORATION	· · · · · · · · · · · · · · · · · · ·	
R-1	Removal and disposal of 6" thick concrete	SF	\$10.00
R-2	Furnish & Install 4" Concrete without wire	SF	\$18.00
R-3	Furnish & Install 6" Concrete without wire	SF	\$24.00
R-4	Furnish & Install ADA compliant detectable surface	EA	\$500.00
R-5	Furnish & Install FDOT Type "D" Curb - by hand	LF	\$100.00
R-6	Furnish & Install FDOT Type "D" Curb - by machine	LF	\$80.00
R-7	Furnish & Install FDOT Type "F" Curb - by hand	LF	\$100.00
R-8	Furnish & Install FDOT Type "F" Curb - by machine	LF	\$80.00
R-9	Furnish & Install FDOT Valley Gutter - by hand	LF	\$100.00
R-10	Furnish & Install FDOT Valley Gutter - by machine	LF	\$80.00
R-11	Furnish & Install Bahia Sod - up to 1000 SF	SF	\$2.00
R-12	Furnish & Install Bahia Sod - over 1000 SF	SF	\$1.00
R-13	Furnish & Install Floratam Sod - up to 1000 SF	SF	\$4.00
R-14	Furnish & Install Floratam Sod - over 1000 SF	SF	\$2.00
R-15	Furnish & Install FDOT seed & mulch mix	SY	\$10.00
R-16	Furnish Operator, Water Truck and Irrigate Sod or Seed Mix	HR	\$100.00
R-17	Removal and Disposal of Existing Asphalt Pavement	SY	\$10.00
R-18	Mill Existing Pavement (3/4" - 1" avg)	SY	\$60.00
R-19	Furnish and Install Asphalt Overlay, Type S-III (3/4" - 1" avg)	SY	\$90.00
R-20	Furnish and Install 1-1/2" Type S-I Asphalt First Course	SY	\$78.00
R-21	Furnish and Install 1" Type S-III Surface Course	SY	\$60.00
R-22	Furnish and Install 1-1/2" SP-12.5 Asphalt First Course in FDOT/PBC Right of Way	SY	\$80.00
R-23	Furnish and Install 1" Type FC-9.5 Asphalt Surface Course in FDOT/PBC Right of Way	SY	\$100.00
R-24	FDOT Flowable Fill (Excavatable)	CY	\$400.00
R-25	Leak Repairs (structures) - Grouting	GAL	\$200.00
R-26	Ground Stabilization Grouting	CY	\$600.00
R-27	6" Limerock/ Crushed Concrete Base, primed	SY	\$46.00
R-28	8" Limerock/ Crushed Concrete Base, primed	SY	\$50.00

