

PAYMENT BOND

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THE AMERICAN INSTITUTE OF ARCHITECTS



Bond No. _____

AIA Document A312

Payment Bond

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

CONTRACTOR (Name and Address):

Sub Surface Contracting, Inc.
27A Paseo de River
Santa Fe, NM 87507

SURETY (Name and Principal Place of Business):

OWNER (Name and Address):

CITY OF SANTA FE
P. O. BOX 909
SANTA FE, NEW MEXICO 87504-0909

CONSTRUCTION CONTRACT

Date: 6/1/2020

Amount: \$ 1,169,311.25

Description (Name and Location): City-Wide Water Utility Construction and Repair
Santa Fe, NM

BOND

Date (Not earlier than Construction Contract Date):

Amount:

Modifications to this Bond:

None See Page 6

CONTRACTOR AS PRINCIPAL

SURETY

Company: Sub Surface Contracting, Inc.
27A Paseo de River
Santa Fe, NM 87507

(Corporate Seal)

Company:

(Corporate Seal)

CONTRACTORS BONDING AND INSURANCE
COMPANY

Signature: *Neal Keiper*
Name and Title: Neal Keiper, President

Signature:
Name and Title:

(Any additional signatures appear on page 6)

(FOR INFORMATION ONLY — Name, Address and Telephone)

AGENT or BROKER:

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

CERTIFICATE OF LIABILITY INSURANCE (00 6216)

(Project-specific Certificate of General Liability Insurance: Provide for inclusion with Recommendation for Award.)

WORKERS' COMPENSATION INSURANCE (00 6217)

(Provide project-specific Workers' Compensation Insurance Provide for inclusion with Recommendation for Award.)

City of Santa Fe



OFFICIAL NOTICE-OF-AWARD

Month Day, Year

Mr./Mrs./Ms. Name of Contract Signatory
Contractor Address
City, State ZIP Code
Telephone Number

CIP Project #TBD
Project Title

Dear Mr. Contract Signatory,

This letter shall serve as Notice of Award for the scope of services authorized under the pending Agreement Between City of Santa Fe and Contactor for the above referenced project. Once fully executed by the City of Santa Fe and recorded, a copy of the contract will be sent to you via e-mail along with a Purchase Order.

The City of Santa Fe Governing Body, at their meeting of Month Day, Year, approved the Contract with Contractor Name in the amount of TBD dollars and TBD cents (\$TBD), inclusive of New Mexico Gross Receipts Tax, for the above referenced project.

The "Contract" sum is determined as follows:

Base Bid:	\$TBD
Alternate (TBD):	\$TBD
Surety:	\$TBD
NMGRT:	<u>\$TBD</u>
Contract Amount:	\$TBD

Please submit the following required documents and information within ten (10) days of the receipt of this notice:

1. The required Bonds including:
 - a) Sealed original "Performance Bond" equal to one hundred percent (100%) of the "Contract" amount.
 - b) Sealed original "Labor and Materials Bond" or "Payment Bond" equal to one-hundred percent (100%) of the "Contract" amount.

2. A signed list of the proprietary names and the suppliers of principal items or systems of materials and equipment proposed for the work.
3. A list signed by all Subcontractors proposed for the principal portions of the work. (SeeNMDWS requirements.)
4. Completed NMDWS Statement of Intent to Pay Prevailing Wages form(s) (within 10 days afterreceiving the NMDWS NOA).
5. Comprehensive Project Schedule based on the TBD calendar day Substantial Completion deadline. This Schedule will subject to review and modification by the City dependent upon the contract administrative approvals and recording timeline and the Purchase Order approvaltimeline after City Council approval.
6. A list and justifications for any items that cannot be provided within the "Contract" time. Ifaccepted by the City of Santa Fe , these items will not be required to achieve substantial completion,but must be completed within an extended deadline established by the Contractor at this time.

Failure to comply with these conditions within the specified time, will entitle the City to consider the Agreement abandoned, and to annul this "Notice of Award".

A Purchase Order will be issued to you with the Official Notice-to-Proceed to follow as soon as possible.Please reference this PO number on future correspondence and invoices.

Congratulations! We look forward to working with your company on this essential project!

Project Administrator Name
City of Santa Fe, Public Utilities Dept.
Water Division Project Administrator
(505) 955-TBD
TBD@santafem.gov

xc: Public Utilities Department Director
Water Division Director
Chief Procurement Officer
TBD Project Sponsor Department DirectorsTBD
Stakeholders

City of Santa Fe



OFFICIAL NOTICE-TO-PROCEED

Month Day, Year

Mr./Mrs./Ms. Name of Contract Signatory

Contractor Address

City, State ZIP Code

Telephone Number

**CIP Project #TBD
Project Title**

Dear Mr. Contract Signatory,

On ??/??/20?? the City Council approved the scope of services authorized under the Agreement Between City of Santa Fe and Contactor for the above referenced project. This letter shall serve as official Notice-to-Proceed with the scope of services described in the contract. The contract sum of TBD dollars and TBD cents (\$TBD) inclusive of New Mexico Gross Receipts Tax is based on the Contractor's Bid dated ??/??/20??. A purchase order in that amount is attached along with the recorded contract.

Based on the date of issuance of this Notice, the services start date of ??/??/20??, and the (TBD) calendar day time limit, the entire work under this Contract shall be Substantially Completed by ??/??/20??, after which time liquidated damages as outlined in the contract will apply, unless time extensions are approved by change order.

Please acknowledge receipt of this notice on the next page and return a signed copy to the City of Santa Fe, City of Santa Fe, Water Division, 801 W. San Mateo Rd, Santa Fe, NM 87505, Attention: Project Administrator Name or e-mail to TBD@santafenm.gov.

We look forward to working with your company on this vital project!

Sincerely,

Project Administrator

Facilities Division Director

NTP: CIP Project #TBD Contractor
Name, Project NameMonth Day,
Year
Page 2

Attachments: Recorded ABOC, Purchase OrderRECEIPT

ACKNOWLEDGED:

By:

Date

SAMPLE

xc: Public Utilities Department Director
Water Division Director
Chief Procurement Officer
TBD Project Sponsor Department DirectorsTBD
Stakeholders
Project/Book file

GENERAL CONDITIONS OF THE CONTRACT

(SECTION 00700)

NOTICE

This document has been prepared by the Capital Improvements Program (CIP) and Contract Compliance staff of the City of Santa Fe for use in construction projects.

DOCUMENT - SECTION 00710

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

(THIS DOCUMENT HAS IMPORTANT LEGAL CONSEQUENCES;
CONSULTATION WITH AN ATTORNEY IS ENCOURAGED WITH
RESPECT TO ITS COMPLETION OR MODIFICATION.)

TABLE OF ARTICLES

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2. ADMINISTRATION – PUBLIC UTILITIES DEPARTMENT WATER DIVISION	10. PROTECTION OF PERSONS AND PROPERTY
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ARTICLE 1

CONTRACT DOCUMENTS

1.1 DEFINITIONS

1.1.1 THE CONTRACT DOCUMENTS

The Contract Documents consist of the City of Santa Fe -Contractor Agreement, the Conditions of the Contract (General, Supplementary, and Other Conditions), the Drawings, the Specifications, and all Addenda issued prior to and all Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by both parties, (2) a Change Order, (3) a written interpretation issued by the City of Santa Fe's Representative, or (4) a written order for a minor change in the work issued by the City of Santa Fe's Representative. The Contract Documents do not include Bidding Documents such as the Advertisement or Invitation to Bid, the Instructions to Bidders, sample forms, the Contractor's Bid, or portions of Addenda relating to any of these, or any other documents, unless specifically enumerated in the City of Santa Fe -Contractor Agreement.

1.1.2 THE CONTRACT

The Contract Documents form the Contract for Construction. This Contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral. The Contract may be amended or modified only by a Modification as defined in Subparagraph 1.1.1. The Contract Documents shall not be construed to create any contractual relationship of any kind between the City of Santa Fe's Representative and the Contractor, but the City of Santa Fe's Representative shall be entitled to performance of obligations intended for his benefit, and to enforcement thereof. Nothing contained in the Contract Documents shall create any contractual relationship between the City of Santa Fe or the City of Santa Fe's Representative and any Subcontractor or Sub-subcontractor.

1.1.3 THE WORK

The work comprises the design and completed construction required by the Contract Documents, and includes design specifications, and all labor necessary to produce such construction, and all materials and equipment incorporated or to be incorporated in such construction.

