THIS AGREEMENT is between <u>NEW BRAUNFELS UTILITIES</u> (the "Owner" or "NBU") and <u>PGC GENERAL CONTRACTORS, LLC</u> (the "Contractor").

The Owner and the Contractor, in consideration of the mutual covenants set forth herein, agree as follows:

ARTICLE 1 - WORK

1.01 The Contractor shall complete all Work as specified or indicated in the Contract Documents as listed below:

The Contract Agreement
Standard General Conditions of the Contract
Special Conditions
Supplemental Conditions
Technical Specifications
Payment Bond
Performance Bond

1.02 The Work is generally described as follows:

This contract is described as an Annual Unit Price Contract with a Total Annual Value Limit not to exceed six hundred thousand dollars (\$600,000). The project documents consist of all of the typical NBU engineered details and specifications. Full design documents may not be provided for all locations. However, some projects may have full design documents. Each separate project location will be issued under a Work Order given to the Contractor.

The Specification Sections and Details included in the Contract Documents provide guidance for the types of Work the Contractor will encounter. However, since this is an Annual Unit Price Contract, all components of the Work are currently unknown.

Each project, or individual Work Order, will define a Work location, a scope of work, and anticipated project duration with substantial and final completion deadlines, as applicable. The Contractor will perform work under the Annual Unit Price Contract up to and not to exceed the Total Annual Value Limit and based on the unit prices set forth in the bid form. No dollar amount is guaranteed, and NBU reserves the right to delete, add substitute projects as it deems necessary.

The Project is anticipated to include some or all of the following items within its scope:

- Rehabilitating or replacement of water and sewer lines and appurtenances various sizes and types.
- Emergency On-Call Response: The Contractor will provide on-call, emergency response service to repair/replace components of the distribution system due to failure, breakage etc.
- Operations Support: The Contractor will provide support service to NBU Operations Staff on an as-needed basis (e.g., exposing existing force mains or appurtenance for which NBU crews are unable to perform).
- All other appurtenances necessary to complete the Project.

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ARTICLE 2 - THE PROJECT

2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Water and Wastewater Repair and Replacement Annual Unit Price Contract.

ARTICLE 3 - ENGINEER

3.01 The Project has been designed by:

Kimley Horn Sean Mason, P.E. 2600 Via Fortuna Bldg. 1, Suite 300 Austin, Texas 78746 Tel: 512-646-2237

(Engineer), who is to act as the Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 - CONTRACT TIMES

4.01 *Time of the Essence*

A. Time limits stated in the Contract Documents are of the essence of the Contract. In all aspects of the Work, including any time limits for Milestones, Substantial Completion, and Final Completion, time is of the essence of the Contract. Additionally, time limits stated in the Project Schedule are of the essence. By executing this Contract Agreement, the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

4.02 Contract Term, Time, and Work Order Assignments

A. The Contract time will be for an initial 12-month term or until all funds under the Total Annual Value Limit are exhausted, with an option for four (4) possible 12-month Contract extensions. Renewal of the Contract will be at the mutual agreement of NBU and the Contractor. If the Contractor chooses not to renew the Contract, a hold over period of up to 120 calendar days may be implemented by NBU to allow time for re-bidding the project. NBU is not obligated to offer a Contract renewal.

B. Work duration and definitions of substantial and final completion will be specific to each Work Order. NBU will consult the Contractor on each Work Order assignment, but NBU will have ultimate discretion on notice to proceed, duration, substantial, and final completion. Failure by the Contractor to satisfy the substantial or final completion requirements of any Work Order may be cause to stop issuance of further Work Orders. The Contractor shall note that there may be multiple individual Work Orders active at any given time.

C. The Contractor agrees to commence Work on a given project proposal within fourteen (14) calendar days after being given a Work Order for planned Work, unless the Contractor and NBU agree otherwise, and the Contractor agrees to diligently execute the Work. The Contractor is required to meet the Owner within two (2) calendar days of this notification. The Owner may require site visits with the Contractor to confirm quantities provided by the Owner and ask for additional clarification. Prior to the site meeting, the Contractor shall develop a cost proposal using unit prices as specified in the Contractor's Proposal Form,

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Exhibits B and C, for the Work Assignment, which will be the basis for the Work Assignment's Authorized Amount and an estimated schedule. After the quantities are confirmed, and any drawings or new specifications forwarded to the Contractor, the Contractor will submit a price and confirm the estimated time of completion within seven (7) calendar days. The price submitted for each Work Order including an Owner agreed contingency will be the maximum price allowed for the Contractor to bill unless otherwise agreed by the Owner.

- D. Once the NBU's designated agent has reviewed and approved the proposal, a Work Order Notice-To-Proceed will be issued to the Contractor. Within seven (7) calendar days of receipt of a Work Assignment from the Owner, the Contractor must respond with a signed proposal for the sub-project based upon the scope of Work outlined in the Work Order and the line item pricing in the Bid Form Documents. Once counter-signed by the Owner, a Work Order becomes a Contract Document. The Notice-To-Proceed will identify the authorized amount, substantial completion date, and final completion date. A separate Notice-to-Proceed will be issued for each Work Order.
- E. If time of completion cannot be agreed upon or the Owner would like to proceed using the "Cost of Work" method as described in the General Conditions to issue the Work Order using Time and Materials, the Contractor will proceed with the Work Assignment and within five (5) calendar days submit a detailed schedule outlining the work items and time of completion for the Owner's review. After the completion of any work using "Cost of Work" method, the Contractor will turn in a detailed unit item invoice detailing the work completed in Owner approved sufficient detail.
- F. Mobilization must begin upon the date specified in the Notice-To-Proceed on the initial contract and within two (2) calendar days of all subsequent Work Order Notices-To-Proceed. The Contractor agrees to commence productive work immediately on emergency projects and to work continuously until the emergency is resolved. Time is of the essence and all Work shall be completed within the time duration stated in each Work Order.

4.03 Damages

- A. The Contractor shall achieve Substantial Completion of each Work Order as set forth therein, subject to any adjustments of the Contract Time as provided in the Contract Documents and Change Orders modifying and extending this Agreement. It is specifically understood and agreed to by and between the Owner and the Contractor that time is of the essence in the substantial completion of the Work, and that failure to substantially complete the Work within the designated period, or as it may be extended, shall be construed as a material breach of this Agreement.
- B. Should the Contractor default on its obligations to make progress and complete the Work on time, as allowed in the Contract Documents, the Owner may withhold, deduct, or recover from the Contractor all costs and damages for compensable delay caused by the Contractor from the Contract Price. Such costs shall include any professional or consultant's fees (including but not limited to fees for attorneys, architects, engineers, and construction managers), and all other costs, expenses, and damages actually incurred by the Owner as a result of such delay. The Owner's delay damages may be incidental to and not directly associated with the Project.
- C. Timely final completion is an essential condition of this Contract. The Contractor agrees to achieve final completion of the Work within 30 days of the designated or extended Substantial Completion date. The date of Substantial Completion shall be fixed by this Agreement, unless modified by Change Order, and memorialized by a Certificate of Substantial Completion as provided in the General Conditions.

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4.04 *Special Damages*

A. In addition to damages for delay addressed in Paragraph 4.03, the Contractor shall reimburse the Owner (1) for any fines or penalties imposed on the Owner as a direct result of the Contractor's failure to attain Substantial Completion according to the Contract Times, and (2) for the actual costs reasonably incurred by the Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Substantial Completion (as duly adjusted pursuant to the Contract), until the Work is substantially complete.

B. After the Contractor achieves Substantial Completion, if the Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times, the Contractor shall reimburse the Owner for the actual costs reasonably incurred by the Owner for engineering, construction observation, inspection, and administrative services needed after the time specified in Paragraph 4.02 for Work to be completed and ready for final payment (as duly adjusted pursuant to the Contract), until the Work is completed and ready for final payment.

C. The remedies contained in this Article 4 are not exclusive and shall be cumulative to other remedies provided to the Owner in the event of default or breach by the Contractor.

ARTICLE 5 - CONTRACT PRICE

5.01 The Owner shall pay the Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:

A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item) for each Work Order. The Unit Price Work will be paid at the prices stated in the Contractor's Proposal Form, attached hereto and incorporated herein as Exhibit A.

B. The Extended Prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 11.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by the Owner's Representative.

C. Total amount for all aggregate Unit Price Work under the Contract shall not exceed the Total Annual Value Limit of six hundred thousand dollars (\$600,000) for the initial term and not to exceed three million dollars (\$3,000,000) for the entire term of the Contract subject to renewal by the parties in accordance with Paragraph 4.02.