R-29	12" Compacted Subgrade, 98% T-180		SY	\$24.00
R-30	Adjust manhole ring and cover to grade		EA	\$750.00
R-31	Adjust valve box to grade		EA	\$500.00
R-32	Brick paver remove/replace (1 1/2" sand, 6"		SF	¢40.00
R-32	limerock base, 12" compacted subgrade)		35	\$40.00
	CURED-IN-PLACE PIPE LINING*			
	I-in-place lining prices shall be inclusive of pre-			
	, cleaning, post-video and anything else for a			
comple	te installation in gravity sanitary or storm sewer			
L-1	Furnish and install 6"-12" diameter CIPP		EA	\$6,000.00
	sectional liner, up to 6-ft in length Furnish and install 6"-12" diameter CIPP			. ,
L-2	sectional liner, beyond 6-ft in length, all depths		LF	\$100.00
	Furnish and install 15"-18" diameter CIPP			
L-3	sectional liner, up to 6-ft in length		EA	\$8,000.00
	Furnish and install 15"-18" diameter CIPP		. –	<b>.</b>
L-4	sectional liner, beyond 6-ft in length, all depths		LF	\$120.00
L-5	Furnish and install 21" diameter CIPP		EA	¢12,000,00
L-D	sectional liner, up to 6-ft in length		EA	\$12,000.00
L-6	Furnish and install 21" diameter CIPP		LF	\$150.00
-	sectional liner, beyond 6-ft in length, all depths			
L-7	Furnish and install 8" diameter CIPP liner	0-8' depth	LF	\$75.00
L-8	Furnish and install 8" diameter CIPP liner	8-12' depth	LF	\$80.00
L-9	Furnish and install 8" diameter CIPP liner	12'+ depth	LF	\$85.00
L-10	Furnish and install 10" diameter CIPP liner	0-8' depth	LF	\$80.00
L-11	Furnish and install 10" diameter CIPP liner	8-12' depth	LF	\$85.00
L-12	Furnish and install 10" diameter CIPP liner	12'+ depth	LF	\$90.00
L-13	Furnish and install 12" diameter CIPP liner	0-8' depth	LF	\$85.00
L-14	Furnish and install 12" diameter CIPP liner	8-12' depth	LF	\$90.00
L-15	Furnish and install 12" diameter CIPP liner	12'+ depth	LF	\$95.00
L-16	Furnish and install 15" diameter CIPP liner	0-8' depth	LF	\$90.00
L-17	Furnish and install 15" diameter CIPP liner	8-12' depth	LF	\$95.00
L-18	Furnish and install 15" diameter CIPP liner	12'+ depth	LF	\$100.00
L-19	Furnish and install 18" diameter CIPP liner	0-8' depth	LF	\$95.00
L-20	Furnish and install 18" diameter CIPP liner	8-12' depth	LF	\$100.00
L-21	Furnish and install 18" diameter CIPP liner	12'+ depth	LF	\$105.00
L-22	Furnish and install 20-21" diameter CIPP liner	0-8' depth	LF	\$100.00
L-23	Furnish and install 20-21" diameter CIPP liner	8-12' depth	LF	\$105.00
L-24	Furnish and install 20-21" diameter CIPP liner	12'+ depth	LF	\$110.00
L-25	Furnish and install 24" diameter CIPP liner	0-8' depth	LF	\$105.00
L-26	Furnish and install 24" diameter CIPP liner	8-12' depth	LF	\$110.00
L-27	Furnish and install 24" diameter CIPP liner	12'+ depth	LF	\$115.00
L-28	Furnish and install 30" diameter CIPP liner	0-8' depth	LF	\$130.00
L-29	Furnish and install 30" diameter CIPP liner	8-12' depth	LF	\$135.00
L-30	Furnish and install 30" diameter CIPP liner	12'+ depth	LF	\$145.00
L-31	Furnish and install 36" diameter CIPP liner	0-8' depth	LF	\$170.00

L-32	Furnish and install 36" diameter CIPP liner	8-12' depth	LF	\$175.00	
L-33	Furnish and install 36" diameter CIPP liner	12'+ depth	LF	\$180.00	
BY-PA	SS PUMP SET UP WITH BY-PASS PUMPING				
BP-1	Bypass 4" Pump Including setup and monitoring		DAY	\$1,200.00	
BP-2	Bypass 6" Pump Including setup and monitoring		DAY	\$1,400.00	
BP-3	Bypass 8" Pump Including setup and monitoring		DAY	\$1,800.00	
BP-4	Bypass 10" Pump Including setup and monitoring		DAY	\$2,000.00	
WE	ELL POINT SYSTEM AND DE-WATERING				
WP-1	Well Point system up to 50 points complete with pump and jetting equipment, and Monitoring		DAY	\$2,800.00	
WP-2	Well Point system with more than 50 points complete with pump and jetting equipment, and Monitoring		DAY	\$3,000.00	
IMPC	RTED BACKFILL & REMOVAL OF IN-SITU				
	MATERIAL				
BF-1	Removal & Disposal of unsuitable in-situ material/soil		CY	\$60.00	
BF-2	Imported Backfill & Compaction		CY	\$50.00	

# EXHIBIT D SAMPLE WORK ORDER

### CONTRACTOR AGREEMENT (EMERGENCY UTILITY REPAIRS FOR WATER, WASTEWATER AND STORMWATER) WORK ORDER NO.

THIS WORK ORDER for Emergency Utility Repairs for Water, Wastewater and Stormwater ("Work Order" hereafter) is made on the \_\_\_\_\_, between the City of Lake Worth Beach, a Florida municipal corporation located at 7 North Dixie Highway, Lake Worth, Florida 33460 ("City" hereafter) and Johnson-Davis Incorporated, a Florida corporation ("Contractor" hereafter).