1.1.4 THE PROJECT

The Project is the total design and construction of which the work performed under the Contract Documents may be the whole or a part.

1.2 EXECUTION, CORRELATION AND INTENT

- 1.2.1 No fewer than five (5) copies of the Contract Documents shall be signed by the City of Santa Fe and the Contractor. If either the City of Santa Fe or the Contractor or both do not sign the Conditions of the Contract, Drawings, Specifications, or any of the other Contract Documents, the City of Santa Fe's Representative shall identify such Documents.
- 1.2.2 By executing the Contract, the Contractor represents that he has visited the site, familiarized himself with the local conditions under which the work is to be performed, and correlated his observations with the requirements of the Contract Documents.
- 1.2.3 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the work. The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all. Work not covered in the Contract Documents will not be required unless it is consistent therewith and is reasonably inferable therefrom as being necessary to produce the intended results. Words and abbreviations which have well-known technical or trade meanings are used in the Contract Documents in accordance with such recognized meanings. In the event of a conflict between the Contract Documents, the more stringent requirements shall govern.
- 1.2.4 The organization of the Specifications into divisions, sections and articles, and the arrangement of Drawings

shall not control the Contractor in dividing the work among Subcontractors or in establishing the extent of work to be performed by any trade.

ARTICLE 2

ENGINEER

2.1 DEFINITION

2.1.1 The Engineer is the person lawfully license to practice engineering, or an entity lawfully practicing engineering identified as such in the City of Santa Fe -Contractor Agreement, and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term “Engineer” means the Engineer or his authorized representative.

2.2 ADMINISTRATION OF CONTRACT – SANTA FE WATER DIVISION

2.2.1 The Engineer will provide administration of the Contract as hereinafter described.

2.2.2 The Engineer will be the City of Santa Fe’s representative during construction and until final payment is due. The Engineer will advise and consult with the City of Santa Fe. The City of Santa Fe’s instructions to the Contractor shall be forwarded through the Engineer. The Engineer shall have the authority to act on behalf of the City of Santa Fe only to the extent provided in the Contract Documents, unless otherwise modified by written instrument in accordance with Subparagraph 2.2.17.

2.2.3 The Engineer shall submit to the City of Santa Fe, for approval, a list of critical inspection points based upon the construction schedule furnished by the Contract (Paragraph 4.10.1). The Engineer and his staff (including the on-site representative, if agreed upon) shall make at least three (3) weekly visits to the site at those critical points and at other times as the Engineer deems appropriate during the progress of the work. Additionally, the Engineer shall familiarize himself with the progress and quality of the work and determine if the work is proceeding in accordance with the Contract Documents. On the basis of on-site observations, as an Engineer, he shall guard the City of Santa Fe against defects and deficiencies in the construction. Should the Engineer determine that any portion of the work varies from the intent of the Contract Documents he shall immediately notify the Contractor and the City of Santa Fe of the non-compliance and the nature of the work required to correct such non-compliance. The Engineer shall recommend to the City of Santa Fe, in writing, to issue a “stop work order” for any portion of the work that does not substantially comply with the intent of the Contract Documents, except as follows.

2.2.4 The Engineer shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work. Additionally, the Engineer shall not be responsible for the Contractor’s failure to carry out the work in accordance with the Contract Documents. The Engineer shall reject work which does not meet or exceed the standards established by the Contract Documents. Whenever, in his reasonable opinion, he considers it necessary or advisable to ensure the proper implementation of the intent of the Contract Documents, he will have authority to require special inspection or testing of any work in accordance with the provisions of the Contract Documents whether or not such work be then fabricated, installed or completed.

2.2.5 The Engineer shall at all times have access to the work wherever it is in preparation and progress. The Contractor shall provide facilities for such access so the Engineer may perform his functions under the Contract Documents.

2.2.6 Based on the Engineer’s observations and an evaluation of the Contractor’s Application for Payment, the Engineer will determine the amounts owing to the Contractor and will issue Certificates for Payment in such amounts, as provided in Paragraph 9.4.

2.2.7 The Engineer will be the interpreter of the requirements of the Contract Documents and the judge of the performance thereunder by both the City of Santa Fe and the Contractor.

2.2.8 The Engineer will render interpretations necessary for the proper execution or progress of the work, with reasonable promptness and in accordance with any time limit agreed upon. Either party to the Contract may make written request to the Engineer for such interpretations.

- 2.2.9 Claims, disputes, and other matters in question between the Contractor and the City of Santa Fe relating to the execution or progress of the work or the interpretation of the Contract Documents shall be referred to the Engineer for decision which he will render in writing within a reasonable time.
- 2.2.10 All interpretations and decisions of the Engineer shall be consistent with the intent of and reasonably inferable from the Contract Documents and will be in writing or in the form of drawings. In his capacity as interpreter and judge, he will endeavor to secure faithful performance by both the City of Santa Fe and the Contractor, will not show partiality to either, and will not be liable for the result of any interpretation or decision rendered in good faith in such capacity.
- 2.2.11 The Engineer's decisions in matters relating to artistic effect will be final if consistent with the intent of the Contract Documents.
- 2.2.12 The Engineer will have authority to reject work which does not conform to the Contract Documents. Whenever, in his opinion, he considers it necessary or advisable for the implementation of the intent of the Contract Documents, he will have authority to require special inspection or testing of the work in accordance with Subparagraph 7.6.2 whether or not such work be then fabricated, installed or completed. However, neither the Engineer's authority to act under this Subparagraph 2.2.12, nor any decision made by him in good faith either to exercise or not to exercise such authority, shall give rise to any duty or responsibility of the Engineer to the Contractor, any Subcontractor, any of their agents or employees, or any other person performing any of the work.
- 2.2.13 The Engineer will review and approve or take other appropriate action upon Contractor's submittals such as Shop Drawings, Product Data and samples, but only for conformance with the design concept of the work and with the information given in the Contract Documents. Such action shall be taken with reasonable promptness so as to cause no delay. The Engineer's approval of a specific item shall not indicate approval of an assembly of which the time is a component.
- 2.2.14 The Engineer will prepare Change Orders in accordance will Article 12 and will have authority to order minor changes in the work as provided in Subparagraph 12.3.1.
- 2.2.15 The Engineer will conduct inspections to determine the dates of Substantial Completion and Final Completion will receive and forward to the City of Santa Fe for the City of Santa Fe's review of written warranties and related documents required by the Contract and assembled by the Contractor and will issue a final Certificate of payment upon compliance with the requirements of Paragraph 9.9
- 2.2.16 If the City of Santa Fe and Engineer agree, the Engineer will provide one or more Project Representatives to assist the Engineer in carrying out his responsibilities at the site. The duties, responsibilities and limitations of authority of any such Project Representative shall be as set forth in an exhibit to be incorporated in the Contract Documents.
- 2.2.17 The duties, responsibilities and limitations of authority of the Engineer as the City of Santa Fe's representative during construction as set for in the Contract Documents will not be modified or extended without written consent of the City of Santa Fe, the Contractor and the Engineer.
- 2.2.18 In case of the termination of the employment of the Engineer, the City of Santa Fe shall appoint an Engineer whose status under the Contract Documents shall be that of the former Engineer.

ARTICLE 3

CITY OF SANTA FE

3.1 DEFINITION

- 3.1.1 The City of Santa Fe is the person or entity identified as such in the City of Santa Fe -Contractor Agreement and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term "City of Santa Fe" means the City of Santa Fe or his authorized representative.

3.2 INFORMATION AND SERVICES REQUIRED OF THE CITY OF SANTA FE

- 3.2.1 The City of Santa Fe shall, at the request of the Contractor, at the time of execution of the City of Santa Fe - Contractor Agreement, furnish to the Contractor reasonable evidence that he has made financial arrangements to fulfill his obligations under the Contract. Unless such reasonable evidence is furnished, the Contractor is not required to execute the City of Santa Fe - Contractor Agreement or to commence the work.
- 3.2.2 The City of Santa Fe shall furnish all surveys describing the physical characteristics for the site for the Project.
- 3.2.3 Except as provided in Subparagraph 4.7.1, the City of Santa Fe shall secure and pay for necessary approvals, easements, assessments, and charges required for the construction, use or occupancy of permanent structures or for permanent changes in existing facilities.
- 3.2.4 Information or services under the City of Santa Fe's control shall be furnished by the City of Santa Fe with reasonable promptness to avoid delay in the orderly progress of the work.
- 3.2.5 Unless otherwise provided in the Contract Documents, the Contractor will be furnished, free of charge, all copies of Drawings and Specifications reasonably necessary for the execution of the work.
- 3.2.6 The City of Santa Fe shall forward all instructions to the Contractor through the City of Santa Fe's Representative.
- 3.2.7 The foregoing is in addition to other duties and responsibilities of the City of Santa Fe enumerated herein and especially those in respect to work by City of Santa Fe or by Separate Contractors, Payments and Completion, and Insurance in Articles 6, 9 and 11 respectively.