ARTICLE 6 - PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. The Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 Progress Payments; Retainage

A. The Owner shall make progress payments on account of the Contract Price on the basis of the Contractor's Applications for Payment within 30-days of NBU's acceptance of the payment application:

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- 1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or the Owner may withhold, including but not limited to set-offs and other damages, in accordance with Paragraph 14.02 of the General Conditions:
 - a. 95% (percent) of Work completed.
 - b. 95% (percent) of cost of materials and equipment not incorporated in the Work.

6.03 Final Payment

A. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, the Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 14.07.

ARTICLE 7 – CONTRACTOR'S REPRESENTATIONS

- **7.01** To induce the Owner to enter into this Agreement, the Contractor makes the following representations:
- A. The Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
- B. The Contractor has become familiar with and is satisfied as to the general and local conditions that may affect cost, progress, and performance of the Work.
- C. The Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. The Contractor has obtained and carefully studied (or assumes responsibility for doing so) all examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site, if any, which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by the Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto.
- E. The Contractor does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- F. The Contractor is aware of the general nature of work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- G. The Contractor has correlated the information known to the Contractor, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- H. The Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that the Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to the Contractor.

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I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

ARTICLE 8 - MISCELLANEOUS

8.01 *Terms*

A. Terms used in this Agreement will have the meanings stated in the General Conditions.

8.02 Assignment of Contract

A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents. Should an assignment occur, the terms of this provision survive and control any further assignment by an assignee.

8.03 Successors and Assigns

A. The Owner and the Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

8.04 *Severability*

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Owner and the Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

8.05 *Governing Law*

A. The Contract shall be governed by the law of the state of Texas without regard to its conflict of law principles.

8.06 *Venue*

A. This Agreement is entered into and performed in Comal County, Texas, and the Contractor and the Owner agree that mandatory venue for any legal action related to this contract shall be in the District Courts of Comal County, Texas.

8.07 Prohibition on Contracts with Companies Boycotting Israel

A. The Contractor hereby verifies that it and its parent company, wholly-or majority owned subsidiaries, and other affiliates, if any, does not boycott Israel and, to the extent this Agreement is a contract for goods or services, will not boycott Israel during the term of this Agreement as described in Chapter 2271 of the Texas Government Code, as amended. The foregoing verification is made solely to comply with Chapter

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2271.002 of the Texas Government Code, as amended, and to the extent such Section does not contravene applicable federal and State law. As used in the foregoing verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes. The Contractor understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Contractor and exists to make a profit.

8.08 Contracts with Companies Engaged in Business with Iran, Sudan or Foreign Terrorist Organizations Prohibited

A. The Contractor represents that neither it nor any of its parent company, wholly-or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, as amended, and posted on any of the following pages of such officer's internet website:

https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf, https://comptroller.texas.gov/purchasing/docs/iran-list.pdf, or https://comptroller.texas.gov/purchasing/docs/fto-list.pdf.

B. The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, as amended, and to the extent such Section does not contravene applicable federal or State law and excludes the Contractor and each of its parent company, wholly-or majority-owned subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The Contractor understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Contractor and exists to make a profit.

8.09 *Electronic Signatures*

A. Pursuant to Chapter 322 of the Texas Business and Commerce Code, as amended, the parties agree to the use of electronic signatures herein and that the use of an electronic signature, whether digital or encrypted, is intended to have the same force and effect as a manual signature. Electronic signature means any electronic sound, symbol or process attached to or logically associated with a record and executed and adopted by a party with the intent to sign such record, including facsimile or e-mail electronic signatures. Each party further agrees that if it agrees to conduct a transaction by electronic means in this Agreement, it may refuse to conduct other transactions by electronic means and that such right may not be waived by this Agreement.

8.10 Texas Public Information Act

A. The Contractor recognizes that this Project is publicly owned, and the Owner is subject to the disclosure requirements of the Texas Public Information Act (the "TPIA"). As part of its obligations within the Contract Documents, the Contractor agrees, at no additional cost to the Owner, to cooperate with the Owner for any particular needs or obligations arising out of the Owner's obligations under the TPIA. This acknowledgement and obligation are in addition to and complimentary to the Owner's audit rights.

B. This provision applies if the Agreement has a stated expenditure of at least \$1 million in public funds for the purchase of goods or services by the Owner or results in the expenditure of at least \$1 million in public funds for the purchase of goods or services by the Owner in a fiscal year of NBU (the Owner).

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C. The Contractor must (1) preserve all contracting information related to the Agreement as provided by the records retention requirements applicable to the Owner for the duration of the Agreement; (2) promptly provide to the Owner any contracting information related to the Agreement that is in the custody or possession of the Construction Manager on request of the Owner; and (3) on completion of the Agreement, either:

- i. provide at no cost to the Owner all contracting information related to the Agreement that is in the custody or possession of the Contractor; or
- ii. preserve the contracting information related to the Agreement as provided by the records retention requirements applicable to the Owner.

D. The requirements of Subchapter J, Chapter 552, Texas Government Code, may apply to this Agreement and the Contractor agrees that the Agreement can be terminated if the Contractor knowingly or intentionally fails to comply with a requirement of that subchapter.

ARTICLE 9 - INSURANCE

9.01 Evidence of the Contractor's Insurance

A. When the Contractor delivers the executed counterparts of the Agreement to Owner, the Contractor shall also deliver to the Owner, with copies to each named insured and additional insured, the certificates and other evidence of insurance required to be provided by the Contractor in accordance with the Insurance Rider that is Exhibit A to the General Conditions. Evidence of insurance is attached as Exhibit D to this Agreement.

Exhibit A – Contractor's Proposal Form

Exhibit B - Work Order

Exhibit C – Work Order Summary

Exhibit D – Evidence of Insurance

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IN WITNESS WHEREOF, the Owner and the Contractor have signed this Agreement in duplicate. One counterpart each has been delivered to the Owner and the Contractor. All portions of the Contract Documents have been signed or identified by the Owner and the Contractor or on their behalf.

This Agreement will be effective on,	(which is the Effective Date of the Agreement).
OWNER:	CONTRACTOR:
By:	By:
Printed Name:	Printed Name:
Title:	Title:
[CORPORATE SEAL]	[CORPORATE SEAL]
Attest:	Attest:
Title:	Title:
Address for giving notices:	Address for giving notices:
New Braunfels Utilities - Attn: Ryan Kelso	PGC General Contractors, LLC
263 Main Plaza	915 Dalton Lane
New Braunfels, Texas 78130	Austin, Texas 78742
(If the Owner is a corporation, attached evidence of	License No.:(Where Applicable)
authority to sign. If the Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of Owner-Contractor Agreement.)	Agent for service or process:
	(If the Contractor is a corporation or a partnership, attach evidence or authority to sign.)

END OF DOCUMENT

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New Braunfels Utilities 355 FM 306 New Braunfels, TX 78130

PROJECT: Water and Wastewater Repair and Replacement Annual Unit Price Contract

- 1. The undersigned BIDDER proposes and agrees, if this Proposal is accepted, to enter into an agreement with New Braunfels Utilities (NBU) in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Proposal and in accordance with the other terms and conditions of the Contract Documents.
- 2. BIDDER accepts all the terms and conditions of the Request for Proposal and Instructions to Bidders. This Proposal will remain subject to acceptance for ninety (90) days after the day of Proposal opening. BIDDER will sign and submit the Agreement with the Bonds and other Documents required by the Bidding Requirements within ten (10) days after the date of NBU's Notice of Award.
- 3. In submitting this Proposal, BIDDER represents, as more fully set forth in the Agreement, that:
 - a) BIDDER has examined copies of all the Proposal Documents and of all addenda.
 - b) BIDDER has familiarized themselves with the nature and extent of the Contract Documents, 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.
 - c) BIDDER has given OWNER written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by OWNER is acceptable by BIDDER.
 - d) The Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Proposal; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over NBU.
- 4. BIDDER will complete work for the following prices:

THE FOLLOWING UNIT PRICES AND ESTIMATED QUANTITY RANGES WILL BE USED FOR THE PURPOSE OF COMPARISON AND EVALUATION OF PROPOSALS. THE ACTUAL AMOUNT OF QUANTITIES USED WILL BE BASED ON WORK ORDERS ISSUED TO THE SELECTED VENDOR. THE TOTAL ANNUAL VALUE LIMIT OF THE ANNUAL UNIT PRICE CONTRACT IS NOT TO EXCEED SIX HUNDRED THOUSAND DOLLARS (\$600,000).

