

AGREEMENT
between
THE CITY OF COCONUT CREEK
and
MADSEN/BARR CORPORATION
for
**REHABILITATION, REPAIRS, AND NEW CONSTRUCTION SERVICES FOR WATER
DISTRIBUTION AND WASTEWATER CONVEYANCE UTILITY SYSTEMS
BID NO. 02-21-18-11**

THIS AGREEMENT is made and entered into this _____ day of _____, 2018, by and between the City of Coconut Creek, a municipal corporation, with principal offices located at 4800 West Copans Road, Coconut Creek, FL 33063 (the "CITY") and Madsen/Barr Corporation, a Florida corporation with principal offices located at 12113 Indian Mound Road, Wellington, FL 33449 (the "Contractor") to provide rehabilitation, repairs, and new construction services for water distribution and wastewater conveyance utility systems as specified in Bid No. 02-21-18-11.

Now therefore, in consideration of the mutual covenants hereinafter set forth, the City and Contractor agree as follows:

1) The Contract Documents

The contract documents consist of this Agreement, conditions of the contract (General, Supplementary and other Conditions), drawings, specifications of Bid No. 02-21-18-11, all addenda issued prior to, and all modifications issued after execution of this Agreement. These contract documents form the Agreement, and all are as fully a part of the Agreement if attached to this Agreement or repeated therein.

2) The Work

The Contractor shall perform all work for the City required by the contract documents and Bid No. 02-21-18-11, as set forth below:

- (a) Contractor shall furnish all labor, materials, and equipment necessary as indicated in the specifications herein on an as-needed basis.
- (b) Contractor shall supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. Contractor shall comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. Contractor shall at all times have a competent field supervisor on the job site to enforce these policies and procedures at the Contractor's expense.
- (c) Contractor shall provide the City with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.
- (d) Contractor shall comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to the Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein.

3) Insurance

- (a) Contractor shall obtain at Contractor's expense all necessary insurance in such form and amount as required by the City's Risk Manager before beginning work under this Agreement including, but not limited to, Workers' Compensation, Commercial General Liability, and all other insurance as required by the City, including Professional Liability when appropriate. Contractor shall maintain such insurance in full force and effect during the life of this Agreement. Contractor shall provide to the City's Risk Manager certificates of all insurances required under this section prior to beginning any work under this Agreement. The Contractor shall be responsible for all actions of his subcontractors and shall ensure that all subcontractors comply with the above guidelines, retaining necessary insurance in force, where required, throughout the term of this agreement.
- (b) Contractor shall indemnify and hold the City harmless for any damages resulting from failure of the Contractor to take out and maintain such insurance. Contractor's Liability Insurance policies shall be endorsed to add the City as an additional insured. Contractor shall be responsible for payment of all deductibles and self-insurance retentions on Contractor's Liability Insurance policies.

4) Contract Amount

Contractor shall perform contract requirements with pricing pursuant to Exhibit "A" – Bid Schedule on an as needed basis.

5) Contract Term

- (a) The initial contract period shall be for three (3) years. The City reserves the right to extend the contract for two (2) additional one (1) year periods, providing both parties agree to the extension; all the terms, conditions and specifications remain the same; and such extension is approved by the City. Successful Bidder shall give written notice to the City not less than ninety (90) days prior to renewal date of any adjustment in the initial Contract amount. Contract renewal shall be based on satisfactory performance, mutual acceptance, and determination that the Contract is in the best interest of the City.
- (b) In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the Contract Administrator. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate(s) in effect when the City invokes this extension clause.

6) Conditions for Emergency/Hurricane or Disaster

It is hereby made a part of this agreement that before, during and after a public emergency, disaster, hurricane, flood or other substantial loss that the City of Coconut Creek shall require a "**first priority**" basis for goods and services. It is vital and imperative that the majority of citizens are protected from any emergency situation which threatens public safety and health, as determined by the City Manager. Awarded Vendor/Contractor agrees to rent/sell/lease all goods and services to the City or other governmental entities, as opposed to a private citizen or corporation, on a first priority basis. The City expects to pay a fair and reasonable price for all products/services in the event of a disaster, emergency or hurricane. Awarded Vendor/Contractor shall furnish a twenty-four (24) hour telephone number in the event of such an emergency.

7) Waiver of Liens

Prior to final payment of the Contract Sum, a final waiver of lien shall be submitted by all suppliers, subcontractors, and/or Contractors who worked on the project that is the subject of this Agreement.

8) Warranties

Warranty of Title:

Contractor warrants to the City that all goods and materials furnished under the contract will be new unless otherwise specified and that Contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective.

Warranty of Specifications

Contractor warrants that all goods, materials and workmanship furnished, whether furnished by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted.

Warranty of Merchantability

Contractor warrants all material and workmanship for a minimum of one (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the City, or within such larger period of time as may be prescribed by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor shall after receipt of a written notice from the City to do so, promptly correct the work unless the City has previously given the Contractor a written acceptance of such condition.

9) Indemnification

The Contractor shall indemnify and hold harmless the City, its elected and appointed officials, employees, and agents from any and all claims, suits, actions, damages, liability, and expenses (including attorneys' fees) in connection with loss of life, bodily or personal injury, or property damage, including loss of use thereof, directly or indirectly caused by, resulting from, arising out of or occurring in connection with the operations of the Contractor or its officers, employees, agents, subcontractors, or independent Contractors, excepting only such loss of life, bodily or personal injury, or property damage solely attributable to the gross negligence or willful misconduct of the City or its elected or appointed officials and employees. The above provisions shall survive the termination of this Agreement and shall pertain to any occurrence during the term of this Agreement, even though the claim may be made after the termination hereof.