3.3 CITY OF SANTA FE'S RIGHT TO STOP THE WORK

- 3.3.1 If the Contractor fails to correct defective work as required by Paragraph 13.2 or persistently fails to carry out the work in accordance with the Contract Documents, the City of Santa Fe, by a written order signed personally or by an agent specifically so empowered by the City of Santa Fe in writing, may order the Contractor to stop the work, or any portion thereof, until the cause of such order has been eliminated; however, this right of the City of Santa Fe to stop the work shall not give rise to any duty on the part of the City of Santa Fe to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Subparagraph 6.1.3.

3.4 CITY OF SANTA FE'S RIGHT TO CARRY OUT THE WORK

- 3.4.1 If the Contractor defaults or neglects to carry out the work in accordance with the Contract Documents and fails within seven days after receipt of written notice from the City of Santa Fe to commence and continue correction of such default or neglect with diligence and promptness, the City of Santa Fe may, after seven days following receipt by the Contractor of an additional written notice and without prejudice to any other remedy he may have, make good such deficiencies. In such case, an appropriate Change Order shall be issued deducting from the payments then or thereafter due the Contractor the cost of correcting such deficiencies, including compensation for the City of Santa Fe's Representative's additional services made necessary by such default, neglect or failure. Such action by the City of Santa Fe and the amount charged to the Contractor are both subject to the prior approval of the City of Santa Fe's Representative. If the payments then or thereafter due to the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the City of Santa Fe.

ARTICLE 4

CONTRACTOR

4.1 DEFINITION

- 4.1.1 The Contractor is the person or entity identified as such in the City of Santa Fe - Contractor Agreement and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term "Contractor" means the Contractor or his authorized representative.

REVIEW OF CONTRACT DOCUMENTS

- 4.2.1 The Contractor shall carefully study and compare the Contract Documents and shall at once report to the City of Santa Fe's Representative any error, inconsistency or omission he may discover. The Contractor**

shall be liable to the City of Santa Fe or the City of Santa Fe's Representative for any damage resulting from any such errors, inconsistencies or omissions in the Contract Documents. The Contractor shall perform no portion of the work at any time without Contract Documents or, where required, approved Shop Drawings, Product Data or Samples for such portion of the work.

4.3 SUPERVISION AND CONSTRUCTION PROCEDURES

- 4.3.1 The Contractor shall supervise and direct the work, using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the work under the contract.
- 4.3.2 The Contractor shall be responsible to the City of Santa Fe for the acts and omissions of his employees, Subcontractors and their agents and employees, and other persons performing any of the work under a contract with the Contractor.
- 4.3.3 The Contractor shall not be relieved from his obligations to perform the work in accordance with the Contract Documents either by the activities or duties of the City of Santa Fe's Representative in his administration of the Contract, or by inspections, tests or approvals required or performed by persons other than the Contractor.

4.4 LABOR AND MATERIALS

- 4.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the work, whether or not incorporated or to be incorporated in the work.
- 4.4.2 The Contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the task assigned to him.

4.5 WARRANTY

- 4.5.1 The Contractor warrants to the City of Santa Fe and City of Santa Fe's Representative that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all work will be of good quality, free from faults and conforming to these requirements. Substitutions not properly approved and authorized, may be considered defective. If required by the City of Santa Fe's Representative, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty is not limited by the provisions in Paragraph 13.2.
- 4.5.2 The Contractor shall and hereby does warrant and guarantee all workmanship, labor, and materials performed and supplied by him or his Subcontractors for a period of one (1) year from the date of completion as evidenced by the date of the City of Santa Fe's Representative's Final Certificate of Payment of this Contract. This also includes all labor required for replacing materials or equipment found to be defective within the one (1) year period. All guarantees for a longer period of time required by the work sections of these Specifications shall be secured by the Contractor from Subcontractors and delivered to the City of Santa Fe's Representative and are hereby warranted by the Contractor as much as if countersigned by him.
- 4.5.3 The Contractor shall and hereby does warrant and guarantee all asphalt and concrete installed for roadway and trail paving, curb and gutter, including all workmanship, labor, and materials performed and supplied by him or his Subcontractors for a period of two (2) years from the date of completion as evidenced by the date of the City of Santa Fe's Representative's Final Certificate of Payment of this Contract. This also includes all labor required for replacing roadway and trail paving, curb and gutter found to be defective within the two (2) year period. All guarantees for a longer period of time required by the work sections of these Specifications shall be secured by the Contractor from Subcontractors and delivered to the City of Santa Fe's Representative and are hereby warranted by the Contractor as much as if countersigned by him.

4.6 TAXES

- 4.6.1 The Contractor shall pay all sales, consumer gross receipts tax, use and other similar taxes for the work or portions thereof provided by the Contractor which are legally enacted at the time Bids are received, whether or not yet effective.

4.7 PERMITS, FEES AND NOTICES

- 4.7.1 The Contractor shall secure and pay for the building permit and for all other permits and governmental fees, licenses and inspections necessary for the proper execution and completion of the work which are customarily secured after execution of the Contract and which are legally required at the time the Bids are received.
- 4.7.2 The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the work.
- 4.7.3 It is not the responsibility of the Contractor to make certain that the Contract Documents are in accordance with applicable laws, statutes, building codes and regulations. If the Contractor observes that any of the Contract Documents are at variance therewith in any respect, he shall promptly notify the City of Santa Fe's Representative in writing, and any necessary changes shall be accomplished by appropriate Modification.
- 4.7.4 If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the City of Santa Fe's Representative, he shall assume full responsibility therefore and shall in turn notify the City of Santa Fe's Representative of such action.

4.8 ALLOWANCES

- 4.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by these allowances shall be supplied for such amounts and by these allowances shall be supplied for such amounts and by such persons as the City of Santa Fe may direct, but the Contractor will not be required to employ persons against whom he makes a reasonable objection.
- 4.8.2 Unless otherwise provided in the Contract Documents:
 - A. These allowances shall cover the cost to the Contractor, less any applicable trade discount of the materials and equipment required by the allowance delivered at the site, and all applicable taxes;
 - B. The Contractor's costs for unloading and handling on the site, labor, installations costs, overhead, profit and other expenses contemplated for the original allowance shall be included in the Contract Sum and not in this allowance;
 - C. Whenever the cost is more than or less than the allowance, the Contract Sum shall be adjusted accordingly by Change Order, the amount of which will recognize changes, if any, in handling costs on the site, labor, installation costs, overhead, profit and other expenses.

4.9 SUPERINTENDENT

- 4.9.1 The Contractor shall employ a competent Superintendent and necessary assistants who shall be in attendance at the project site during the progress of the work. The Superintendent shall represent the Contractor, and all communications given to the Superintendent shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be so confirmed on written request in each case.

4.10 PROGRESS SCHEDULES

- 4.10.1 The Contractor shall, within ten (10) days after the effective date of Notice to Proceed, furnish five copies of a preliminary progress schedule describing his operations for the one-hundred-eighty (180) day contract period. The preliminary progress schedule shall be a bar graph or an arrow diagram showing the items the Contractor intends to commence and complete the various work stages, operations, and contract means planned to be started during the one-hundred-eighty (180) day contract period.
- 4.10.2 Unless otherwise specified in the Special Provisions, the Contractor shall submit for approval by the City of Santa Fe's Representative, within five (5) days after the effective date of Notice to Proceed, traffic control plans prepared by a qualified individual for this project.
- 4.10.3 The graphic network diagram shall consist of an arrow diagram or a geometric figure and connector diagram which clearly depicts the major subdivisions of the work, the order and interdependencies of activities planned by the Contractor, as well as, activities by others which affect the Contractor's planning. The intended time for

starting and completing each activity shall be shown for each construction operation. For those activities lasting more than 30 days, either the estimated time for 25-50 and 75 percent completion or other significant milestones in the course of the activity, shall be shown. In addition to the actual construction operations, the network diagram shall show such items as submittal of samples and Shop Drawings, delivery of materials and equipment, construction in the area by other forces, traffic detour controls, and other significant items related to the progress of construction. The graphic network diagram shall be printed or neatly and legibly drawn to a linear scale.