Water and Wastewater Repair and Replacement Annual Unit Price Contract

See attached Excel Spreadsheet per Addendum #1

#	SPEC. REF.	ITEM DESCRIPTION	UNIT	EST. QTY RANGE	UNIT PRICE
1	102	CLEARING & GRUBBING	AC	0-5	
2	130	CLASS A (SELECT BORROW), PLAN QUANTITY	CY	0-200	
3	130	CLASS C (TOPSOIL), PLAN QUANTITY	CY	0-200	
4	210	FLEXIBLE BASE	CY	0-100	
5	220	SPRINKLING FOR DUST CONTROL (WATER)-PER 1000 GALLON UNIT	1000 GAL	0-10	
6	403	CLASS A CONCRETE STRUCTURE OR STRUCTURAL COMPONENT	CY	0-50	

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7	403	CLASS B CONCRETE STRUCTURE OR STRUCTURAL COMPONENT	CY	0-50	
8	403	CLASS C CONCRETE STRUCTURE OR STRUCTURAL COMPONENT		0-50	
9	501	JACKING OR BORING 20-IN DIA STEEL PIPE, ASTM A-134 3/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	
10	501	JACKING OR BORING 24-IN DIA STEEL PIPE, ASTM A-134 3/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	
11	501	JACKING OR BORING 30-IN DIA STEEL PIPE, ASTM A-134 1/2- IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	
12	501	JACKING OR BORING 36-IN DIA STEEL PIPE, ASTM A-134 5/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	
13	504	REPOSITIONING & ADJUSTING WATER METERS AND BOXES	EA	0-10	
14	504	ADJUSTING WATER METERS AND BOXES	EA	0-10	
15	504	ADJUSTING WATER VALVE BOXES TO GRADE	EA	0-10	
16	506	STANDARD PRE-CAST MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	
17	506	STANDARD PRECAST MANHOLE W/CIP BASE, 48" DIA.	EA	0-10	
18	506	DROP (INTERIOR) MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	
19	506	DROP (INTERIOR) MANHOLE W/CIP BASE, 48 DIA.	EA	0-10	
20	506	DROP (EXTERIOR) MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	
21	506	DROP (EXTERIOR) MANHOLE W/CIP BASE, 48 DIA.	EA	0-10	
22	506	MAJOR MANHOLE HEIGHT ADJUSTMENT, 48" DIA	EA	0-10	
23	506	MINOR MANHOLE HEIGHT ADJUSTMENT, 48" DIA	EA	0-10	
24	506	ABANDONMENT OF EXISTING MANHOLE, 48" DIA	EA	0-10	
25	506	EXTRA DEPTH OF MANHOLE, 48" DIA.	VF	0-10	
26	506	INTERIOR STRUCTURAL SURFACE COATING AND REPAIR OF 48" DIA MANHOLE	VF	0-200	
27	506	INTERIOR SURFACE PROTECTIVE COATING OF 48" DIA MANHOLE	VF	0-200	
28	509	TRENCH EXCAVATION SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	LF	0-5000	
29	510	PIPE, 8" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	
30	510	PIPE, 12" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	
31	510	PIPE, 16" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	
32	510	PIPE, 18" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	
33	510	PIPE, 20" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	
34	510	PIPE, 24" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S- 1)	LF	0-100	

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35	510	PIPE, 4 DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
36	510	PIPE, 6" DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
37	510	PIPE, 8" DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
38	510	PIPE, 12" DIA. PVC,DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
39	510	PIPE, 14" DIA., PVC DR18 C900, ALL DETPHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	
40	510	PIPE, 16 DIA. PVC DR18 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
41	510	PIPE, 18 DIA. PVC DR18 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
42	510	PIPE, 16 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
43	510	PIPE, 18 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
44	510	PIPE, 20 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
45	510	PIPE, 24 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
46	510	PIPE, 30 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
47	510	PIPE, 36 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	
48	510	DUCTILE IRON FITTINGS	TON	0-10	
49	510	PRESSURE TAPS 1-IN DIA X 6-IN TO 12-IN	EA	0-5	
50	510	PRESSURE TAPS 1.5-IN DIA X 6-IN TO 12-IN	EA	0-5	
51	510	PRESSURE TAPS 2-IN DIA X 6-IN TO 12-IN	EA	0-5	
52	510	PRESSURE TAPS 6-IN DIA X 6-IN TO 12-IN	EA	0-5	
53	510	PRESSURE TAPS 8-IN DIA X 6-IN TO 12-IN	EA	0-5	
54	510	PRESSURE TAPS 2-IN DIA X 16-IN TO 24-IN	EA	0-5	
55	510	PRESSURE TAPS 6-IN DIA X 16-IN TO 24-IN	EA	0-5	
56	510	PRESSURE TAPS 8-IN DIA X 16-IN TO 24-IN	EA	0-5	
57	510	PRESSURE TAPS 12-IN DIA X 16-IN TO 24-IN	EA	0-5	
58	510	PRESSURE TAPS 2-IN DIA X 16-IN TO 24-IN. CSC	EA	0-5	
59	510	PRESSURE TAPS 6-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	
60	510	PRESSURE TAPS 8-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	
61	510	PRESSURE TAPS 12-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	
62	510	WET CONNECTIONS, 6 DIA	EA	0-10	
63	510	WET CONNECTIONS, 8 DIA	EA	0-10	
64	510	WET CONNECTIONS, 12 DIA	EA	0-10	
65	510	WET CONNECTIONS, 16 DIA	EA	0-10	
66	510	WET CONNECTIONS, 18 DIA	EA	0-2	
67	510	WET CONNECTIONS, 20 DIA	EA	0-2	
68	510	WET CONNECTIONS, 24 DIA	EA	0-2	
69	510	WET CONNECTIONS, 18 DIA, CSC	EA	0-2	
70	510	WET CONNECTIONS, 24 DIA, CSC	EA	0-2	
		/=:=:9 ===	1		l

71	510	WET CONNECTIONS, 30 DIA, CSC	EA	0-2	
72	510	WET CONNECTIONS, 36 DIA, CSC	EA	0-2	
73	510	WET CONNECTIONS, 8-IN DIA X 6-IN DIA, CUT-IN TEE	EA	0-2	
74	510	WET CONNECTIONS, 8-IN DIA X 8-IN DIA, CUT-IN TEE	EA	0-2	
75	510	WET CONNECTIONS, 12-IN DIA X 8-IN DIA, CUT-IN TEE	EA	0-2	
76	510	WET CONNECTIONS, 12-IN DIA X 12-IN DIA, CUT-IN TEE	EA	0-2	
77	510	WET CONNECTIONS, 12-IN DIA X 8-IN DIA, CUT-IN TEE	EA	0-2	
78	510	WET CONNECTIONS, 16-IN DIA X 16-IN DIA, CUT-IN TEE	EA	0-2	
79	510	WET CONNECTIONS, 18-IN DIA X 18-IN DIA, CUT-IN TEE	EA	0-2	
80	510	WET CONNECTIONS, 20-IN DIA X 20-IN DIA, CUT-IN TEE	EA	0-2	
81	510	WET CONNECTIONS, 24-IN DIA X 24-IN DIA, CUT-IN TEE	EA	0-2	
82	510	PIPE, 6" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
83	510	PIPE, 8" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
84	510	PIPE, 10" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
85	510	PIPE, 12" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
86	510	PIPE, 15" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
87	510	PIPE, 18" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
88	510	PIPE, 21" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
89	510	PIPE, 24" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	
90	510	PIPE, 6" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	
91	510	PIPE, 8" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	
92	510	PIPE, 10" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	
93	510	PIPE, 12" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	
94	510	PIPE, 15" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	
95	510	PIPE, 18" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	
96	510	PIPE, 21" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	
97	510	PIPE, 24" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	
98	602	BERMUDA BLOCK SODDING	SY	0-200	
99	602	ST. AUGUSTINE BLOCK SODING	SY	0-200	
100	602	BERMUDA MULCH SODDING	SY	0-200	
101	602	GRASS SODING	SY	0-200	
102	604	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, HYDRAULIC PLANTING	SY	0-500	