#### 1.0 **Project Description:**

The City desires the Contractor to provide all goods, services, materials and equipment as identified herein related to the Emergency Utility Repairs for Water, Wastewater and Stormwater project generally described as:

Project is more specifically described in the plans prepared by \_\_\_\_\_, dated \_\_\_\_\_, and which are incorporated herein by reference.

#### 2.0 Scope

Under this Work Order, the Contractor will provide the City of Lake Worth with construction services for the Project as specified in the Contractor's proposal attached hereto and incorporated herein as Exhibit "1".

#### 3.0 **Schedule and Liquidated Damages**

Substantial completion of all services and work under this Work Order shall be within calendar days from the Effective Date of this Work Order. Final completion of all services and work (and all punch-list items (if any)) under this Work Order shall be within calendar days from the Effective Date of this Work Order. The Effective Date of this Work Order is the date following the parties' execution of this Work Order and the City's delivery of a Notice to Proceed to the Contractor via e-mail, facsimile or other form of delivery as documented by the City. Substantial completion occurs when the services and work has progressed to the point where, in the opinion of the City, the work is sufficiently complete in accordance with the Contract Documents and this Work Order, so that the Project can be utilized for the purposes for which it is intended. Final completion occurs when all services and work (including punch-list items) has been completed and the project becomes fully operational and accepted by the City.

Liquidated Damages. The City and Contractor recognize that time is of the essence under this Work Order and the Contract Documents, and that the City will suffer financial loss if the services and work described in this Work Order and the Contract Documents are not completed within the times specified in this Work Order. The City and Contractor recognize, agree and acknowledge that it would be impractical and extremely difficult to ascertain and fix the actual damages that the City would suffer in the event Contractor neglects, refuses, or otherwise fails to complete the services and work within the time specified. Accordingly, instead of requiring any such proof, the City and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay the City \_\_\_\_\_ hundred dollars (\$\_\_\_\_\_\_.00) for each day that expires after the time specified in this Work Order.

# 4.0 <u>Compensation and Direct Purchases</u>

\_\_\_\_\_.

This Work Order is issued for a lump sum, not to exceed amount of \$\_\_\_\_\_\_). The attached proposal identifies all costs and expenses included in the lump sum, not to exceed amount.

The following Direct Purchases are to be made under this Work Order by the City:

# 5.0 <u>Project Manager</u>

The	Project	Manag	er for	the	Cor	ntracto	r is					,
phone	e:	_		<u>;</u> em	ail:				;	and,	the	Project
Mana	ger	for	the	City		is						,
phone	e:			-			; email:	•				•

# 6.0 <u>Progress Meetings</u>

The Contractor shall schedule periodic progress review meetings with the City Project Manager as necessary but every 30 days as a minimum.

# 7.0 <u>Contractor's Representations</u>

In order to induce the City to enter into this Work Order, the Contractor makes the following representations:

7.1 Contractor has familiarized itself with the nature and extent of the Contract Documents including this Work Order, work, site, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the work.

7.2 Contractor has obtained at his/her own expense and carefully studied, or assumes responsibility for obtaining and carefully studying, soil investigations, explorations, and test reports which pertain to the subsurface conditions at or contiguous to the site or otherwise may affect the cost, progress, performance or furnishing of the work as Contractor considers necessary for the performance or furnishing of the work at the stated work order price within the Work Order stated time and in accordance with the other terms and conditions of the Contract Documents, including specifically the provisions of the IFB; and no additional examinations, investigations, explorations, tests, reports, studies or similar information or data are or is deemed necessary by Contractor for such purposes.