- 4.10.4 Activities shown shall be coordinated insofar as possible with the Contract Bid items, types of work and maximum number of activities of each type.
- 4.10.5 The computer printout or list of activities shall show for each activity the estimated duration, the earliest starting and finishing dates, the latest starting and finishing dates, and float or slack time. Activities which constitute the critical sequence shall be identified showing a total job duration equal to the Contract Time.
- 4.10.6 The written explanation shall contain sufficient information to describe the construction methods to be used and to enable the City of Santa Fe's Representative to evaluate the schedule and supporting analysis for validity and practicability. If the schedule or written explanation is not accepted by the City of Santa Fe's Representative, the Contractor shall resubmit the rejected items within ten (10) days after rejection.
- 4.10.7 The analysis may employ the use of an electric computer or may consist of a non-computer analysis if the latter is suitable to analyze the number of activities required. The adequacy of the system selected shall be acceptable to the City of Santa Fe's Representative.
- 4.10.8 The Contractor shall submit to the City of Santa Fe's Representative monthly progress status reports on dates directed by the City of Santa Fe's Representative. Such reports shall list those uncompleted activities which have less than 30 days' float and which are either in progress or scheduled to be started within the next reporting period. For each of the listed activities, the following shall be shown:
 - A. Starting date scheduled in last critical-path-analysis.
 - B. Actual or intended starting date.
 - C. Revised activity duration, if any.

If the noted starting dates or duration delay the scheduled project completion date, the delay shall be named. Reasons for the delay shall be given with an explanation of the Contractor's proposed corrective action. The Contractor shall also note each activity completed during the report period.

- 4.10.9 A revised critical-path-type analysis shall be submitted when one or more of the following conditions occur:
 - A. When an approved Change Order significantly affects the contract completion date, or the sequence of activities.
 - B. When progress of any critical activity falls significantly behind the scheduled progress.
 - C. When delay on a non-critical activity is of such magnitude as to change the course of the critical path.
 - D. At any time, the Contractor elects to change any sequence of activities affecting the critical path.

The revised analysis shall be made in the same form and detail as the original submittal and shall be accompanied by an explanation of the reasons for the revisions.

- 4.10.10 The Contractor shall prosecute the work in accordance with the latest critical path type analysis. Deviations therefrom shall be submitted to the City of Santa Fe's Representative for review. In the event that the progress of items along the critical path is delayed, the Contractor shall revise his planning to include additional forces, equipment, shifts or hours necessary to meet the Contract completion date. All additional cost resulting therefrom will not be borne by the City of Santa Fe.

4.11 DOCUMENTS AND SAMPLES AT THE SITE

- 4.11.1 The Contractor shall maintain at the site, for the City of Santa Fe, one record copy of all Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and marked currently to record all changes made during construction, and approved Shop Drawings, Product Data and Samples. These shall be available to the City of Santa Fe's Representative and shall be delivered to him for the City of Santa Fe upon completion of the work.

4.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

- 4.12.1 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the work by the Contractor or any Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the work.
- 4.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by the Contractor to illustrate a material, product or system for some portion of the work.
- 4.12.3 Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the work will be judged.
- 4.12.4 The Contractor shall review, approve and submit, with reasonable promptness and in such sequence as to cause no delay in the work or in the work of the City of Santa Fe or any separate Contractor, all Shop Drawings, Product Data and Samples required by the Contract Documents.
- 4.12.5 By approving and submitting Shop Drawings, Product Data and Samples, the Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the work and of the Contract Documents.
- 4.12.6 The Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents by the City of Santa Fe's Representative's approval of Shop Drawings, Product Data or Samples unless the Contractor has specifically informed the City of Santa Fe's Representative in writing of such deviation at the time of submission and the City of Santa Fe's Representative has given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omissions in the Shop Drawings, Product Data or Samples by the City of Santa Fe's Representative's approval thereof.
- 4.12.7 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the City of Santa Fe's Representative on previous submittals.
- 4.12.8 No portion of the work requiring submission of a Shop Drawing, Product Data or Sample shall be commenced until the submittal has been approved by the City of Santa Fe's Representative as provided in Subparagraph 2.2.13. All such portions of the work shall be in accordance with approved submittals.

4.13 USE OF SITE

- 4.13.1 The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents and shall not reasonably encumber the site with any materials or equipment.
- 4.13.2 The Contractor shall hold and save the City of Santa Fe free and harmless from liability of any nature or kind arising from use, trespass or damage occasioned by third persons.

4.14 CUTTING AND PATCHING OF WORK

- 4.14.1 The Contractor shall be responsible for all cutting, fitting, patching or grading that may be required to complete the work or to make its several parts fit together properly.
- 4.14.2 The Contractor shall not damage or endanger any portion of the work or the work of the City of Santa Fe or any separate contracts by cutting, patching or otherwise altering any work, or by excavation. The Contractor shall not cut or otherwise alter the work of the City of Santa Fe or any separate Contractor except with the written consent of the City of Santa Fe and of such separate Contractor. The Contractor shall not unreasonably withhold from the City of Santa Fe or any separate Contractor his consent to cutting or otherwise altering the work.

4.15 CLEANING UP

- 4.15.1 The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by his operations. At the completion of the work, he shall remove all his waste materials and rubbish from and about the Project as well as all his tools, construction equipment, machinery and surplus materials.

- 4.15.2 If the Contractor fails to clean up at the completion of the work, the City of Santa Fe may do so as provided in Paragraph 3.4, and the cost thereof shall be charged to the Contractor.
- 4.15.3 The Contractor shall be solely responsible for performance of the following clean up:
- A. Debris: Regardless of the nature of the debris, it shall be immediately cleared form the work area. Each trade shall cooperate with other trades in the removal of debris and in keeping a clean job throughout.
 - B. Cleaning of All Painted, Decorated, and Stained Work: The Contractor shall remove all marks, stains, finger prints, and other soil or dirt from all painted, decorated, and stained work.
 - C. Removal of all Temporary Protections: The Contractor shall remove all temporary protections and shall clean all floors, furnishings and structures at completion.
 - D. Removal of all Spots, Soils, and Other Contaminants for Paved Surfaces: The Contractor shall remove all spots, soil and debris from all paved surfaces and shall wash the same upon completion.
 - E. Temporary Stockpiling of excavated material: There may be areas where the Contractor can temporarily stockpile material during the work day, but it shall be removed before the end of work, and all residents shall have access to their property at all times. Contractor shall verify proposed location(s) with the On-Site supervisor before utilizing any temporary stockpile location(s).
 - F. Cleaning of all Fixtures and Equipment: The Contractor shall clean all fixtures and equipment, removing all stains, paint, dirt, and dust.

4.16 COMMUNICATIONS

- 4.16.1 The Contractor shall forward all communications to the City of Santa Fe through the City of Santa Fe's Representative.
- 4.16.2 The Contractor shall designate a contact person to establish and maintain communication with all residents who will be affected by this construction. The Contractor shall contact all affected residents and businesses at least one week prior to commencing work and will provide updates at least weekly to the residents. Residents and businesses whose ingress and egress from their property will be temporarily blocked shall be given notice at least 48 hours prior to the blockage. Those residents and businesses shall be provided with a start and finish time when the blockage will occur. All access to properties will be restored each evening by 5 pm. Work on the project shall not commence before 8 am.

4.17 ROYALTIES AND PATENTS

- 4.17.1 The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the City of Santa Fe harmless from loss on account thereof, except that the City of Santa Fe shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified; but if the Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the City of Santa Fe's Representative.

4.18 INDEMNIFICATION

- 4.18.1 To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the City of Santa Fe and the City of Santa Fe's Representative and their agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself), including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligent act or omission by the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. Such negligence shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this Paragraph 4.18.

- 4.18.2 In any and all claims against the City of Santa Fe or the City of Santa Fe's Representative or any of their agents or employees by an employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Paragraph 4.18 shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.
- 4.18.3 The obligation of the Contractor under this Paragraph 4.18 shall not extend to the liability of the City of Santa Fe's Representative, his agents or employees, arising out of (1) the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications.

ARTICLE 5

SUBCONTRACTORS

5.1 DEFINITION

- 5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform any of the work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and masculine in gender and means a Subcontractor or his authorized representative. The term "Subcontractor" does not include any separate Contractor or his Subcontractors.
- 5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform any of the work at the Site.