Nothing contained herein is intended nor shall be construed to waive City's rights and immunities under the common law or Florida Statutes 768.28, as amended from time to time.

10) Anti-Discrimination

That Contractor shall for itself, its personal representatives, successors in interests, assigns, subcontractors, and sub-lessees, as a part of the consideration hereof, hereby covenant and agree that:

- a) No person on the ground of race, color, religion, sex, national origin, age, marital status, political affiliation, familial status, disability, sexual orientation, pregnancy, gender identity or expression, or veteran or service member status shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of or performance of services described herein; and

b) Contractor, its personal representatives, successors in interests, assigns, subcontractors, and sub-lessees shall not discriminate against any employee or applicant for employment to be employed in the performance of this Agreement with respect to hiring, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment because of race, color, religion, sex, national origin, age, marital status, political affiliation, familial status, disability, sexual orientation, pregnancy, gender identity or expression or veteran or service member status.

11) Independent Contractor

Contractor is an independent Contractor under this Agreement. Personal services provided by the Contractor shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this Agreement shall be those of the Contractor.

12) Assignment and Subcontracting

Contractor shall not transfer or assign the performance required by this Agreement without the prior consent of the City. This Agreement, or any portion thereof, shall not be subcontracted without the prior written consent of the City nor shall the Contractor assign any monies due or to become due to him or her, without the previous written consent of the Contract Administrator.

13) Notice

Whenever either party desires or is required under this Agreement to give notice to any other party, it must be given by written notice, sent by registered United States mail, with return receipt requested, addressed to the party for whom it is intended at the following addresses.

CITY

City Manager
City of Coconut Creek
4800 West Copans Road
Coconut Creek, FL 33063
With a copy to the City Attorney at the same address.

CONTRACTOR

John Barr, President
Madsen/Barr Corporation
12113 Indian Mound Road
Wellington, FL 33449
Phone: 561-753-6363
Fax: 561-753-6382
Email: madsenbarr@earthlink.net

14) Termination

This Agreement may be terminated by City or Contractor for cause or by the City for convenience, upon thirty (30) days of written notice by the terminating party to the other party for such termination in which event the Contractor shall be paid its compensation for services performed to termination date, including services reasonably related to termination. In the event that the Contractor abandons this Agreement or causes it to be terminated, Contractor shall indemnify the City against loss pertaining to this termination.

Default by Contractor: In addition to all other remedies available to the City, this Agreement shall be subject to cancellation by the City should the Contractor neglect or fail to perform or observe any of the terms, provisions, conditions, or requirements herein contained, if such neglect or failure shall continue for a period of thirty (30) days after receipt by Contractor of written notice of such neglect or failure.

15) Agreement Subject to Funding

This agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the City Commission of the CITY OF COCONUT CREEK in the annual budget for each fiscal year of this Agreement, and is subject to termination without any penalty due to lack of funding.

16) Venue

The parties waive the privilege of venue and agree that all litigation between them in the state courts shall take place exclusively in the Seventeenth Judicial Circuit in and for Broward County, Florida and that all litigation between them in the federal courts shall take place exclusively in the Southern District in and for the State of Florida.

17) Signatory Authority

The Contractor shall provide the City with copies of requisite documentation evidencing that the signatory for Contractor has the authority to enter into this Agreement.

18) Severability; Waiver of Provisions

Any provision in this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof or affecting the validity or enforceability of such provisions in any other jurisdiction. The non-enforcement of any provision by either party shall not constitute a waiver of that provision nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

19) Merger; Amendment

This Agreement constitutes the entire Agreement between the Contractor and the City, and negotiations and oral understandings between the parties are merged herein. This Agreement can be supplemented and/or amended only by a written document executed by both the Contractor and the City.

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IN WITNESS WHEREOF, the parties have made and executed this Agreement on the respective dates under each signature. CITY OF COCONUT CREEK, through its City Manager or designee and Madsen/Barr Corporation (Name of party with whom Agreement is made), signing by and through its President, John Barr (President, Owner, CEO, etc.) duly authorized to execute same.

CITY OF COCONUT CREEK

ATTEST:

Mary C. Blasi, City Manager Date

Leslie Wallace May Date
City Clerk

Approved as to form and legal sufficiency:

Terrill C. Pyburn, City Attorney Date

CONTRACTOR

ATTEST:

Company Name

(Corporate Secretary)

Signature of President/Owner Date

Type/Print Name of Corporate Secy.

Type/Print Name of President/Owner

(CORPORATE SEAL)

CORPORATE ACKNOWLEDGEMENT

STATE OF FLORIDA:

:SS

COUNTY OF _____:

I HEREBY CERTIFY that on this day, before me, an Officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared _____, of _____ a _____ Corporation, to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me that he/she executed the same.

WITNESS my hand and official seal this _____ day of _____, 2018.

Signature of Notary Public
State of Florida at Large

Print, Type or Stamp
Name of Notary Public

- Personally known to me or
- Produced Identification

Type of I.D. Produced

- DID take an oath, or
- DID NOT take an oath.