103	604	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, BROADCAST PLANTING	SY	0-1000	
104	604	MULCH	SY	0-500	
105	605	SOIL RETENTION BLANKET CLASS 1; TYPE A	SY	0-100	
106	605	SOIL RETENTION BLANKET CLASS 1; TYPE B	SY	0-100	
107	605	SOIL RETENTION BLANKET CLASS 1; TYPE C	SY	0-100	
108	605	SOIL RETENTION BLANKET CLASS 1; TYPE D	SY	0-100	
109	620	FILTER FABRIC	SY	0-100	
110	632	STORM INLET SEDIMENT TRAP	CF	0-100	
111	639	ROCK BERM	LF	0-20	
112	642	SILT FENCE FOR EROSION CONTROL	LF	0-2000	
113	SP402	CONTROLLED LOW STRENGTH MATERIAL, FAST SETTING, TO BE USED IN LIEU OF EXCAVATED TRENCH MATERIAL, INCLUDING DISPOSAL OF EXCAVATED MATERIAL	CY	0-100	
114	SP402	CONTROLLED LOW STRENGTH MATERIAL, NORMAL SETTING, TO BE USED IN LIEU OF EXCAVATED TRENCH MATERIAL, INCLUDING DISPOSAL OF EXCAVATED MATERIAL	CY	0-100	
115	SP430	P.C. CONCRETE CURB & GUTTER	LF	0-200	
116	SP430	P.C. CONCRETE CURB	LF	0-200	
117	SP430	P.C. CONCRETE LAYDOWN CURB	LF	0-200	
118	SP432	NEW P.C. CONCRETE SIDEWALKS, 4 INCH THICKNESS	SF	0-250	
119	SP432	RECONSTRUCT CONCRETE SIDWALKS TO 4" THICKNESS, INLCUDING REMOVAL OF EXISTING SIDEWALK	SF	0-250	
120	SP432	P.C. SIDEWALK ADA CURB RAMP 4' MIN PER ST-019	EA	0-10	
121	SP432	P.C. SIDEWALK ADA CURB RAMP 5' MIN PER ST-019	EA	0-10	
122	SP505	CONCRETE ENCASEMENT (CLASS D), ALL PIPE SIZES, COMPLETE IN PLACE	CY	0-100	
123	SP506	EXTERNAL WATERPROOFING MANHOLE JOINT 48"	EA MJ	0-20	
124	SP510	AS-BUILT SURVEY	EA PT	0-500	
125	SP510	GROUTING ABANDONED LINES, ALL SIZES, EXCLUDING EXCAVATION AND BACKFILL	CY	0-100	
126	SP510	ABANDON EXISTING LINES BY CUTTING AND PLUGGING, ALL SIZES, EXCLUDING EXCAVATION AND BACKFILL	EA	0-5	
127	SP510	INSTALLATION OF 6" DIA SDR26 PVC SERVICE LATERAL, INCLUDING TEE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-200	
128	SP510	INSTALLATION OF 6" DIA SDR26 PVC 2-WAY CLEANOUT, EXCLUDING EXCAVATION AND BACKFILL	EA	0-10	
129	SP510	CSC PIPE PATCH, COMPLETE IN PLACE	EA	0-5	
130	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 6-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	
131	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 8-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	
132	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 12-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	

ING WET CONNECTION, PE, EXCLUDING	LF	0-20	
PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 18-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL		0-20	
	LF	0-100	
	LF	0-100	
PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 12-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL		0-100	
	LF	0-100	
PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 18-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL		0-32	
,	LF	0-32	
PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 24-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL		0-32	
	LF	0-32	
	PE, EXCLUDING PE, EXCLUDING EXCAVATION PE, EXCLUDING EXCAVATION PE, EXCLUDING EXCAVATION PE, EXCLUDING EXCAVATION PING WET CONNECTION, PIPE, EXCLUDING PING WET CONNECTION, PIPE, EXCLUDING	PE, EXCLUDING ING WET CONNECTION, EXCLUDING EXCAVATION ING WET CONNECTION, PIPE, EXCLUDING ING WET CONNECTION, PIPE, EXCLUDING	PE, EXCLUDING PE, EXCLUDING PE, EXCLUDING PE, EXCLUDING PING WET CONNECTION, PE, EXCLUDING PE, EXCLUDING

150	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION.	LF	0-32	
100	G1 010	36-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL		0 02	
151	SP510	20-IN STEEL MANWAY, INSTALL 20-IN TO 36-IN CSC PIPE	EA	0-1	
153	SP510	20-IN TAPPED MANWAY ON CSC PIPE, FULL BODY TAPPING SLEEVE (NO TAPPING VALVE), 20-IN TO 36-IN CSC PARENT PIPE	EA	0-1	
154	SP510	WELDING OVER FOUR (4) LINEAR FEET	LF	0-10	
155	SP510	WATER SERVICE REPLACMENT, SINGLE SERVICES 1-IN SERVCE X 6-IN TO 12-IN WATER MAIN	EA	0-4	
156	SP510	WATER SERVICE REPLACMENT, DOUBLE SERVICES 1.5-IN SERVCE X 6-IN TO 12-IN WATER MAIN	EA	0-4	
157	SP510	INSTALL NEW SINGLE METER BOX	EA	0-4	
158	SP510	INSTALL NEW DOUBLE METER BOX	EA	0-4	
159	SP510	1-INCH JUMPER HOSE	LF	0-50	
160	SP510	2-INCH JUMPER HOSE	LF	0-50	
161	SP510	VIDEO INSPECTION OF PIPING INCLUDING CLEANING	LF	0-200	
162	SP510	VIDEO INSPECTION OF PIPING EXCLUDING CLEANING	LF	0-200	
163	SP510	CLEANING OF EXISTING PIPE, 2000 PSI AT 45 GPM	LF	0-200	
164	SP511	FIRE HYDRANTS, NOT INCLUDING REMOVAL OF EXISTING FIRE HYDRANT, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
165	SP511	AUTOMATICE COMBINATION AIR/VACUUM RELEASE VALVE EA ASSEMBLY, 1-IN DIA		0-2	
166	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY, 2-IN DIA	EA	0-2	
167	SP511	FIRE HYDRANT BARREL EXTENSIONS	VF	0-10	
168	SP511	FIRE HYDRANT REMOVAL, INCLUDING REMOVAL AND DISPOSAL OF FIRE HYDRANT	EA	0-2	
169	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE REMOVAL 1-IN DIA	EA	0-2	
170	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE REMOVAL, 2-IN DIA	EA	0-2	
171	SP511	PERMANENT INSERTABLE VALVE, 6-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
172	SP511	PERMANENT INSERTABLE VALVE, 8-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
173	SP511	PERMANENT INSERTABLE VALVE, 12-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
174	SP511	PERMANENT INSERTABLE VALVE, 16-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
175	SP511	FIELD INSPECTION & MEASUREMENT	DAY	0-4	
176	SP511	VALVE REMOVAL, 4-IN TO 12-IN	EA	0-6	
177	SP511	VALVE REMOVAL, 16-IN TO 24-IN	EA	0-4	
178	SP511	VALVE REMOVAL, 30-IN TO 36-IN	EA	0-1	
179	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 6-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	
180	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 8-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	

			EA		
181	SP511	SP511 GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 12-IN DIA, EXCLUDING EXCAVATION AND BACKFILL		0-4	
182	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 16-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	
183	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 18-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
184	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 20-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
185	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 24-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
186	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 30-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-1	
187	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 36-IN DIA, EXCLUDING EXCAVATION AND BACKFILL		0-1	
188	SP511	VALVE ABANDONMENT	EA	0-6	
189	SP610	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION-HIGH DAMAGE POTENTIAL)	LF	0-200	
190	SP610	PROTECTIVE FENCING TYPE B WOOD FENCE (TYPICAL LF APPLICATION-HIGH DAMAGE POTENTIAL)		0-100	
191	SP610	TREE TRUNK PROTECTION, WOOD PLANKING	EA	0-5	
192	SP610	REMOVAL OF EXISTING TREES	EA	0-20	
193	SP703	BARRICADES, SIGNS, AND TRAFFIC HANDLING	DAY	0-40	
194	SS104	REMOVE P.C. CONCRTE CURB	LF	0-50	
195	SS104	REMOVE P.C. CONCRETE SLAB	SF	0-500	
196	SS104	REMOVE P.C. CONCRETE SIDEWALKS & DRIVEWAYS	SF	0-500	
197	SS104	REMOVE P.C. CONCRETE WALL	CY	0-20	
198	SS104	REMOVE P.C. CONCRETE STEPS	SF	0-400	
199	SS104	REMOVE P.C. CONCRETE FOUNDATIONS	SF	0-400	
200	SS111	EXCAVATION (SITE) WORK	CY	0-100	
201	SS111	DISPOSAL OF MATERIALS (SITE WORK)	CY	0-100	
202	SS315	SURFACE MILLING	SY	0-200	
203	SS315	TRANSITION MILLING	SY	0-50	
204	SS315	EDGE MILLING	SY	0-50	
205	SS340	COLD MIX ASPHALTIC CONCRETE (FOR TEMP, TRENCH REPAIR)	TN	0-10	
206	SS641	STABILIZED CONSTRUCTION ENTRANCE	EA	0-5	
207	SS701	CHAIN LINK FENCE - 8 FOOT HIGH	LF	0-200	
208	SS701	WOOD FENCE - 8 FOOT HIGH	LF	0-200	
209	SS701	CHAIN LINK PEDESTRIAN SINGLE SWING GATE, 3FT X 8FT	EA	0-2	
210	SS701	CHAIN LINK VEHICULAR DOUBLE SWING GATE, 8FT X 13FT	EA	0-2	
211	SS701	CHAIN LINK VEHICULAR SINGLE SWING GATE, 8FT X 10FT	EA	0-2	
212	SS701	MOWING STRIP	LF	0-400	