5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

- 5.2.1 Unless otherwise required by the Contract Documents or the Bidding Documents, the Contractor, as soon as practicable after the award of the Contract, shall furnish to the City of Santa Fe and the City of Santa Fe's Representative in writing the names of the persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each of the principal portions of the work. The City of Santa Fe's Representative will promptly reply to the Contractor in writing stating whether or not the City of Santa Fe or the City of Santa Fe's Representative, after due investigation, has reasonable objection to any such proposed person or entity. Failure of the City of Santa Fe or the City of Santa Fe's Representative to reply promptly shall constitute notice of no reasonable objection.
- 5.2.2 The Contractor shall not contract with any such proposed person or entity to whom the City of Santa Fe or the City of Santa Fe's Representative has made reasonable objection under the provisions of Subparagraph 5.2.1. The Contractor shall not be required to contract with anyone to whom he has a reasonable objection.

5.3 SUBCONTRACTUAL RELATION

- 5.3.1 By an appropriate written agreement, the Contractor shall require each Subcontractor, to the extent of the work to be performed by the Subcontractor, to be bound to the Contractor by the terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities which the Contractor, by these Documents, assumes toward the City of Santa Fe and the City of Santa Fe's Representative. Said agreement shall preserve and protect the rights of the City of Santa Fe and the City of Santa Fe's Representative under the Contract Documents with respect to the work to be performed by the Subcontractor so that the subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the Contractor-Subcontractor agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by these Documents, has against the City of Santa Fe. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with his Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the Subcontract, copies of the Contract Documents to which the Subcontractor will be bound by this Paragraph 5.3, and identify to the Subcontractor any terms and conditions of the proposed Subcontract which may be at variance with the Contract Documents. Each Subcontractor shall similarly make copies of such Documents available to his Subcontractors.

ARTICLE 6

WORK BY CITY OF SANTA FE OR BY SEPARATE CONTRACTORS

6.1 CITY OF SANTA FE'S RIGHT TO PERFORM WORK AND TO AWARD SEPARATE CONTRACTS

- 6.1.1 The City of Santa Fe reserves the right to perform work related to the Project with his own forces, and to award separate contracts in connection with other portions of the Project or other work on the site under these or similar Conditions of the Contract. If the Contractor claims that delay or additional cost is involved because of such action by the City of Santa Fe, he shall make such claim as provided elsewhere in the Contract Documents.
- 6.1.2 When separate contracts are awarded for different portions of the Project or other work on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate City of Santa Fe -Contractor Agreement.
- 6.1.3 The City of Santa Fe will provide for the coordination of the work of his own forces and of each separate Contractor with the work of the Contractor, who shall cooperate therewith as provided in paragraph 6.2.
- 6.1.4 The City of Santa Fe will contract with a design engineer for work during this Project. The Contractor will plan to work around and with this other firm.

6.2 MUTUAL RESPONSIBILITY

- 6.2.1 The Contractor shall afford the City of Santa Fe and the separate Contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their work, and shall connect and coordinate his work with theirs as required by the Contract Documents.
- 6.2.2 If any part of the Contractor's work depends for proper execution or results upon the work of the City of Santa Fe or any separate Contractor, the Contractor shall, prior to proceeding with the work, promptly report to the City of Santa Fe's Representative any apparent discrepancies or defects in such other work that render it unsuitable for such proper execution and results. Failure of the Contractor so to report shall constitute an acceptance of the City of Santa Fe's or the separate Contractor's work as fit and proper to receive his work, except as to defects which may subsequently become apparent in such work by others.
- 6.2.3 Any costs caused by defective or ill-timed work shall be borne by the party responsible thereof.
- 6.2.4 Should the Contractor wrongfully cause damage to the work or property of the City of Santa Fe or to other work on the site, the Contractor shall promptly remedy such damage as provided in Subparagraph 10.2.5.
- 6.2.5 Should the Contractor wrongfully cause damage to the work or property of any separate Contractor, the Contractor shall upon due notice promptly attempt to settle with such other Contractor by agreement, or otherwise to resolve the dispute. If such separate Contractor sues or initiates an arbitration proceeding against the City of Santa Fe on account of any damage alleged to have been caused by the Contractor, the City of Santa Fe shall notify the Contractor, who shall defend such proceedings at the Contractor's expense, and if any judgment or award against the City of Santa Fe arises therefrom, the Contractor shall pay or satisfy it and shall reimburse the City of Santa Fe for all attorneys' fees and court or arbitration costs which the City of Santa Fe has incurred.

6.3 CITY OF SANTA FE'S RIGHT TO CLEAN UP

- 6.3.1 If a dispute arises between the Contractor and separate Contractors as to their responsibility for cleaning up as required by Paragraph 4.15, the City of Santa Fe may clean up and charge the cost thereof to the Contractors responsible therefore as the City of Santa Fe's Representative shall determine to be just.

ARTICLE 7

MISCELLANEOUS PROVISIONS

7.1 GOVERNING LAW

7.1.1 The Contract shall be governed by the law of the State of New Mexico.

7.1.2 The City of Santa Fe and the Contractor each binds himself, his partners, successors, assigns and legal representatives to the other party hereto and to the partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements, and obligations contained in the Contract Documents. Neither party to the Contract shall assign the Contract or sublet it as a whole without the written consent of the other, nor shall the Contractor assign any moneys due or to become due to him thereunder, without the previous written consent of the City of Santa Fe.

7.2 WRITTEN NOTICE

7.2.1 Written notice shall be deemed to have been dully served if delivered in person to the individual or member of the firm or entity or to an officer of the corporation for whom it was intended, or if delivered at or sent by registered or certified mail to the last business address known to him who gives the notice.

7.3 CLAIMS FOR DAMAGES

7.3.1 Should either party to the Contract suffer injury or damage to person or property because of any act or omission of the other party or of any of his employees, agents or others for whose acts he is legally liable, claim shall be made in writing to such other party within a reasonable time after the first observance of such injury or damage.

7.4 PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND

7.4.1 The Contractor to whom the Contract is awarded shall furnish and pay for reputable and approved Performance and Labor and Material Payment Bonds, each for the full amount of the Contract Sum. Bonds shall be executed on standard AIA forms.

7.5 RIGHTS AND REMEDIES

7.5.1 The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

7.5.2 No action or failure to act by the City of Santa Fe, the City of Santa Fe's Representative, or the Contractor shall constitute a waiver of any right or duty afforded any of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

7.6 TESTS

7.6.1 This work shall consist of compaction testing, material testing, and other testing in accordance with the plans and specifications. If the Contract Document, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any portion of the work to be inspected, tested or approved, the Contractor shall give the City of Santa Fe's Representative timely notice of its readiness so the City of Santa Fe's Representative may observe such inspection, testing or approval. The Contractor shall bear all costs of such inspections, tests or approvals. Tests specifically called for by specifications shall be made by a professional testing laboratory acceptable to the City of Santa Fe's Representative, and the Contractor shall employ same and pay all charges in connection therewith. Records of tests shall be delivered to the City of Santa Fe's Representative in duplicate on acceptable forms.

7.6.2 If the City of Santa Fe's Representative determines that any work requires special inspection, testing, or approval which Subparagraph 7.6.1 does not include, he will, upon written authorization from the City of Santa Fe, instruct the Contractor to order such special inspection, testing or approval, and the Contractor shall give notice as provided in Subparagraph 7.6.1. If such special inspection or testing reveals a failure of the work to comply with the requirements of the Contract Documents, the Contractor shall bear all costs thereof, including compensation for the City of Santa Fe's Representative's additional services made necessary by such failure; otherwise the City of Santa Fe shall bear such costs, and an appropriate Change Order shall be issued.

7.7 INTEREST

7.7.1 The City of Santa Fe will not pay interest on payments due and unpaid under the Contract Documents.

ARTICLE 8

TIME

8.1 DEFINITIONS

- 8.1.1 Unless otherwise provided, the Contract Time is the period of time allotted in the Contract Documents for Substantial Completion of the work as defined in Subparagraph 8.1.3, including authorized adjustments thereto.
- 8.1.2 The date of commencement of the work is the date established in a Notice to Proceed. If there is no Notice to Proceed, it shall be the date of the City of Santa Fe - Contractor Agreement or such other date as may be established therein.
- 8.1.3 The date of Substantial Completion of the work or designated portion thereof is the date certified by the City of Santa Fe's Representative and approved by the City of Santa Fe when construction is sufficiently complete, in accordance with the Contract Documents, so the City of Santa Fe can occupy or utilize the work or designated portion thereof for the use for which it is intended.
- 8.1.4 The term "day" as used in the Contract Document shall mean calendar day unless otherwise specifically designated.