EXHIBIT "A"

**CITY OF COCONUT CREEK
REHABILITATION, REPAIRS, AND NEW CONSTRUCTION SERVICES FOR WATER
DISTRIBUTION AND WASTEWATER CONVEYANCE UTILITY SYSTEMS
BID NO. 02-21-18-11**

BID SCHEDULE

1. NEW CONSTRUCTION				Madsen / Barr Corp.	
Line #	Description	QTY	UOM	Unit	Extended
1.1	Mobilization Costs, includes demobilization (not to exceed 5% of each job)	1	LS	\$ 1,500.00	\$ 1,500.00
1.2	Record Drawings	10	LS	\$ 0.01	\$ 0.10
1.3	Construction Survey	10	LS	\$ 0.01	\$ 0.10
1.4	Pre-During-Post Construction Digital Photos	10	LS	\$ 0.01	\$ 0.10
1.5	M.O.T. - Residential Street	3	Day	\$ 275.00	\$ 825.00
1.6	M.O.T. - City Arterial Roadway	3	Day	\$ 465.00	\$ 1,395.00
1.7	M.O.T. - County or State Roadway	3	Day	\$ 880.00	\$ 2,640.00
1.8	Density Tests	10	EA	\$ 0.01	\$ 0.10
1.9	Proctor Tests	10	EA	\$ 0.01	\$ 0.10
1.10	Concrete 12" x 6" Cylinder Test	10	EA	\$ 0.01	\$ 0.10
1.11	Applicable Permits - pass through charges, if any	1	N/A	\$ 0.01	\$ 0.01
1.12	Ductile Iron Pipe (DIP) Fittings with Accessories	2	TON	\$ 6,150.00	\$ 12,300.00
1.13	4" Mega-Lug Joint Restraint for DIP	20	EA	\$ 29.00	\$ 580.00
1.14	6" Mega-Lug Joint Restraint for DIP	20	EA	\$ 49.00	\$ 980.00
1.15	8" Mega-Lug Joint Restraint for DIP	20	EA	\$ 68.00	\$ 1,360.00
1.16	10" Mega-Lug Joint Restraint for DIP	20	EA	\$ 89.00	\$ 1,780.00
1.17	12" Mega-Lug Joint Restraint for DIP	20	EA	\$ 125.00	\$ 2,500.00
1.18	16" Mega-Lug Joint Restraint for DIP	20	EA	\$ 170.00	\$ 3,400.00
1.19	24" Mega-Lug Joint Restraint for DIP	10	EA	\$ 390.00	\$ 3,900.00
1.20	4" Mega-Lug Joint Restraint for PVC	20	EA	\$ 36.00	\$ 720.00
1.21	6" Mega-Lug Joint Restraint for PVC	20	EA	\$ 45.00	\$ 900.00
1.22	8" Mega-Lug Joint Restraint for PVC	20	EA	\$ 60.00	\$ 1,200.00
1.23	4" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$ 55.00	\$ 1,100.00
1.24	6" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$ 80.00	\$ 1,600.00
1.25	8" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$ 100.00	\$ 2,000.00

1.26	10" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	122.00	\$	2,440.00
1.27	12" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	150.00	\$	3,000.00
1.28	10" DIP Bell Joint Repair Clamp	10	EA	\$	0.01	\$	0.10
1.29	16" DIP Bell Joint Repair Clamp	10	EA	\$	0.01	\$	0.10
1.30	20" DIP Bell Joint Repair Clamp	10	EA	\$	0.01	\$	0.10
1.31	24" DIP Bell Joint Repair Clamp	2	EA	\$	0.01	\$	0.02
1.32	Additional Pipe Crew Hours	100	HR	\$	205.00	\$	20,500.00
1.33	0' - 6' deep	100	LF	\$	113.00	\$	11,300.00
1.34	6' - 8' deep	100	LF	\$	170.00	\$	17,000.00
1.35	8' - 10' deep	100	LF	\$	264.00	\$	26,400.00
1.36	10' - 12' deep	100	LF	\$	363.00	\$	36,300.00
1.37	12' - 16' deep	100	LF	\$	435.00	\$	43,500.00
1.38	16' - 20' deep	100	LF	\$	473.00	\$	47,300.00
1.39	0' - 6' deep	100	LF	\$	113.00	\$	11,300.00
1.40	6' - 8' deep	100	LF	\$	170.00	\$	17,000.00
1.41	8' - 10' deep	100	LF	\$	264.00	\$	26,400.00
1.42	10' - 12' deep	100	LF	\$	363.00	\$	36,300.00
1.43	12' - 16' deep	100	LF	\$	435.00	\$	43,500.00
1.44	16' - 20' deep	100	LF	\$	473.00	\$	47,300.00
1.45	0' - 6' deep	100	LF	\$	0.01	\$	1.00
1.46	6' - 8' deep	100	LF	\$	0.01	\$	1.00
1.47	8' - 10' deep	100	LF	\$	0.01	\$	1.00
1.48	10' - 12' deep	100	LF	\$	300.00	\$	30,000.00
1.49	12' - 16' deep	100	LF	\$	400.00	\$	40,000.00
1.50	16' - 20' deep	100	LF	\$	450.00	\$	45,000.00
1.51	0' - 6' deep	100	LF	\$	0.01	\$	1.00
1.52	6' - 8' deep	100	LF	\$	0.01	\$	1.00
1.53	8' - 10' deep	100	LF	\$	0.01	\$	1.00
1.54	10' - 12' deep	100	LF	\$	0.01	\$	1.00
1.55	12' - 16' deep	100	LF	\$	400.00	\$	40,000.00
1.56	16' - 20' deep	100	LF	\$	450.00	\$	45,000.00
1.57	0' - 6' deep	20	LF	\$	0.01	\$	0.20
1.58	6' - 8' deep	20	LF	\$	0.01	\$	0.20
1.59	8' - 10' deep	20	LF	\$	0.01	\$	0.20
1.60	10' - 12' deep	20	LF	\$	0.01	\$	0.20
1.61	12' - 16' deep	20	LF	\$	2,500.00	\$	50,000.00
1.62	16' - 20' deep	20	LF	\$	2,750.00	\$	55,000.00
1.63	0' - 3' deep	100	LF	\$	98.00	\$	9,800.00
1.64	3' - 6' deep	100	LF	\$	98.00	\$	9,800.00
1.65	6' - 8' deep	100	LF	\$	98.00	\$	9,800.00
1.66	8' - 10' deep	100	LF	\$	98.00	\$	9,800.00
1.67	0' - 3' deep	100	LF	\$	0.01	\$	1.00