7.3 Contractor has reviewed and checked all information and data shown or indicated

on the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. No additional examinations, investigations, explorations, tests, reports, studies or similar information or data in respect of said Underground Facilities are or is deemed necessary by the Contractor in order to perform and furnish the work under this Work Order price, within the Work Order time and in accordance with the other terms and conditions of the Contract Documents.

7.4 Contractor has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.

7.5 Contractor has given the City's Contract Administrator written notice of all conflicts, errors or discrepancies that he or she has discovered in the Contract Documents and the written resolution thereof by City or its designee is acceptable to the Contractor.

8.0 Warranty. The Contractor warrants and guarantees to the City that all services and work provided under this Work Order will be in accordance with this Work Order and the other Contract Documents. The Contractor warrants that (a) all materials and parts supplied under this Work Order shall be free from defects for one (1) year from the final completion of all work (unless a longer manufacturer warranty applies); (b) all services and work performed under this Work Order will be free from defects for one (1) year from the final completion of all work and the project shall be fully operational without unreasonable downtime or failures; and (c) that the services and work will conform to the requirements of the Contract Documents. If, at any time prior to the expiration of the one (1) year warranty period, the City discovers any failure or breach of the Contractor's warranties or the Contractor discovers any failure or breach of the Contractor's warranties, the Contractor will, upon written notice from City or of its own accord, at the Contractor's sole cost and expense, promptly correct such failure or breach (which corrective action must include, without limitation, any necessary removal, disassembly, reinstallation, repair, replacement, reassembly, retesting, and/or re-inspection of any part or portion of the work and any other property damaged or affected by such failure, breach, or corrective action). The Contractor will remedy any such failure or breach so, to the extent possible, to avoid unnecessary disruptions to the operations of City or its systems. In the event the Contractor fails to initiate and diligently pursue corrective action within five (5) days of the Contractor's receipt of the City's notice or the Contractor's discovery of the same, the City may undertake such corrective action at the Contractor's expense.

# 9.0 Authorization

This Work Order is issued pursuant to the System Hardening and Reliability Improvements Contract for between the City of Lake Worth and the Contractor, dated \_\_\_\_\_\_, 2020 ("Contract" hereafter). If there are any conflicts between the terms and conditions of this Work Order and the Contract, the terms and conditions of the Contract shall prevail.

# REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK

# SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the parties hereto have made and executed this <u>Work Order</u> as of the day and year set forth above.

# CITY OF LAKE WORTH BEACH, FLORIDA

	By: Pam Triolo, Mayor
	Pam Triolo, Mayor
ATTEST:	
By: Deborah M. Andrea, City Clerk	
APPROVED AS TO FORM AND LEGAL SUFFICIENCY:	APPROVED FOR FINANCIAL SUFFICIENCY
By: Glen J. Torcivia, City Attorney	By: Bruce T. Miller, Financial Services Director
CONTRACTOR:	Johnson-Davis Incorporated
	By:(DO NOT SIGN – SAMPLE)
[Corporate Seal]	Print Name:
	Title:
STATE OF COUNTY OF	) )
2020, by, who (title), of Johnson-Davis Incorporate	ledged before me this day of, was physically present, as ed, a Company which is authorized to do business ersonally known to me or who has produced the as identification.
Notary Public	
	Print Name: My commission expires:
	wy commission expires:

### EXHIBIT E

# CITY OF LAKE WORTH BEACH

PAYMENT AND PERFORMANCE BOND (Pursuant to secs. 255.05 and 337.18, Fla. Stat.)

Surety Bond No. 016227969

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

### CONTRACTOR:

ş.