8.2 PROGRESS AND COMPLETION

- 8.2.1 All time limits stated in the Contract Documents are the essence of the Contract.
- 8.2.2 The Contractor shall begin the work on the date of commencement as defined in Subparagraph 8.1.2. He shall carry the work forward expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

8.3 DELAYS AND EXTENSIONS OF TIME

- 8.3.1 If the Contractor is delayed at any time in the progress of the work by any act or neglect of the City of Santa Fe or the City of Santa Fe's Representative or by any employees of either, or by any separate Contractor employed by the City of Santa Fe or by changes ordered in the work, or by labor disputes, fire, unusual delay in unavoidable casualties, or any causes beyond the Contractor's control or by delay authorized by the City of Santa Fe pending arbitration, or by any other cause which the City of Santa Fe's Representative determines may justify the delay, then the Contract Time shall be extended by Change Order for such reasonable time as the City of Santa Fe's Representative may determine.
- 8.3.2 Any claim for extension of time shall be made in writing to the City of Santa Fe's Representative not more than twenty days after the commencement of the delay; otherwise it shall be waived. In the case of a continuing delay, only one claim is necessary. The Contractor shall provide an estimate of the probable effect of such delay on the progress of the work.
- 8.3.3 If written agreement is made stating the dates upon which interpretations shall be furnished, then no claim for delay shall be allowed on account of failure to furnish such interpretations until fifteen days after written request is made for them, and not then unless such claim is reasonable.
- 8.3.4 This Paragraph 8.3 does not exclude the recovery of damages for delay by either party under other provisions of the Contract Documents.

ARTICLE 9

PAYMENTS AND COMPLETION

9.1 CONTRACT SUM

- 9.1.1 The Contract Sum is stated in the City of Santa Fe - Contractor Agreement and including authorized adjustments thereto, is the total amount payable by the City of Santa Fe to the Contractor for the performance of the work under the Contract Documents.

9.2 SCHEDULE OF VALUES

- 9.2.1 Before the first Application for Payment, the Contractor shall submit to the City of Santa Fe's Representative a schedule of values allocated to the various portions of the work, prepared in such form and supported by such data to substantiate its accuracy as the City of Santa Fe's Representative may require. This schedule, unless objected to by the City of Santa Fe's Representative, shall be used only as a basis for the Contractor's Applications for payment.

9.3 APPLICATIONS FOR PAYMENT

- 9.3.1 At least ten days before the date for each progress payment established in the City of Santa Fe -Contractor Agreement, the Contractor shall submit to the City of Santa Fe's Representative an itemized Application for Payment, notarized if required, supported by such data substantiating the Contractor's right to payment as the City of Santa Fe or the City of Santa Fe's Representative may require and reflecting retainage, if any, as provided elsewhere in the Contract Documents. On the City of Santa Fe's Representative's recommendation, and after the Project is 50% or more complete, and if the Project is on schedule, the retainage may be reduced with the approval of the City of Santa Fe. The full Contract retainage may be reinstated if the manner of completion of the work and its progress do not remain satisfactory to the City of Santa Fe's Representative and the City of Santa Fe.
- 9.3.2 Unless otherwise provided in the Contract Documents, payments will be made on account of materials or equipment not incorporated in the work but delivered and suitably stored at the site; and, if approved in advance by the City of Santa Fe payments may similarly be made for materials or equipment suitably stored at some other location agreed upon in writing. Payments for materials or equipment stored on or off the site shall be conditioned upon submission by the Contractor of bills of sale or such other procedures satisfactory to the City of Santa Fe to establish the City of Santa Fe's title to such materials or equipment or otherwise protect the City of Santa Fe's interest, including applicable insurance and transportation to the site for those materials and equipment stored off the site.
- 9.3.3 The Contractor warrants that title to all work, materials and equipment covered by an Application for Payment will pass to the City of Santa Fe either by incorporation in the construction or upon the receipt of payment by the Contractor, whichever occurs first, free and clear of all liens, claims, security interest or encumbrances hereinafter referred to in this Article 9 as "liens"; and that no work, materials or equipment covered by an Application for Payment will have been acquired by the Contractor, or by any other person performing work at the site or furnishing materials or equipment for the Project, subject to an agreement under which an interest therein or an encumbrance thereon is retained by the seller or otherwise imposed by the Contractor or such other person.

9.4 CERTIFICATES FOR PAYMENT

- 9.4.1 The City of Santa Fe's Representative will, within seven days after the receipt of the Contractor's Application for Payment, either issue a Certificate for Payment to the City of Santa Fe with a copy to the Contractor for such amount as the City of Santa Fe's Representative determines is properly due, or notify the Contractor in writing of his reasons for withholding a Certificate as provided in Subparagraph 9.6.1.
- 9.4.2 The issuance of Certificate for Payment will constitute a representation by the City of Santa Fe's Representative to the City of Santa Fe, based on his observations at the site and the data comprising the Application for Payment, that the work has progressed to the point indicated; that, to the best of his knowledge, information and belief, the quality of the work is in accordance with the Contract Documents (subject to an evaluation of the work for conformance with the Contract Documents upon Substantial Completion, to the results of any subsequent tests required by or performed under the Contract Documents correctable prior to completion, and to any specific qualifications stated in his Certificate); and that the Contractor is entitled to payment in the amount certified. However, by issuing a Certificate for Payment, the City of Santa Fe's Representative shall not thereby be deemed to represent that he has made exhaustive or continuous on-site inspections to check the quality or

quantity of the work or that he has reviewed the construction means, methods, techniques, sequences or procedures, or that he has made any examination to ascertain how or for what purpose the Contractor has used the moneys previously paid on account of the Contract Sum.

9.5 PROGRESS PAYMENTS

- 9.5.1 After the City of Santa Fe's Representative has issued a Certificate for Payment, the City of Santa Fe shall make payment in the manner and within the time provided in the Contract Documents.
- 9.5.2 The Contractor shall promptly pay each Subcontractor upon receipt of payment from the City of Santa Fe, out of the amount paid to the Contractor on account of such Subcontractor's work, the amount to which said Subcontractor is entitled, reflecting the percentage actually retained, if any, from payments to the Contractor on account of such Subcontractor's work. The Contractor shall, by an appropriate agreement with each Subcontractor, require each Subcontractor to make payment to his Subcontractors in similar manner.
- 9.5.3 The City of Santa Fe's Representative may, on request and at his discretion, furnish to any Subcontractor, if practicable, information regarding the percentages of completion or the amounts applied for by the Contractor and the action taken thereon by the City of Santa Fe's Representative on account of work done by such Subcontractor.
- 9.5.4 Neither the City of Santa Fe nor the City of Santa Fe's Representative shall have any obligation to pay or to see to the payment of any moneys to any Subcontractor except as may otherwise be required by law.
- 9.5.5 No Certificate for progress payment, no progress payment, nor any partial or entire use of occupancy of the Project by the City of Santa Fe shall constitute an acceptance of any work not in accordance with the Contract Documents.

9.6 PAYMENT WITHHELD

- 9.6.1 The City of Santa Fe's Representative may decline to certify payment and may withhold his Certificate in whole or in part, to the extent necessary to reasonably protect the City of Santa Fe, if in his opinion he is unable to make representations to the City of Santa Fe as provided in Subparagraph 9.4.2.
- 9.6.2. If the City of Santa Fe's Representative is unable to make representations to the City of Santa Fe, as provided in Subparagraph 9.4.2 and to certify payment in the amount of the Application, he will notify the Contractor as provided in Subparagraph 9.4.1. If the Contractor and City of Santa Fe's Representative cannot agree on a revised amount, the City of Santa Fe's Representative will promptly issue a Certificate for Payment for the amount for which he is able to make such representations to the City of Santa Fe. The City of Santa Fe's Representative may also decline to certify payment, or because of subsequently discovered evidence or subsequent observations, he may nullify the whole or any part of any Certificate for Payment previously issued, to such extent as may be necessary in his opinion to protect the City of Santa Fe from loss because of:
- A) Defective work not remedied;
 - B) Third party claims filed or reasonable evidence indicating probable filing of such claims;
 - C) Failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment;
 - D) Reasonable evidence that the work cannot be completed for the unpaid balance of the Contract Sum;
 - E) Damage to the work of another Contractor;
 - F) Reasonable evidence that the work will not be completed within the Contract Time; or,
 - G) Failure to carry out the work in accordance with the Contract Documents.
- 9.6.2 When the above grounds in Subparagraph 9.6.1 are removed or remedied, payment shall be made for amounts withheld because of them.