1.68	3' - 6' deep	100	LF	\$	112.00	\$	11,200.00
1.69	6' - 8' deep	100	LF	\$	112.00	\$	11,200.00
1.70	8' - 10' deep	100	LF	\$	112.00	\$	11,200.00
1.71	0' - 3' deep	50	LF	\$	0.01	\$	0.50
1.72	3' - 6' deep	50	LF	\$	150.00	\$	7,500.00
1.73	6' - 8' deep	50	LF	\$	150.00	\$	7,500.00
1.74	8' - 10' deep	50	LF	\$	150.00	\$	7,500.00
1.75	0' - 3' deep	20	LF	\$	0.01	\$	0.20
1.76	3' - 6' deep	20	LF	\$	400.00	\$	8,000.00
1.77	6' - 8' deep	20	LF	\$	400.00	\$	8,000.00
1.78	8' - 10' deep	20	LF	\$	400.00	\$	8,000.00
1.79	Install Sanitary Sewer 4" Lateral and Clean-out (single) - PVC	100	LF	\$	0.01	\$	1.00
1.80	Install Sanitary Sewer 4" Lateral and Clean-out (double) - PVC	100	LF	\$	0.01	\$	1.00
1.81	Install Sanitary Sewer 6" Lateral and Clean-out (single) - PVC	100	LF	\$	125.00	\$	12,500.00
1.82	Install Sanitary Sewer 6" Lateral and Clean-out (double) - PVC	100	LF	\$	125.00	\$	12,500.00
1.83	4" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	1,750.00	\$	17,500.00
1.84	6" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	2,650.00	\$	26,500.00
1.85	8" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,275.00	\$	32,750.00
1.86	10" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,425.00	\$	34,250.00
1.87	12" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,675.00	\$	36,750.00
1.88	Install Plug Valve and Valve Box greater than 12" - supplied by City	10	EA	\$	0.01	\$	0.10
1.89	8" x 6" Tapping sleeve with Valve and Valve Box	10	EA	\$	2,050.00	\$	20,500.00
1.90	8" x 8" Tapping sleeve with Valve and Valve Box	10	EA	\$	2,500.00	\$	25,000.00
1.91	12" x 6" Tapping sleeve with Valve and Valve Box	10	EA	\$	3,200.00	\$	32,000.00
1.92	12" x 8" Tapping sleeve with Valve and Valve Box	10	EA	\$	3,700.00	\$	37,000.00
1.93	4-in "Team Insertion" Valve w/Valve Box	5	EA	\$	5,000.00	\$	25,000.00
1.94	8-in "Team Insertion" Valve w/Valve Box	5	EA	\$	5,000.00	\$	25,000.00
1.95	10-in "Team Insertion" Valve w/Valve Box	5	EA	\$	5,000.00	\$	25,000.00