Name: Johnson-Davis Incorporated

Principal Business Address: 604 Hillbrath Drive Lantana, FL 33462

Telephone Number: (561) 588-1170

### **OWNER:**

City of Lake Worth Beach

7 North Dixie Highway

Lake Worth Beach, FL 33460

(561) 586-1600

### CONTRACT:

Date:

Amount: \$200,000.00

Description (Name and Location): Emergency Utility Repairs for Water, Wastewater and Stormwater City of Lake Worth Beach, FL

### SURETY:

Name: Liberty Mutual Insurance Company

Principal Business Address 175 Berkeley Street Boston, MA 02116

Telephone Number: (610) 832-8240

### BOND

Date (Not earlier than Contract Date): Amount: \$200,000.00 Modifications to this Bond Form: None

This Bond is issued in favor of the City of Lake Worth Beach/Owner conditioned on the full and faithful performance of the Contract.

1. Contractor has entered into Project No. <u>IFB 20-106</u> with the City for the project titled <u>"Emergency Utility Repairs for Water, Wastewater and Stormwater</u>" (the "Contract"), with conditions and provisions as are further described in the aforementioned Contract, which Contract, including all of its attachments, exhibits and incorporated documents (hereinafter, collectively, the "Contract Documents") is by reference made a part hereof for the purposes of explaining this bond.

2. Principal and Surety are bound to the Owner in the sum of the Contract Amount set forth above for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

### 3. THE CONDITION OF THIS BOND is that if Principal:

a. Performs the Work required of and in accordance with the Contract Documents at the times and in the manner prescribed in the Contract Documents, which are made a part of this bond by reference; and

b. In accordance with sec. 255.05 and sec. 337.18, Florida Statutes, promptly makes payments to all persons, defined in sec. 713.01, Florida Statutes, who furnish labor, services or materials for prosecution of the work set forth in the Contract Documents described above; and

c. Pays Owner all losses, damages (including liquidated damages), expenses, costs, and professional fees, including but not limited to attorneys' fees, including appellate proceedings, that Owner sustains because of a default by Principal under the Contract Documents; and

d. Performs the warranty and guarantee of all work and materials furnished under the Contract Documents for the time specified in the Contract Documents, then this bond is void; otherwise it remains in full force.

4. Section 255.05, Fla. Stat., as amended, together with all notice and time provisions contained therein, is incorporated herein by reference.

5. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in secs. 255.05(2) and (10), Fla. Stat., and those of sec. 337.18, Fla. Stat.

6. Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract Documents or the changes does not affect Surety's obligation under this bond, and Surety waives notice of such changes.

7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverages and limitations of this instrument.

8. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida, and not elsewhere.

Surety and Contractor, intending to be legally bound hereby, subject to the terms included herein and as required under Florida Statutes, do each cause this Performance and Payment Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Larisa Dite Polley Witness

Johnson-Davis Incorporated Principal Title SECRETAR REASURER

(Corporate Seal)

Witness

Megan Douaire

Liberty Mutual Insurance Company

Surety

Attorney-in-Fact

(Attach Power of Attorney)

Elizabeth K. Sterling

Print Name

(Corporate Seal)



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

> Liberty Mutual Insurance Company The Ohio Casualty Insurance Company West American Insurance Company

Certificate No: 8195687-016072

call EST on any <u>business day</u>

# POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint. Maria Signorile; Benjamin A. Stahl; Elizabeth K. Sterling; Wesley P. Williams

each individually if there be more than one named, its true and lawful attorney-in-fact to make, all of the city of state of Atlanta GA execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 7th day of September , 2018 .





The Ohio Casualty Insurance Company West American Insurance Company By:

Liberty Mutual Insurance Company

David M. Carey, Assistant Secretary

State of PENNSYLVANIA SS County of MONTGOMERY

7th day of September , 2018 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance On this Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

PAS OF ARY PU

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Teresa Pastella, Notary Public Upper Merion Twp., Montgomery County My Commission Expires March 28, 2021 lember. Pennsylvania Association of Notaries

By: Ilresa Pastella Teresa Pastella, Notary Public

this Power of Attorney 9:00 am and 4:30 pm This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

the validity of t -8240 between Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such To confirm t 1-610-832-8 instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-infact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this day of



Renee C. Llewellyn, Assistant Secretary