213	SS701	SECURITY FENCE, 8FOOT HIGH, TYPE CHAIN LINK	LF	0-400	
214	SS704	SAFETY FENCING	LF	0-500	
215	SS02225	EXCAVATION	CY	0-10000	
216	SS02225	BACKFILL	CY	0-10000	
217	SS02225	GENERAL POTHOLING	DAY	0-20	
218	SS02225	EXCAVATION IN ROCK	CY	0-1000	
219	SS02225	DEWATERING PUMP, MUFFLED, 4-INCH	DAY	0-5	
220	SS02225	DEWATERING PUMP, MUFFLED, 6-INCH	DAY	0-5	
221	SS02225	DEWATERING PUMP, MUFFLED, 8-INCH	DAY	0-3	
222	SS02553	LICENSED PLUMBER MOBILIZATION ALLOWANCE PER PRIVATE LATERAL RELOCATION, INLCUDING OBTAINING PLUMBING PERMIT, & INSPECTION FEES	EA	0-3	
223	SS02553	PRIVATE LATERAL RELOCATION BY LICENSED PLUMBER, MINIMUM PAYMENT IS 30 LINEAR FEET, COMPLETE IN PLACE	LF	0-90	
224	SS02553	INVESTIGATION WORK BY CONTRACTOR USING CONTRACTOR FURNISHED MINI CAMERA AND DYE WITH OWNER PRESENT	HR	0-10	
225	SS02614	TEMPORARY WATERLINE STOP, 6-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, , EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
226	SS02614	TEMPORARY WATERLINE STOP, 8-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
227	SS02614	TEMPORARY WATERLINE STOP, 12-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
228	SS02614	TEMPORARY WATERLINE STOP, 16-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
229	SS02614	TEMPORARY WATERLINE STOP, 18-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
230	SS02614	TEMPORARY WATERLINE STOP, 20-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
231	SS02614	TEMPORARY WATERLINE STOP, 24-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
232	SS02614	TEMPORARY WATERLINE STOP, 18-IN DIA, CSC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
233	SS02614	TEMPORARY WATERLINE STOP, 20-IN DIA, CSC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
234	SS02614	TEMPORARY WATERLINE STOP, 24-IN DIA, CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	
235	SS02614	TEMPORARY WATERLINE STOP, 30-IN DIA,CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	

236	SS02614	TEMPORARY WATERLINE STOP, 36-IN DIA,CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2		
237	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS , 6-IN TO 12-INCH DIA, DI, CI, OR PVC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL				
238	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS , 16-IN TO 24-INCH DIA, DI, CI, OR PVC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL	DAY	0-4		
239	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS, 18-IN TO 36-INCH CSC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL	DAY	0-4		
240	SS01540	TWO ATTENDANTS TO MONITOR BY-PASS PUMPING OPERATION WHEN NO OTHER WORK IS OCCURRING ONSITE, COMPLETE & IN PLACE	HR	0-200		
241	SS01540	BY-PASS PUMPING FOR LINES 8" DIA.	CD	0-20		
242	SS01540	BY-PASS PUMPING FOR LINES 12" DIA.	CD	0-20		
243	SS01540	BY-PASS PUMPING FOR LINES 15" TO 18" DIA.	CD	0-20		
244	SS01540	BY-PASS PUMPING FOR LINES 20" TO 24" DIA.	CD	0-10		
245	CoNB	P.C. CONCRETE DRIVEWAY RESIDENTAIL PER ST-0141	SY	0-250		
246	CoNB	P.C. CONCRETE DRIVEWAY COMMERCIA PER ST-0151	SY	0-250		
247	CoNB	HOT MIX ASPHALT, TYPE C, TxDOT 340, PER CITY DETAIL ST-100	TON	0-20		
248	CoNB	HOT MIX ASPHALT, TYPE D, TXDOT 340, PER CITY DETAIL ST-100	TON	0-20		
249	CoNB	HOT MIX ASPHALT, TYPE B, TXDOT 340, HOT LAY BLACK BASE PER CITY DETAIL ST-100	TON	0-20		
250	CoNB	12" CONCRETE PAVEMENT, TxDOT 360	SY	0-500		
251	CoNB	12" CONCRETE PAVEMENT, TXDOT 360 (HIGH EARLY STRENGTH)	SY	0-500		
	ALLOWANCE-I	MOBILIZATION			\$	45,000.00
	ALLOWANCE-TRAFFIC HANDLING				\$	30,000.00

5. BIDDER agrees that the Work will be substantially complete and ready for final payment in accordance with paragraph 14.07 of the General Conditions within the calendar days indicated in the Agreement. BIDDER.

6. Communication concerning this Proposal shall be addressed to:

New Braunfels Utilities Purchasing Manager 355 FM 306,

New Braunfels, TX 78130 Phone: 830-608-8867

Email: Purchasing@NBUTexas.com

7.				the General Conditions of the Construction to the meanings assigned to them in the General
8	The undersigned acknowle	edges receipt of the	e following	addenda:
	Addendum No. 1 dated	1	Received	3/18/2021
	Addendum No. 2 dated		Received	
	Addendum No. 3 dated		Received _	
				PGC General Contractors, LLC
Secr	etary, *if bidder is a corpor	ation		Company Name of Bidder
				Authorized Signature
(Sea	1)			Authorized Signature
				3/25/2021
				Date
				Adrian Figer
				Printed Name of Authorized Signature
	y of Corporate Resolution a			915 Dalton Lane
	ficate of officer of bidder as atory to bind bidder is to be			Austin, TX 78742
no ea	arlier than one week before hed to this document			Address
				512-389-1005 / 512-389-1000
				Telephone Number/Fax Number

END OF DOCUMENT

Rev. 11/09/2020 Page 11 Proposal Form

02588 Attachment F Bid Item List Addendum 1

THE FOLLOWING UNIT PRICES AND ESTIMATED QUANTITY RANGES WILL BE USED FOR THE PURPOSE OF COMPARISON AND EVALUATION OF PROPOSALS. THE ACTUAL AMOUNT OF QUANTITIES USED WILL BE BASED ON WORK ORDERS ISSUED TO THE SELECTED VENDOR. THE TOTAL ANNUAL VALUE LIMIT OF THE ANNUAL UNIT PRICE CONTRACT IS NOT TO EXCEED SIX HUNDRED THOUSAND DOLLARS (\$600,000).

Water and Wastewater Repair and Replacement Annual Unit Price Contract

Type only in Column F, Unit Price

#	SPEC. REF.	ITEM DESCRIPTION	UNIT	EST. QTY RANGE	UNIT PRICE
1	102	CLEARING & GRUBBING	AC	0-5	5000
2	130	CLASS A (SELECT BORROW), PLAN QUANTITY	CY	0-200	70
3	130	CLASS C (TOPSOIL), PLAN QUANTITY	CY	0-200	80
4	210	FLEXIBLE BASE	CY	0-100	85

5	220	SPRINKLING FOR DUST CONTROL (WATER)-PER 1000 GALLON UNIT	1000 GAL	0-10	50
6	403	CLASS A CONCRETE STRUCTURE OR STRUCTURAL COMPONENT	CY	0-50	325
7	403	CLASS B CONCRETE STRUCTURE OR STRUCTURAL COMPONENT	CY	0-50	325
8	403	CLASS C CONCRETE STRUCTURE OR STRUCTURAL COMPONENT	CY	0-50	325
9	501	JACKING OR BORING 20-IN DIA STEEL PIPE, ASTM A-134 3/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	650
10	501	JACKING OR BORING 24-IN DIA STEEL PIPE, ASTM A-134 3/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	750
11	501	JACKING OR BORING 30-IN DIA STEEL PIPE, ASTM A-134 1/2-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S-1)	LF	0-100	975
12	501	JACKING OR BORING 36-IN DIA STEEL PIPE, ASTM A-134 5/8-IN THICKNESS, EXCLUDING CARRIER PIPE, EXCAVATION, AND BACKFILL FOR BORE PITS (501S- 1)	LF	0-100	1500
13	504	REPOSITIONING & ADJUSTING WATER METERS AND BOXES	EA	0-10	1200
14	504	ADJUSTING WATER METERS AND BOXES	EA	0-10	600
15	504	ADJUSTING WATER VALVE BOXES TO GRADE	EA	0-10	600
16	506	STANDARD PRE-CAST MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	650
17	506	STANDARD PRECAST MANHOLE W/CIP BASE, 48" DIA.	EA	0-10	750
18	506	DROP (INTERIOR) MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	8000