1.96	12-in "Team Insertion" Valve w/Valve Box	5	EA	\$	5,000.00	\$	25,000.00
1.97	4" Insertion Line Stop	4	EA	\$	3,500.00	\$	14,000.00
1.98	8" Insertion Line Stop	4	EA	\$	5,500.00	\$	22,000.00
1.99	10" Insertion Line Stop	4	EA	\$	6,000.00	\$	24,000.00
1.100	16" Insertion Line Stop	2	EA	\$	10,500.00	\$	21,000.00
1.101	20" Insertion Line Stop	2	EA	\$	12,000.00	\$	24,000.00
1.102	24" Insertion Line Stop	2	EA	\$	15,000.00	\$	30,000.00
1.103	Adjust manhole ring and cover to grade	5	EA	\$	675.00	\$	3,375.00
1.104	Adjust valve box to grade	20	EA	\$	115.00	\$	2,300.00
1.105	Install Brick Paver (1 1/2" sand, 6" limerock base, 12" compacted subgrade)	100	SF	\$	15.00	\$	1,500.00
1.106	0' - 4' deep	2	EA	\$	4,000.00	\$	8,000.00
1.107	4' - 6' deep	2	EA	\$	4,500.00	\$	9,000.00
1.108	6' - 8' deep	2	EA	\$	5,000.00	\$	10,000.00
1.109	8' - 10' deep	2	EA	\$	5,500.00	\$	11,000.00
1.110	10' - 12' deep	2	EA	\$	6,000.00	\$	12,000.00
1.111	12' -14' deep	2	EA	\$	6,250.00	\$	12,500.00
1.112	14' - 16' deep	2	EA	\$	6,500.00	\$	13,000.00
1.113	16' -20' deep	2	EA	\$	7,000.00	\$	14,000.00
1.114	Install a Well Point system up to 150 points w/pump and jetting equipment	2	DAY	\$	2,950.00	\$	5,900.00
1.115	6" Pump w/labor and accessories	2	DAY	\$	6,550.00	\$	13,100.00
1.116	8" Pump w/labor and accessories	2	DAY	\$	8,375.00	\$	16,750.00
1.117	10" Pump w/labor and accessories	2	DAY	\$	0.01	\$	0.02
1.118	12" Pump w/labor and accessories	2	DAY	\$	0.01	\$	0.02
1.119	Install 6-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	73.00	\$	7,300.00
1.120	Install 8-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	82.00	\$	8,200.00
1.121	Install 10-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	91.00	\$	9,100.00
1.122	Install 12-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	102.00	\$	10,200.00
1.123	Install 16-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	145.00	\$	14,500.00
1.124	Install 20-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	168.00	\$	16,800.00
1.125	Install 24-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	186.00	\$	18,600.00
1.126	6" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,125.00	\$	21,250.00

1.127	8" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,350.00	\$	23,500.00
1.128	10" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,675.00	\$	26,750.00
1.129	12" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,975.00	\$	29,750.00
1.130	12" Gate Valve & Box - American Flow Control or Mueller - Gear Actuated	10	EA	\$	0.01	\$	0.10
1.131	8" x 6" Tapping Sleeve w/Valve & Box	10	EA	\$	2,050.00	\$	20,500.00
1.132	8" x 8" Tapping Sleeve w/Valve & Box	10	EA	\$	2,500.00	\$	25,000.00
1.133	12" x 6" Tapping Sleeve w/Valve & Box	10	EA	\$	3,200.00	\$	32,000.00
1.134	12" x 8" Tapping Sleeve w/Valve & Box	10	EA	\$	3,700.00	\$	37,000.00
1.135	Fire Hydrant Assembly w/elbow for anchor Tee, Gate Valve, 6" DIP	10	EA	\$	0.01	\$	0.10
1.136	Fire Hydrant Assembly w/6" Gate Valve, 6" DIP	10	EA	\$	5,550.00	\$	55,500.00
1.137	Install Fire Hydrant (up to 42" burial)	10	EA	\$	4,550.00	\$	45,500.00
1.138	Fire Hydrant Extensions	10	EA	\$	0.01	\$	0.10
1.139	Install Fire Hydrant Bollard	10	EA	\$	0.01	\$	0.10
1.140	Sample Points w/double saddle & corp stop	5	EA	\$	0.01	\$	0.05
1.141	Sample Points on Fire Hydrant	5	EA	\$	0.01	\$	0.05
1.142	2" Blow off piping with box	5	EA	\$	0.01	\$	0.05
1.143	up to 2" Service Line up to 20' long - single	10	LF	\$	94.00	\$	940.00
1.144	up to 2" Service Line up to 20' long - double	10	LF	\$	96.00	\$	960.00
1.145	up to 2" Service Line up to 40' long - single	10	LF	\$	102.00	\$	1,020.00
1.146	up to 2" Service Line up to 40' long - double	10	LF	\$	104.00	\$	1,040.00
1.147	Sample Point w/bacteriological testing	10	EA	\$	0.01	\$	0.10
1.148	Furnish & install Bahia sod	1000	SF	\$	0.50	\$	500.00
1.149	Furnish & install Floratam sod	1000	SF	\$	3.40	\$	3,400.00
1.150	Furnish Operator and Water truck to irrigate sod	1000	SF	\$	0.01	\$	10.00
1.151	Asphalt pavement removal including disposal	1000	SF	\$	2.00	\$	2,000.00
1.152	Mill existing pavement (3/4" - 1") including disposal	1000	SF	\$	0.01	\$	10.00
1.153	Mill existing pavement (1" - 2") including disposal	1000	SF	\$	2.50	\$	2,500.00
1.154	Asphalt Overlay, Type S-III	300	SY	\$	45.00	\$	13,500.00
1.155	Asphalt, 1" type S-3, Surface Course	300	SY	\$	95.00	\$	28,500.00

1.156	FDOT Flowable Fill	20	CY	\$	275.00	\$	5,500.00
1.157	6" Limerock/crushed concrete base, primed	100	SY	\$	0.01	\$	1.00
1.158	8" Limerock/crushed concrete base, primed	100	SY	\$	60.00	\$	6,000.00
1.159	12" compacted subgrade, 98%, T-180	100	SY	\$	25.00	\$	2,500.00
1.160	Equipment Operator, wheeled and/or tracked	100	HR	\$	77.00	\$	7,700.00
1.161	Laborer	100	HR	\$	52.00	\$	5,200.00
1.162	Pipe Layer	100	HR	\$	55.00	\$	5,500.00
1.163	De-watering setup and equipment	20	HR	\$	115.00	\$	2,300.00