9.7 FAILURE OF PAYMENT

- 9.7.1 If the City of Santa Fe's Representative does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the City of Santa Fe does not pay the Contractor within seven days after the date established in the Contract Documents any amount certified by the City of Santa Fe's Representative, then the Contractor may, upon seven additional days' written notice to the City of Santa Fe and the City of Santa Fe's Representative, stop the work until payment of the amount owing has been received. The Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shut-down, delay and start-up, which shall be effected by appropriate Change Order in accordance with Paragraph 12.3.

9.8 SUBSTANTIAL COMPLETION

- 9.8.1 When the Contractor considers that the work, or a designated portion thereof which is acceptable to the City of Santa Fe, is substantially complete as defined in Subparagraph 8.1.3, the Contractor shall prepare for submission to the City of Santa Fe's Representative a list of items to be completed or corrected. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all work in accordance with the Contract Documents. When the City of Santa Fe's Representative, with the City of Santa Fe, on the basis of an inspection determines that the work or designated portion thereof is substantially complete, he will then prepare a Certificate of Substantial Completion Form, AIA Document G704-1978, which shall establish the Date of Substantial Completion, shall state the responsibilities of the City of Santa Fe and the Contractor for security and maintenance, and the time within which the Contractor shall complete the items listed therein. Warranties required by the Contract Documents shall commence on the date of Final Completion of the work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion. The Certificate of Substantial Completion shall be submitted to the Contractor and the City of Santa Fe for their written acceptance of the responsibilities assigned to them in such Certificate.
- 9.8.2 Upon Substantial Completion of the work or designated portion thereof and upon application by the Contractor and certification by the City of Santa Fe's Representative, the City of Santa Fe shall make payment, reflecting adjustment in retainage, if any, for such work or portion thereof, as provided in the Contract Documents.

9.9 FINAL COMPLETION AND FINAL PAYMENT

- 9.9.1 Upon receipt of written notice that the work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the City of Santa Fe's Representative will promptly make such inspection and, if he finds the work acceptable under the Contract Documents and the Contract fully performed, he will promptly issue final Certificate for Payment stating that, to the best of his observations and inspections, the work has been completed in accordance with the terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor and noted in said Final Certificate, is due and payable. The City of Santa Fe's Representative's Final Certificate of payment will constitute a further representation that the conditions precedent to the Contractor's being entitled to final payment as set forth in Subparagraph 9.9.2 have been fulfilled.
- 9.9.2 Neither the final payment nor the remaining retained percentage shall become due until the Contractor submits to the City of Santa Fe's Representative (1) an affidavit that all payrolls, bills for materials and equipment, and other indebtedness connected with the work for which the City of Santa Fe or his property might in any way be responsible have been paid or otherwise satisfied, (2) consent of surety, if any, to final payment, and (3) if required by the City of Santa Fe, other data establishing payment or satisfaction of all such obligations, such as receipts, releases and waivers of liens arising out of the Contract, to the extent and in such form as may be designed by the City of Santa Fe. If any Subcontractor refuses to furnish a release or waiver required by the City of Santa Fe the Contractor may furnish a bond satisfactory to the City of Santa Fe to indemnify him against any such lien. If any such lien remains unsatisfied after all payments are made, the Contractor shall refund to the City of Santa Fe all moneys that the latter may be compelled to pay in discharging such lien, including all costs and reasonable attorneys' fees.
- 9.9.3 If, after Substantial Completion of the work, final completion thereof is materially delayed through no fault of the Contractor or by the issuance of Change Orders affecting final completion, and the City of Santa Fe's Representative so confirms, the City of Santa Fe shall, upon application by the Contractor and certification by the City of Santa Fe's Representative and without terminating the Contract, make payment of the balance for that portion of the work fully completed and accepted. If the remaining balance for work not fully completed or corrected is less than the retainage stipulated in the Contract Document, and if bonds have been furnished as

provided in Paragraph 7.4, the written consent of the surety to the payment of the balance due for that portion of the work fully completed and accepted shall be submitted by the Contractor to the City of Santa Fe's Representative prior to certification of such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

- 9.9.4 The making of final payment shall constitute a waiver of all claims by the City of Santa Fe except those arising from:
- A) Unsettled liens;
 - B) Faulty or defective work appearing after Substantial Completion;
 - C) Failure of the work to comply with the requirements of the Contract Documents; and
 - D) Terms of any special warranties required by the Contract Documents.
- 9.9.5 The acceptance of final payment shall constitute a waiver of all claims by the Contractor except those previously made in writing and identified by the Contractor as unsettled at the time of the final Application for Payment.
- 9.9.6 **No Final Payment shall be made until Contractor has submitted a full set of accepted "As-Built" documentation and drawings, manuals and accessory/operation cables.**

ARTICLE 10

PROTECTION OF PERSONS AND PROPERTY

10.1 SAFETY PRECAUTIONS AND PROGRAMS

- 10.1.1 The Contractor shall be responsible in initiating, maintaining and supervising all safety precautions and programs in connection with the work.

10.2 SAFETY OF PERSONS AND PROPERTY

- 10.2.1 The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:
- 10.2.1.1 All employees on the work and all other persons who may be affected thereby;
 - 10.2.1.2 All the work and all materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of the Contractor or any of his Subcontractors or Sub-subcontractors; and
 - 10.2.1.3 Other properties at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- 10.2.2 The Contractor shall give all notices and comply with all applicable laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss.
- 10.2.3 The Contractor shall erect and maintain, as required by existing conditions and progress of the work, all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying City of Santa Fe's and users of adjacent utilities.
- 10.2.4 When the use or storage of explosives or other hazardous materials or equipment is necessary for the execution of the work, the Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel.
- 10.2.5 The Contractor shall promptly remedy all damage or loss (other than damage or loss insured under paragraph 11.3) to any property referred to in Clauses 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, any Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable and for which the Contractor is responsible under clauses 10.2.1.2 and 10.2.1.3, except damage or loss attributable to the acts or omissions of the City of Santa Fe or the City of Santa Fe's Representative or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations

of the Contractor are in addition to his obligations under Paragraph 4.18.

10.2.6 The Contractor shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor’s Superintendent unless otherwise designated by the Contractor in writing to the City of Santa Fe and the City of Santa Fe’s Representative.

10.2.7 The Contractor shall not load or permit any part of the work to be loaded so as to endanger its safety.

10.3 EMERGENCIES

10.3.1 In any emergency affecting the safety of persons or property, the Contractor shall act, at his reasonable discretion, to prevent threatened damage, injury or loss. Any additional compensation or extension of time claimed by the Contractor on account of emergency work shall be determined as provided in Article 12 for changes in the work.

ARTICLE 11

INSURANCE

11.1 CONTRACTOR’S LIABILITY INSURANCE

11.1.1. The Contractor shall carry insurance to protect the City of Santa Fe from and against all claims, demands, actions, judgments, costs, expenses and liabilities which may arise or result directly or indirectly from or by reasons of loss, injury or damage related to the Project. The Contractor shall file with the City of Santa Fe current certificates evidencing public liability insurance with limits as provided in the New Mexico Tort Claims Act, Section 41-4-19 NMSA 1978, and as that section or successors section may be amended from time to time. The contractor shall also carry such insurance as it deems necessary to protect it from all claims under any workmen's compensation law in effect that may be applicable to the Contractor. All insurance required by this Agreement shall be kept and remain in full force and effect for the entire life of this Agreement.

11.1.2. The insurance coverage shall include worker's compensation, employer’s liability, comprehensive general liability (Premises-Operations, independent contractors, products and completed operations, broad form property damage, contractual liability, explosion and collapse hazard, underground Hazard, personal injury) comprehensive automobile liability (owned and hired), excess liability (umbrella form), and all-risk builder's risk.

11.1.3. All insurance coverage must be maintained for the entire life of the Project. Products and completed operations coverage shall be maintained for a minimum period of one (1) year after final payment.

11.1.4. A valid certificate of insurance must be submitted to the City of Santa Fe prior to issuance of a Notice-to-Proceed.