19	506	DROP (INTERIOR) MANHOLE W/CIP BASE, 48 DIA.	EA	0-10	7200
20	506	DROP (EXTERIOR) MANHOLE W/PRE-CAST BASE, 48" DIA.	EA	0-10	7400
21	506	DROP (EXTERIOR) MANHOLE W/CIP BASE, 48 DIA.	EA	0-10	6500
22	506	MAJOR MANHOLE HEIGHT ADJUSTMENT, 48" DIA	EA	0-10	1100
23	506	MINOR MANHOLE HEIGHT ADJUSTMENT, 48" DIA	EA	0-10	500
24	506	ABANDONMENT OF EXISTING MANHOLE, 48" DIA	EA	0-10	7700
25	506	EXTRA DEPTH OF MANHOLE, 48" DIA.	VF	0-10	850
26	506	INTERIOR STRUCTURAL SURFACE COATING AND REPAIR OF 48" DIA MANHOLE	VF	0-200	550
27	506	INTERIOR SURFACE PROTECTIVE COATING OF 48" DIA MANHOLE	VF	0-200	450
28	509	TRENCH EXCAVATION SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	LF	0-5000	5
29	510	PIPE, 8" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	180
30	510	PIPE, 12" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	195
31	510	PIPE, 16" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	350
32	510	PIPE, 18" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	375

33	510	PIPE, 20" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	450
34	510	PIPE, 24" DIA. DUCTILE IRON RESTRAINED (SPL WW-27A), CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	525
35	510	PIPE, 4 DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	45
36	510	PIPE, 6" DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	90
37	510	PIPE, 8" DIA. PVC DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	105
38	510	PIPE, 12" DIA. PVC,DR14 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	125
39	510	PIPE, 14" DIA., PVC DR18 C900, ALL DETPHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	130
40	510	PIPE, 16 DIA. PVC DR18 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	160
41	510	PIPE, 18 DIA. PVC DR18 C900, ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	195
42	510	PIPE, 16 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	200
43	510	PIPE, 18 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	210
44	510	PIPE, 20 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	220
45	510	PIPE, 24 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	275
46	510	PIPE, 30 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	350

47	510	PIPE, 36 DIA. DUCTILE IRON ALL DEPTHS, EXCLUDING EXCAVTION & BACKFILL	LF	0-200	425
48	510	DUCTILE IRON FITTINGS	TON	0-10	15000
49	510	PRESSURE TAPS 1-IN DIA X 6-IN TO 12-IN	EA	0-5	1700
50	510	PRESSURE TAPS 1.5-IN DIA X 6-IN TO 12-IN	EA	0-5	2200
51	510	PRESSURE TAPS 2-IN DIA X 6-IN TO 12-IN	EA	0-5	2800
52	510	PRESSURE TAPS 6-IN DIA X 6-IN TO 12-IN	EA	0-5	18200
53	510	PRESSURE TAPS 8-IN DIA X 6-IN TO 12-IN	EA	0-5	22000
54	510	PRESSURE TAPS 2-IN DIA X 16-IN TO 24-IN	EA	0-5	5000
55	510	PRESSURE TAPS 6-IN DIA X 16-IN TO 24-IN	EA	0-5	25000
56	510	PRESSURE TAPS 8-IN DIA X 16-IN TO 24-IN	EA	0-5	27000
57	510	PRESSURE TAPS 12-IN DIA X 16-IN TO 24-IN	EA	0-5	30000
58	510	PRESSURE TAPS 2-IN DIA X 16-IN TO 24-IN. CSC	EA	0-5	8000
59	510	PRESSURE TAPS 6-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	15000
60	510	PRESSURE TAPS 8-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	16000

61	510	PRESSURE TAPS 12-IN DIA X 16-IN TO 24-IN, CSC	EA	0-5	18000
62	510	WET CONNECTIONS, 6 DIA	EA	0-10	1600
63	510	WET CONNECTIONS, 8 DIA	EA	0-10	2000
64	510	WET CONNECTIONS, 12 DIA	EA	0-10	2800
65	510	WET CONNECTIONS, 16 DIA	EA	0-10	3900
66	510	WET CONNECTIONS, 18 DIA	EA	0-2	5000
67	510	WET CONNECTIONS, 20 DIA	EA	0-2	5500
68	510	WET CONNECTIONS, 24 DIA	EA	0-2	6000
69	510	WET CONNECTIONS, 18 DIA, CSC	EA	0-2	27000
70	510	WET CONNECTIONS, 24 DIA, CSC	EA	0-2	35000
71	510	WET CONNECTIONS, 30 DIA, CSC	EA	0-2	40000
72	510	WET CONNECTIONS, 36 DIA, CSC	EA	0-2	38000
73	510	WET CONNECTIONS, 8-IN DIA X 6-IN DIA, CUT-IN TEE	EA	0-2	2000
74	510	WET CONNECTIONS, 8-IN DIA X 8-IN DIA, CUT-IN TEE	EA	0-2	2500

75	510	WET CONNECTIONS, 12-IN DIA X 8-IN DIA, CUT-IN TEE	EA	0-2	3500
76	510	WET CONNECTIONS, 12-IN DIA X 12-IN DIA, CUT-IN TEE	EA	0-2	3600
77	510	WET CONNECTIONS, 16-IN DIA X 12-IN DIA, CUT-IN TEE	EA	0-2	4000
78	510	WET CONNECTIONS, 16-IN DIA X 16-IN DIA, CUT-IN TEE	EA	0-2	7500
79	510	WET CONNECTIONS, 18-IN DIA X 18-IN DIA, CUT-IN TEE	EA	0-2	9000
80	510	WET CONNECTIONS, 20-IN DIA X 20-IN DIA, CUT-IN TEE	EA	0-2	11000
81	510	WET CONNECTIONS, 24-IN DIA X 24-IN DIA, CUT-IN TEE	EA	0-2	13000
82	510	PIPE, 6" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	115
83	510	PIPE, 8" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	120
84	510	PIPE, 10" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	125
85	510	PIPE, 12" DIA, PVC SDR26, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	130
86	510	PIPE, 15" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	200
87	510	PIPE, 18" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	225
88	510	PIPE, 21" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	240

89	510	PIPE, 24" DIA, PVC PS115, CARRIER PIPE INSTALLED IN CASING WITH SPACERS (501S-1)	LF	0-100	300
90	510	PIPE, 6" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	70
91	510	PIPE, 8" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	80
92	510	PIPE, 10" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	90
93	510	PIPE, 12" DIA, PVC SDR26, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	95
94	510	PIPE, 15" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-200	115
95	510	PIPE, 18" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	140
96	510	PIPE, 21" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	190
97	510	PIPE, 24" DIA, PVC PS115, ALL DEPTHS, EXCLUDING EXCAVATION & BACKFILL	LF	0-100	200
98	602	BERMUDA BLOCK SODDING	SY	0-200	12
99	602	ST. AUGUSTINE BLOCK SODING	SY	0-200	10
100	602	BERMUDA MULCH SODDING	SY	0-200	10
101	602	GRASS SODING	SY	0-200	10
102	604	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, HYDRAULIC PLANTING	SY	0-500	3

103	604	NON-NATIVE SEEDING FOR EROSION CONTROL METHOD, BROADCAST PLANTING	SY	0-1000	3
104	604	MULCH	SY	0-500	4
105	605	SOIL RETENTION BLANKET CLASS 1; TYPE A	SY	0-100	4
106	605	SOIL RETENTION BLANKET CLASS 1; TYPE B	SY	0-100	4
107	605	SOIL RETENTION BLANKET CLASS 1; TYPE C	SY	0-100	5
108	605	SOIL RETENTION BLANKET CLASS 1; TYPE D	SY	0-100	5
109	620	FILTER FABRIC	SY	0-100	7
110	632	STORM INLET SEDIMENT TRAP	CF	0-100	25
111	639	ROCK BERM	LF	0-20	130
112	642	SILT FENCE FOR EROSION CONTROL	LF	0-2000	7
113	SP402	CONTROLLED LOW STRENGTH MATERIAL, FAST SETTING, TO BE USED IN LIEU OF EXCAVATED TRENCH MATERIAL, INCLUDING DISPOSAL OF EXCAVATED MATERIAL	CY	0-100	450
114	SP402	CONTROLLED LOW STRENGTH MATERIAL, NORMAL SETTING, TO BE USED IN LIEU OF EXCAVATED TRENCH MATERIAL, INCLUDING DISPOSAL OF EXCAVATED MATERIAL	CY	0-100	425
115	SP430	P.C. CONCRETE CURB & GUTTER	LF	0-200	50
116	SP430	P.C. CONCRETE CURB	LF	0-200	45