2. Repairs or Emergencies

				Madsen/Barr Corp.			
Line #	Description	QTY	UOM	Unit	Extended		
2.1	Mobilization Costs, includes demobilization (not to exceed 5% of each job)	1	LS	\$	2,000.00	\$	2,000.00
2.2	Record Drawings	10	LS	\$	0.01	\$	0.10
2.3	Construction Survey	10	LS	\$	0.01	\$	0.10
2.4	Pre-During-Post Construction Digital Photos	10	LS	\$	0.01	\$	0.10
2.5	M.O.T. - Residential Street	3	Day	\$	275.00	\$	825.00
2.6	M.O.T. - City Arterial Roadway	3	Day	\$	465.00	\$	1,395.00
2.7	M.O.T. - County or State Roadway	3	Day	\$	880.00	\$	2,640.00
2.8	Density Tests	10	EA	\$	0.01	\$	0.10
2.9	Proctor Tests	10	EA	\$	0.01	\$	0.10
2.10	Concrete 12" x 6" Cylinder Test	10	EA	\$	0.01	\$	0.10
2.11	Applicable Permits - pass through charges, if any	1	N/A	\$	0.01	\$	0.01
2.12	Ductile Iron Pipe (DIP) Fittings with Accessories	2	TON	\$	6,150.00	\$	12,300.00
2.13	4" Mega-Lug Joint Restraint for DIP	20	EA	\$	29.00	\$	580.00
2.14	6" Mega-Lug Joint Restraint for DIP	20	EA	\$	49.00	\$	980.00
2.15	8" Mega-Lug Joint Restraint for DIP	20	EA	\$	68.00	\$	1,360.00
2.16	10" Mega-Lug Joint Restraint for DIP	20	EA	\$	89.00	\$	1,780.00
2.17	12" Mega-Lug Joint Restraint for DIP	20	EA	\$	125.00	\$	2,500.00
2.18	16" Mega-Lug Joint Restraint for DIP	20	EA	\$	170.00	\$	3,400.00
2.19	24" Mega-Lug Joint Restraint for DIP	10	EA	\$	390.00	\$	3,900.00
2.20	4" Mega-Lug Joint Restraint for PVC	20	EA	\$	36.00	\$	720.00
2.21	6" Mega-Lug Joint Restraint for PVC	20	EA	\$	45.00	\$	900.00
2.22	8" Mega-Lug Joint Restraint for PVC	20	EA	\$	60.00	\$	1,200.00
2.23	4" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	55.00	\$	1,100.00
2.24	6" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	80.00	\$	1,600.00

2.25	8" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	100.00	\$	2,000.00
2.26	10" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	122.00	\$	2,440.00
2.27	12" Joint Restraint Gasket (Field Lok or Fast Grip)	20	EA	\$	150.00	\$	3,000.00
2.28	10" DIP Bell Joint Repair Clamp	10	EA	\$	300.00	\$	3,000.00
2.29	16" DIP Bell Joint Repair Clamp	10	EA	\$	475.00	\$	4,750.00
2.30	20" DIP Bell Joint Repair Clamp	10	EA	\$	700.00	\$	7,000.00
2.31	24" DIP Bell Joint Repair Clamp	2	EA	\$	800.00	\$	1,600.00
2.32	Additional Pipe Crew Hours	100	HR	\$	325.00	\$	32,500.00
2.33	0' - 6' deep	100	LF	\$	141.00	\$	14,100.00
2.34	6' - 8' deep	100	LF	\$	212.00	\$	21,200.00
2.35	8' - 10' deep	100	LF	\$	330.00	\$	33,000.00
2.36	10' - 12' deep	100	LF	\$	453.00	\$	45,300.00
2.37	12' - 16' deep	100	LF	\$	543.00	\$	54,300.00
2.38	16' - 20' deep	100	LF	\$	591.00	\$	59,100.00
2.39	0' - 6' deep	100	LF	\$	141.00	\$	14,100.00
2.40	6' - 8' deep	100	LF	\$	212.00	\$	21,200.00
2.41	8' - 10' deep	100	LF	\$	330.00	\$	33,000.00
2.42	10' - 12' deep	100	LF	\$	453.00	\$	45,300.00
2.43	12' - 16' deep	100	LF	\$	543.00	\$	54,300.00
2.44	16' - 20' deep	100	LF	\$	591.00	\$	59,100.00
2.45	0' - 6' deep	100	LF	\$	0.01	\$	1.00
2.46	6' - 8' deep	100	LF	\$	0.01	\$	1.00
2.47	8' - 10' deep	100	LF	\$	0.01	\$	1.00
2.48	10' - 12' deep	100	LF	\$	300.00	\$	30,000.00
2.49	12' - 16' deep	100	LF	\$	400.00	\$	40,000.00
2.50	16' - 20' deep	100	LF	\$	450.00	\$	45,000.00
2.51	0' - 6' deep	100	LF	\$	0.01	\$	1.00
2.52	6' - 8' deep	100	LF	\$	0.01	\$	1.00
2.53	8' - 10' deep	100	LF	\$	0.01	\$	1.00
2.54	10' - 12' deep	100	LF	\$	0.01	\$	1.00
2.55	12' - 16' deep	100	LF	\$	400.00	\$	40,000.00
2.56	16' - 20' deep	100	LF	\$	450.00	\$	45,000.00
2.57	0' - 6' deep	20	LF	\$	0.01	\$	0.20
2.58	6' - 8' deep	20	LF	\$	0.01	\$	0.20
2.59	8' - 10' deep	20	LF	\$	0.01	\$	0.20
2.60	10' - 12' deep	20	LF	\$	0.01	\$	0.20
2.61	12' - 16' deep	20	LF	\$	2,500.00	\$	50,000.00
2.62	16' - 20' deep	20	LF	\$	2,750.00	\$	55,000.00
2.63	0' - 3' deep	100	LF	\$	98.00	\$	9,800.00
2.64	3' - 6' deep	100	LF	\$	98.00	\$	9,800.00
2.65	6' - 8' deep	100	LF	\$	98.00	\$	9,800.00

2.66	8' - 10' deep	100	LF	\$	98.00	\$	9,800.00
2.67	0' - 3' deep	100	LF	\$	0.01	\$	1.00
2.68	3' - 6' deep	100	LF	\$	112.00	\$	11,200.00
2.69	6' - 8' deep	100	LF	\$	112.00	\$	11,200.00
2.70	8' - 10' deep	100	LF	\$	112.00	\$	11,200.00
2.71	0' - 3' deep	50	LF	\$	0.01	\$	0.50
2.72	3' - 6' deep	50	LF	\$	150.00	\$	7,500.00
2.73	6' - 8' deep	50	LF	\$	150.00	\$	7,500.00
2.74	8' - 10' deep	50	LF	\$	150.00	\$	7,500.00
2.75	0' - 3' deep	20	LF	\$	0.01	\$	0.20
2.76	3' - 6' deep	20	LF	\$	400.00	\$	8,000.00
2.77	6' - 8' deep	20	LF	\$	400.00	\$	8,000.00
2.78	8' - 10' deep	20	LF	\$	400.00	\$	8,000.00
2.79	Install Sanitary Sewer 4" Lateral and Clean-out (single) - PVC	100	LF	\$	0.01	\$	1.00
2.80	Install Sanitary Sewer 4" Lateral and Clean-out (double) - PVC	100	LF	\$	0.01	\$	1.00
2.81	Install Sanitary Sewer 6" Lateral and Clean-out (single) - PVC	100	LF	\$	125.00	\$	12,500.00
2.82	Install Sanitary Sewer 6" Lateral and Clean-out (double) - PVC	100	LF	\$	125.00	\$	12,500.00
2.83	4" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	1,750.00	\$	17,500.00
2.84	6" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	2,650.00	\$	26,500.00
2.85	8" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,275.00	\$	32,750.00
2.86	10" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,425.00	\$	34,250.00
2.87	12" Plug Valve and Valve Box - 100% full port - Gear Actuated - Val-Matic	10	EA	\$	3,675.00	\$	36,750.00
2.88	Install Plug Valve and Valve Box greater than 12" - supplied by City	10	EA	\$	0.01	\$	0.10
2.89	8" x 6" Tapping sleeve with Valve and Valve Box	10	EA	\$	2,050.00	\$	20,500.00
2.90	8" x 8" Tapping sleeve with Valve and Valve Box	10	EA	\$	2,500.00	\$	25,000.00
2.91	12" x 6" Tapping sleeve with Valve and Valve Box	10	EA	\$	3,200.00	\$	32,000.00
2.92	12" x 8" Tapping sleeve with Valve and Valve Box	10	EA	\$	3,700.00	\$	37,000.00
2.93	4-in "Team Insertion" Valve w/Valve Box	5	EA	\$	8,000.00	\$	40,000.00
2.94	8-in "Team Insertion" Valve w/Valve Box	5	EA	\$	11,000.00	\$	55,000.00

2.95	10-in "Team Insertion" Valve w/Valve Box	5	EA	\$	20,000.00	\$	100,000.00
2.96	12-in "Team Insertion" Valve w/Valve Box	5	EA	\$	23,000.00	\$	115,000.00
2.97	4" Insertion Line Stop	4	EA	\$	3,500.00	\$	14,000.00
2.98	8" Insertion Line Stop	4	EA	\$	5,500.00	\$	22,000.00
2.99	10" Insertion Line Stop	4	EA	\$	6,000.00	\$	24,000.00
2.100	16" Insertion Line Stop	2	EA	\$	10,500.00	\$	21,000.00
2.101	20" Insertion Line Stop	2	EA	\$	12,000.00	\$	24,000.00
2.102	24" Insertion Line Stop	2	EA	\$	15,000.00	\$	30,000.00
2.103	Adjust manhole ring and cover to grade	5	EA	\$	675.00	\$	3,375.00
2.104	Adjust valve box to grade	20	EA	\$	115.00	\$	2,300.00
2.105	Install Brick Paver (1 1/2" sand, 6" limerock base, 12" compacted subgrade)	100	SF	\$	15.00	\$	1,500.00
2.106	0' - 4' deep	2	EA	\$	4,000.00	\$	8,000.00
2.107	4' - 6' deep	2	EA	\$	4,500.00	\$	9,000.00
2.108	6' - 8' deep	2	EA	\$	5,000.00	\$	10,000.00
2.109	8' - 10' deep	2	EA	\$	5,500.00	\$	11,000.00
2.110	10' - 12' deep	2	EA	\$	6,000.00	\$	12,000.00
2.111	12' -14' deep	2	EA	\$	6,250.00	\$	12,500.00
2.112	14' - 16' deep	2	EA	\$	6,500.00	\$	13,000.00
2.113	16' -20' deep	2	EA	\$	7,000.00	\$	14,000.00
2.114	Install a Well Point system up to 150 points w/pump and jetting equipment	2	DAY	\$	2,950.00	\$	5,900.00
2.115	6" Pump w/labor and accessories	2	DAY	\$	6,550.00	\$	13,100.00
2.116	8" Pump w/labor and accessories	2	DAY	\$	8,375.00	\$	16,750.00
2.117	10" Pump w/labor and accessories	2	DAY	\$	0.01	\$	0.02
2.118	12" Pump w/labor and accessories	2	DAY	\$	0.01	\$	0.02
2.119	Install 6-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	73.00	\$	7,300.00
2.120	Install 8-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	82.00	\$	8,200.00
2.121	Install 10-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	91.00	\$	9,100.00
2.122	Install 12-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	102.00	\$	10,200.00
2.123	Install 16-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	145.00	\$	14,500.00
2.124	Install 20-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	168.00	\$	16,800.00
2.125	Install 24-inch Ductile Iron Pipe Water Main - PC 350 - Epoxy-Lined	100	LF	\$	196.00	\$	19,600.00