117	SP430	P.C. CONCRETE LAYDOWN CURB	LF	0-200	45
118	SP432	NEW P.C. CONCRETE SIDEWALKS, 4 INCH THICKNESS	SF	0-250	13
119	SP432	RECONSTRUCT CONCRETE SIDWALKS TO 4" THICKNESS, INLCUDING REMOVAL OF EXISTING SIDEWALK	SF	0-250	20
120	SP432	P.C. SIDEWALK ADA CURB RAMP 4' MIN PER ST-019	EA	0-10	2400
121	SP432	P.C. SIDEWALK ADA CURB RAMP 5' MIN PER ST-019	EA	0-10	2400
122	SP505	CONCRETE ENCASEMENT (CLASS D), ALL PIPE SIZES, COMPLETE IN PLACE	CY	0-100	250
123	SP506	EXTERNAL WATERPROOFING MANHOLE JOINT 48"	EA MJ	0-20	250
124	SP510	AS-BUILT SURVEY	EA PT	0-500	700
125	SP510	GROUTING ABANDONED LINES, ALL SIZES, EXCLUDING EXCAVATION AND BACKFILL	CY	0-100	420
126	SP510	ABANDON EXISTING LINES BY CUTTING AND PLUGGING, ALL SIZES, EXCLUDING EXCAVATION AND BACKFILL	EA	0-5	2800
127	SP510	INSTALLATION OF 6" DIA SDR26 PVC SERVICE LATERAL, INCLUDING TEE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-200	75
128	SP510	INSTALLATION OF 6" DIA SDR26 PVC 2-WAY CLEANOUT, EXCLUDING EXCAVATION AND BACKFILL	EA	0-10	1700
129	SP510	CSC PIPE PATCH, COMPLETE IN PLACE	EA	0-5	5000
130	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 6-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	85

131	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 8-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	95
132	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 12-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	100
133	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 16-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	120
134	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 18-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	130
135	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 20-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	140
136	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 24-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	150
137	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 30-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	260
138	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 36-IN DIA, ZERO TO 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-20	330
139	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 6-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	60
140	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 8-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	65
141	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 12-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	85
142	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 16-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	85
143	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 18-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	95
144	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 20-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	105

145	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 24-IN DIA, OVER 20 LF OF DI PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-100	150
146	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 18-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-32	40000
147	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 20-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-32	42000
148	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 24-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-32	50000
149	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 30-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-32	60000
150	SP510	PIPE REPLACEMENT, NOT INCLUDING WET CONNECTION, 36-IN DIA, CSC OR WELDED STEEL PIPE, EXCLUDING EXCAVATION AND BACKFILL	LF	0-32	75000
151	SP510	20-IN STEEL MANWAY, INSTALL 20-IN TO 36-IN CSC PIPE	EA	0-1	40000
152	SP510	20-IN TAPPED MANWAY ON CSC PIPE, FULL BODY TAPPING SLEEVE (NO TAPPING VALVE), 20-IN TO 36-IN CSC PARENT PIPE	EA	0-1	25000
153	SP510	WELDING OVER FOUR (4) LINEAR FEET	LF	0-10	200
154	SP510	WATER SERVICE REPLACMENT, SINGLE SERVICES 1-IN SERVCE X 6-IN TO 12-IN WATER MAIN	EA	0-4	3000
155	SP510	WATER SERVICE REPLACMENT, DOUBLE SERVICES 1.5-IN SERVCE X 6-IN TO 12-IN WATER MAIN	EA	0-4	3234
156	SP510	INSTALL NEW SINGLE METER BOX	EA	0-4	1463
157	SP510	INSTALL NEW DOUBLE METER BOX	EA	0-4	1463
158	SP510	1-INCH JUMPER HOSE	LF	0-50	22

159	SP510	2-INCH JUMPER HOSE	LF	0-50	25
160	SP510	VIDEO INSPECTION OF PIPING INCLUDING CLEANING	LF	0-200	14
161	SP510	VIDEO INSPECTION OF PIPING EXCLUDING CLEANING	LF	0-200	7
162	SP510	CLEANING OF EXISTING PIPE, 2000 PSI AT 45 GPM	LF	0-200	25
163	SP511	FIRE HYDRANTS, NOT INCLUDING REMOVAL OF EXISTING FIRE HYDRANT, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	5600
164	SP511	AUTOMATICE COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY, 1-IN DIA	EA	0-2	4000
165	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY, 2-IN DIA	EA	0-2	6200
166	SP511	FIRE HYDRANT BARREL EXTENSIONS	VF	0-10	1200
167	SP511	FIRE HYDRANT REMOVAL, INCLUDING REMOVAL AND DISPOSAL OF FIRE HYDRANT	EA	0-2	6000
168	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE REMOVAL 1-IN DIA	EA	0-2	3500
169	SP511	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE REMOVAL, 2-IN DIA	EA	0-2	3500
170	SP511	PERMANENT INSERTABLE VALVE, 6-IN DIA., COMPLETED IN PLACE , EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	9200
171	SP511	PERMANENT INSERTABLE VALVE, 8-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	11000
172	SP511	PERMANENT INSERTABLE VALVE, 12-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	18000

173	SP511	PERMANENT INSERTABLE VALVE, 16-IN DIA., COMPLETED IN PLACE, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	36000
174	SP511	FIELD INSPECTION & MEASUREMENT	DAY	0-4	5000
175	SP511	VALVE REMOVAL, 4-IN TO 12-IN	EA	0-6	2500
176	SP511	VALVE REMOVAL, 16-IN TO 24-IN	EA	0-4	4500
177	SP511	VALVE REMOVAL, 30-IN TO 36-IN	EA	0-1	5400
178	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 6-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	2400
179	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 8-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	3000
180	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 12-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	4300
181	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 16-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-4	10000
182	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 18-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	25000
183	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 20-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	28000
184	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 24-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	35000
185	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 30-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-1	70000
186	SP511	GATE VALVE INSTALLATION, NOT INCLUDING WET CONNECTION, 36-IN DIA, EXCLUDING EXCAVATION AND BACKFILL	EA	0-1	95000

187	SP511	VALVE ABANDONMENT	EA	0-6	2500
188	SP610	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION-HIGH DAMAGE POTENTIAL)	LF	0-200	115
189	SP610	PROTECTIVE FENCING TYPE B WOOD FENCE (TYPICAL APPLICATION-HIGH DAMAGE POTENTIAL)	LF	0-100	130
190	SP610	TREE TRUNK PROTECTION, WOOD PLANKING	EA	0-5	140
191	SP610	REMOVAL OF EXISTING TREES	EA	0-20	70
192	SP703	BARRICADES, SIGNS, AND TRAFFIC HANDLING	DAY	0-40	900
193	SS104	REMOVE P.C. CONCRTE CURB	LF	0-50	9
194	SS104	REMOVE P.C. CONCRETE SLAB	SF	0-500	7
195	SS104	REMOVE P.C. CONCRETE SIDEWALKS & DRIVEWAYS	SF	0-500	7
196	SS104	REMOVE P.C. CONCRETE WALL	CY	0-20	140
197	SS104	REMOVE P.C. CONCRETE STEPS	SF	0-400	14
198	SS104	REMOVE P.C. CONCRETE FOUNDATIONS	SF	0-400	21
199	SS111	EXCAVATION (SITE) WORK	CY	0-100	140
200	SS111	DISPOSAL OF MATERIALS (SITE WORK)	CY	0-100	70

201	SS315	SURFACE MILLING	SY	0-200	28
202	SS315	TRANSITION MILLING	SY	0-50	28
203	SS315	EDGE MILLING	SY	0-50	28
204	SS340	COLD MIX ASPHALTIC CONCRETE (FOR TEMP, TRENCH REPAIR)	TN	0-10	300
205	SS641	STABILIZED CONSTRUCTION ENTRANCE	EA	0-5	2800
206	SS701	CHAIN LINK FENCE - 8 FOOT HIGH	LF	0-200	115
207	SS701	WOOD FENCE - 8 FOOT HIGH	LF	0-200	120
208	SS701	CHAIN LINK PEDESTRIAN SINGLE SWING GATE, 3FT X 8FT	EA	0-2	2100
209	SS701	CHAIN LINK VEHICULAR DOUBLE SWING GATE, 8FT X 13FT	EA	0-2	3500
210	SS701	CHAIN LINK VEHICULAR SINGLE SWING GATE, 8FT X 10FT	EA	0-2	2400
211	SS701	MOWING STRIP	LF	0-400	70
212	SS701	SECURITY FENCE, 8FOOT HIGH, TYPE CHAIN LINK	LF	0-400	120
213	SS704	SAFETY FENCING	LF	0-500	15
214	SS02225	EXCAVATION	CY	0-10000	120