2.126	6" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,125.00	\$	21,250.00
2.127	8" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,350.00	\$	23,500.00
2.128	10" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,675.00	\$	26,750.00
2.129	12" Gate Valve & Box - American Flow Control or Mueller	10	EA	\$	2,925.00	\$	29,250.00
2.130	12" Gate Valve & Box - American Flow Control or Mueller - Gear Actuated	10	EA	\$	0.01	\$	0.10
2.131	8" x 6" Tapping Sleeve w/Valve & Box	10	EA	\$	2,050.00	\$	20,500.00
2.132	8" x 8" Tapping Sleeve w/Valve & Box	10	EA	\$	2,500.00	\$	25,000.00
2.133	12" x 6" Tapping Sleeve w/Valve & Box	10	EA	\$	3,200.00	\$	32,000.00
2.134	12" x 8" Tapping Sleeve w/Valve & Box	10	EA	\$	3,700.00	\$	37,000.00
2.135	Fire Hydrant Assembly w/elbow for anchor Tee, Gate Valve, 6" DIP	10	EA	\$	0.01	\$	0.10
2.136	Fire Hydrant Assembly w/6" Gate Valve, 6" DIP	10	EA	\$	5,550.00	\$	55,500.00
2.137	Install Fire Hydrant (up to 42" burial)	10	EA	\$	4,550.00	\$	45,500.00
2.138	Fire Hydrant Extensions	10	EA	\$	0.01	\$	0.10
2.139	Install Fire Hydrant Bollard	10	EA	\$	0.01	\$	0.10
2.140	Sample Points w/double saddle & corp stop	5	EA	\$	0.01	\$	0.05
2.141	Sample Points on Fire Hydrant	5	EA	\$	0.01	\$	0.05
2.142	2" Blow off piping with box	5	EA	\$	0.01	\$	0.05
2.143	up to 2" Service Line up to 20' long - single	10	LF	\$	94.00	\$	940.00
2.144	up to 2" Service Line up to 20' long - double	10	LF	\$	96.00	\$	960.00
2.145	up to 2" Service Line up to 40' long - single	10	LF	\$	102.00	\$	1,020.00
2.146	up to 2" Service Line up to 40' long - double	10	LF	\$	104.00	\$	1,040.00
2.147	Sample Point w/bacteriological testing	10	EA	\$	0.01	\$	0.10
2.148	Furnish & install Bahia sod	1000	SF	\$	0.50	\$	500.00
2.149	Furnish & install Floratam sod	1000	SF	\$	3.40	\$	3,400.00
2.150	Furnish Operator and Water truck to irrigate sod	1000	SF	\$	0.01	\$	10.00
2.151	Asphalt pavement removal including disposal	1000	SF	\$	2.00	\$	2,000.00
2.152	Mill existing pavement (3/4" - 1") including disposal	1000	SF	\$	0.01	\$	10.00
2.153	Mill existing pavement (1" - 2") including disposal	1000	SF	\$	2.50	\$	2,500.00

2.154	Asphalt Overlay, Type S-III	300	SY	\$	45.00	\$	13,500.00
2.155	Asphalt, 1" type S-3, Surface Course	300	SY	\$	95.00	\$	28,500.00
2.156	FDOT Flowable Fill	20	SY	\$	275.00	\$	5,500.00
2.157	6" Limerock/crushed concrete base, primed	100	SY	\$	0.01	\$	1.00
2.158	8" Limerock/crushed concrete base, primed	100	SY	\$	60.00	\$	6,000.00
2.159	12" compacted subgrade, 98%, T-180	100	SY	\$	25.00	\$	2,500.00
2.160	Equipment Operator, wheeled and/or tracked	100	HR	\$	115.50	\$	11,550.00
2.161	Laborer	100	HR	\$	52.00	\$	5,200.00
2.162	Pipe Layer	100	HR	\$	55.00	\$	5,500.00
2.163	De-watering setup and equipment	20	HR	\$	115.00	\$	2,300.00

			Madsen/Barr Corp.	
Line #	Description	UOM	Percentage Amount	
3	New Construction Non-categorized contract items markup	% up to	15%	
4	Repairs or Emergencies Non-categorized contract items markup	% up to	20%	