215	SS02225	BACKFILL	CY	0-10000	120
216	SS02225	GENERAL POTHOLING	DAY	0-20	2800
217	SS02225	EXCAVATION IN ROCK	CY	0-1000	280
218	SS02225	DEWATERING PUMP, MUFFLED, 4-INCH	DAY	0-5	850
219	SS02225	DEWATERING PUMP, MUFFLED, 6-INCH	DAY	0-5	850
220	SS02225	DEWATERING PUMP, MUFFLED, 8-INCH	DAY	0-3	850
221	SS02553	LICENSED PLUMBER MOBILIZATION ALLOWANCE PER PRIVATE LATERAL RELOCATION, INLCUDING OBTAINING PLUMBING PERMIT, & INSPECTION FEES	EA	0-3	2100
222	SS02553	PRIVATE LATERAL RELOCATION BY LICENSED PLUMBER, MINIMUM PAYMENT IS 30 LINEAR FEET, COMPLETE IN PLACE	LF	0-90	4200
223	SS02553	INVESTIGATION WORK BY CONTRACTOR USING CONTRACTOR FURNISHED MINI CAMERA AND DYE WITH OWNER PRESENT	HR	0-10	875
224	SS02614	TEMPORARY WATERLINE STOP, 6-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, , EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	7500
225	SS02614	TEMPORARY WATERLINE STOP, 8-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	9000
226	SS02614	TEMPORARY WATERLINE STOP, 12-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 1 FULL DAY, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	12000
227	SS02614	TEMPORARY WATERLINE STOP, 16-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	22000
228	SS02614	TEMPORARY WATERLINE STOP, 18-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	23000

229	SS02614	TEMPORARY WATERLINE STOP, 20-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 2 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	24000
230	SS02614	TEMPORARY WATERLINE STOP, 24-IN DIA, DI, CI, OR PVC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	29000
231	SS02614	TEMPORARY WATERLINE STOP, 18-IN DIA, CSC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	26000
232	SS02614	TEMPORARY WATERLINE STOP, 20-IN DIA, CSC TYPE PIPE, FOR UP TO 3 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	26000
233	SS02614	TEMPORARY WATERLINE STOP, 24-IN DIA, CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	28000
234	SS02614	TEMPORARY WATERLINE STOP, 30-IN DIA,CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	35000
235	SS02614	TEMPORARY WATERLINE STOP, 36-IN DIA,CSC TYPE PIPE, FOR UP TO 4 FULL DAYS, INSTALLATION AND REMOVAL, EXCLUDING EXCAVATION AND BACKFILL	EA	0-2	41000
236	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS , 6-IN TO 12-INCH DIA, DI, CI, OR PVC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL	DAY	0-4	700
237	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS , 16-IN TO 24-INCH DIA, DI, CI, OR PVC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL	DAY	0-4	2500
238	SS02614	TEMPORARY WATERLINE STOP EXTRA FULL DAYS , 18-IN TO 36-INCH CSC TYPE PIPE, EXCLUDING EXCAVATION AND BACKFILL	DAY	0-4	2500
239	SS01540	TWO ATTENDANTS TO MONITOR BY-PASS PUMPING OPERATION WHEN NO OTHER WORK IS OCCURRING ONSITE, COMPLETE & IN PLACE	HR	0-200	150
240	SS01540	BY-PASS PUMPING FOR LINES 8" DIA.	CD	0-20	650
241	SS01540	BY-PASS PUMPING FOR LINES 12" DIA.	CD	0-20	800
242	SS01540	BY-PASS PUMPING FOR LINES 15" TO 18" DIA.	CD	0-20	1100

243	SS01540	BY-PASS PUMPING FOR LINES 20" TO 24" DIA. CD 0-10		0-10	2200
244	CoNB	P.C. CONCRETE DRIVEWAY RESIDENTAIL PER ST-0141 SY 0-250		0-250	190
245	CoNB	P.C. CONCRETE DRIVEWAY COMMERCIA PER ST-0151 SY 0-250		0-250	195
246	CoNB	HOT MIX ASPHALT, TYPE C, TxDOT 340, PER CITY DETAIL ST-100	HOT MIX ASPHALT, TYPE C, TxDOT 340, PER CITY DETAIL ST-100 TON 0-20		320
247	CoNB	HOT MIX ASPHALT, TYPE D, TxDOT 340, PER CITY DETAIL ST-100	TON	0-20	320
248	CoNB	HOT MIX ASPHALT, TYPE B, TXDOT 340, HOT LAY BLACK BASE PER CITY DETAIL ST-100	TON	0-20	320
249	CoNB	12" CONCRETE PAVEMENT, TxDOT 360	SY	0-500	220
250	CoNB	12" CONCRETE PAVEMENT, TxDOT 360 (HIGH EARLY STRENGTH)	SY	0-500	275
	ALLOWANCE-MOBILIZATION				\$45,000.00
	ALLOWANCE-TRAFFIC HANDLING				\$30,000.00



Work Ord	der No.	

Client: New Braunfels Utilities	Project No.:
P.O. Box 310289 New Braunfels, Texas 78131	Phase/Task/Dept. No.:
Attn: Ian Taylor, CEO	Date:
	he terms and conditions outlined in the r) and New Braunfels Utilities (Owner) its.
Project Description:	
Description of Services:	
Services shall be provided in accordance with Exhibit A , which is by reference.	is attached hereto and incorporated herein
Deliverables:	
Authorized Amount of Compensation shall be as follows: Obasis in the amount of \$ for the Services and Exhibit A. (Contractor shall submit a proposed price for the Services of this Work Order.)	Deliverables described above and in
Amount of this Au	ithorization \$
Schedule shall be as follows (Contractor shall submit the estine Exhibit A within 7 calendar days of receipt of this Work Order.): Substantial Completion Date: Final Completion Date:	nated time of completion for the Services in
The Contractor shall proceed with the Services upon the issuance of Notice with the Contract Documents. All other provision, terms, and conditions of in full force and effect. Upon execution of this Work Order by both partices.	of the Contract Documents for services shall remain
This Authorization will serve as Notice to Proceed an Contractor must mobilize within 2 calendar days of the issuance of	
CONTRACTOR: NEW BR	RAUNFELS UTILITIES (OWNER):
BY: BY:	
Print or Type Name Print	or Type Name
TITLE: TITLE:	
DATE: DATE:	



Exhibit A - Work Order Summary

PROJECT N	AME: 0					
OWNER:	New Braun	fels Utilities	OW	/NER PROJ # ()	
CONTRACT	OR: 0			CONTRACTOR # 0		
ENGINEER:	0		<u> </u>	NG. PROJ. # ()	
CM:	0			CM. PROJ. # ()	
WORK ORD	PER NO. 1		WORK O	RDER DATE:	January 1	, 2020
Mal	ce following additions/c	deletions or modifications to	o work consistant v	vith the Contr	act Documer	nts:
#	<u> </u>	Item Description			Days	Cost
1		'			,	
2						
3						
4						
5						
6						
7						
8						
9						
10						
			_			4
	TOTAL	COST OF THIS WORK ORDE	iR:		0	\$0.00
		e order is full, complete and final payr				
		n, foreseen or unforeseen at this time, or unchanged work as a result of this C		on, any cost for aei	ay, extenaea over	neaa, rippie
	ost and/or Time Impact		<u> </u>			
	•	Original Contract Amou	ınt		\$0.00	
	Previously Ap	proved Change Order Amou		_	\$0.00	,
		Adjusted Contract Amou		_	\$0.00	•
	Proposed Change Ord	er Amount (this change ord	er)	_	\$0.00	,
		Revised Contract Amou	int	_	\$0.00	•
		Previous Contract Tir	ne	_	0	'
	Previou	s Substantial Completion Da	ite		#########	•
	Р	revious Final Completion Da	ite		##########	'
		Net Change in Contract Tir	ne	_	0	'
		Revised Contract Tir	ne	_	0	'
	Revise	d Substantial Completion Da	ite		##########	'
		Revised Final Completion Da	ite	_	#########	
Recommer	ided by:					
0	•					
	Ву					
Recommer	ided by:				Date	
0						
	Ву					
Approved I	oy:				Date	
0	_					
A	Ву				Date	ı
Approved I	-				Date	
New Braunfo	By					
	2,				Date	,