Type of Required Coverage	Minimum Limits of Liability
Workman’s compensation (including accident and occupational disease coverage)	Statutory
Employer’s Liability	\$100,000
Comprehensive General Liability (including endorsements providing broad form property damage coverage, personal injury coverage, and contractual assumption of liability coverage for all liability the Contractor has assumed under his Contract).	Bodily injury liability: \$500,000 each occurrence; \$1,000,000 aggregate. Property damage liability: \$500,000 each occurrence; \$1,000,000 aggregate.
Auto Liability (including non-owned auto coverage)	Bodily injury liability: \$500,000 each person; \$1,000,000 each occurrence. Property damage liability: \$1,000,000 each occurrence

11.1.5 Certificates of Insurance acceptable to the City of Santa Fe shall be filed with the City of Santa Fe prior to

commencement of the work. These Certificates shall contain a provision that coverage afforded under the policies will not be canceled until at least thirty days' prior written notice has been given to the City of Santa Fe. The Contractor shall furnish one (1) copy of each of the Certificates of insurance herein required for each copy of the Contract.

11.2 CITY OF SANTA FE'S LIABILITY INSURANCE

11.2.1 The City of Santa Fe shall be responsible for purchasing and maintaining his own liability insurance and, at his option, may purchase and maintain such insurance as will protect him against all claims which may arise from operations under the Contract.

11.3 PROPERTY INSURANCE

11.3.1 The Contractor shall maintain traditional course of construction insurance upon the work at the site for at least the actual cash value thereof. The traditional course of construction insurance shall cover the interests of the City of Santa Fe, the Contractor, Subcontractors, and Sub-subcontractors in the work. The insurance shall insure against at least the following perils: fire extended coverage, vandalism, malicious mischief, and flood insurance with a deductible of no more than \$25,000. The Contractor shall bear the cost of such insurance and include its cost in the Bid.

11.3.2 Any loss insured under Subparagraph 11.3.1 is to be adjusted with the City of Santa Fe and made payable to the City of Santa Fe as trustee for the insured, as their interests may appear subject to the requirements of any applicable mortgage clause. The City of Santa Fe shall deposit the proceeds in a separate account and shall distribute them in accordance with such agreement as the parties in interest, including the City of Santa Fe, may reach. The Contractor shall pay each Subcontractor a just share of any insurance proceeds which the Contractor receives and shall require by written agreement signed by the Subcontractor that the Subcontractor will make payments to his Sub-subcontractors in a similar manner. If after such loss no other special agreement is made, replacement of damaged work shall be covered by an appropriate order.

11.3.3 To the extent permitted under their respective property insurance policies, the City of Santa Fe and the Contractor hereby waive all rights, each against the other, for damages caused by fire or other perils to the extent covered by Insurance obtained pursuant to this Article 11 or any other property insurance applicable to the work, except such rights as they may have to the proceeds of such Insurance held by the City of Santa Fe as trustee. The City of Santa Fe or the Contractor, as appropriate, shall require the City of Santa Fe's Representative, other Contractors, Subcontractors, and Sub-subcontractors to similarly waive rights of subrogation or property insurers.

11.3.4 If the City of Santa Fe finds it necessary to occupy use of any portion of the work prior to Substantial Completion, such occupancy or use shall not commence prior to the time mutually agreed to by the City of Santa Fe and the Contractor and, if required by the applicable insurance or self-insurance coverage not prior to the time the builder's risk property insurer has consented to such occupancy or use. The Contractor's consent to such occupancy or use shall not be unreasonably withheld.

11.4 LOSS OF USE INSURANCE

11.4.1 The City of Santa Fe, at his option, may purchase and maintain such insurance as will insure him against loss of use of his property due to fire or other hazards, however caused.

ARTICLE 12

CHANGES IN THE WORK

12.1 CHANGE ORDERS

- 12.1.1 A Change Order is a written order to the Contractor signed by the City of Santa Fe's Representative and the Contractor and approved in writing by the City of Santa Fe. A Change Order may be issued only after the execution of the Contract and shall be the only means used to order changes in the work for which the Contractor requires additional compensation, changes to the Contract Time, or changes to the Contract Sum. Minor changes in the work for which the Contractor requires no additional compensation or time shall be executed in accordance with the provision of Subparagraph 12.3.1.
- 12.1.2 The City of Santa Fe, without invalidating the Contract, may order changes in the work within the general scope of the Contract consisting of additions, deletions or other revisions, the Contract Sum and the Contract Time being adjusted accordingly. All such changes in the work shall be authorized by Change Order and shall be performed under the applicable conditions of the Contract Documents.
- 12.1.3 The cost or credit to the City of Santa Fe resulting from a change in the work shall be determined in one or more of the following ways:
- A) By mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
 - B) By unit prices stated in the Contract Documents or subsequently agreed upon;
 - C) By cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee; or
 - D) By the method provided in Subparagraph 12.1.4.
- 12.1.4 If none of the methods set forth in Clauses 12.1.2 or 12.1.3 is agreed upon, the Contractor, provided he receives a written order signed by the City of Santa Fe, shall promptly proceed with the work involved. The cost of such work shall be determined by the City of Santa Fe's Representative on the basis of the reasonable expenditures and savings of those performing the work attributable to the change, including, in the case of an increase in the Contract Sum, a reasonable allowance for overhead and profit. In such case, the Contractor shall keep and present, in such form as the City of Santa Fe's Representative may prescribe, an itemized accounting together with appropriate supporting data for inclusion in a Change Order. Unless otherwise provided in the Contract Documents, cost shall be limited to the following: cost of materials, including sales tax and cost of delivery; cost of labor, including social security, old age and unemployment insurance, and fringe benefits, required by agreement or custom, workers' or workmen's compensation insurance; bond premiums; rental value of equipment and machinery; and the additional costs of supervision and field office personnel directly attributable to the change. Pending final determination of cost to the City of Santa Fe payments on account shall be made on the City of Santa Fe's Representative's Certificate for payment. The amount of credit to be allowed by the Contractor to the City of Santa Fe for any deletion or change which results in a net decrease in the Contract Sum will be the amount of the actual net cost as confirmed by the City of Santa Fe's Representative. When both additions and credits covering related work or substitutions are involved in any one change, the allowance for overhead and profit shall be figured on the basis of the net increase, if any, with respect to that change.
- 12.1.5 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if the quantities originally contemplated are so changed in a proposed Change Order that application of the agreed unit prices to the quantities of work proposed will cause substantial inequity to the City of Santa Fe or the Contractor, the applicable unit prices shall be equitably adjusted.
- 12.1.6 By submission of a Bid, the Contractor agrees and binds himself to the following method of calculating Change Order costs. The City of Santa Fe also agrees to the following method of calculating the cost of any changes to the Contract. With each proposal for a change in the amount of the Contract, the Contractor shall submit an itemized breakdown of all increases or decreases in the cost of the Contractor's and all Subcontractor's and Sub-subcontractor's work to include at least the following detail in the general order listed:
- A) Material quantities and unit costs;
 - B) Labor amounts and hourly rates (identified with specific items of material to be placed or operation to be performed);

- C) Costs inherent in use of Contractor/Sub-subcontractor owned equipment;
- D) Equipment rental, if any;
- E) Workmen's compensation and public liability insurance;
- F) General administration, overhead, supervision, project insurance and profit, based on the following schedule:

<u>Subtotal before Applying the Percentage Shown</u>	<u>\$500 & Less</u>	<u>Over \$500</u>
Contractor for work performed by his own forces	22%	19%
Contractor for work performed by Subcontractor	10%	8%
Subcontractor for work performed by his own forces	18%	15%
Subcontractor for work performed by Sub-subcontractor	10%	8%
Sub-subcontractor for work performed by his own forces	18%	15%

- G) Employment taxes under FICA and FUTA; and
- H) State gross receipts tax (Contractor only).

12.1.7 The quotation for work under a Change Order shall be binding for sixty (60) days from the date submitted by the Contractor.

12.2 CONCEALED CONDITIONS

12.2.1 Should concealed conditions encountered in the performance of the work below the surface of the ground or should concealed or unknown conditions in an existing structure be at variance with the conditions indicated by the Contract Documents, or should unknown physical conditions below the surface of the ground or should concealed or unknown conditions in an existing structure of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in work of the Character provided for in this Contract, be encountered, the Contract Sum shall be equitably adjusted by Change Order upon verified claim by either party made within twenty days after the first observance of the conditions.

12.2.2 If the Contractor wishes to make a claim for an increase in the Contract Sum, he shall give the City of Santa Fe's Representative written notice thereof within twenty days after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the work, except in an emergency endangering life or property, in which case the Contractor shall proceed in accordance with Paragraph 10.3. No such claim shall be valid unless so made. If such claims are justified and the City of Santa Fe authorizes an increase in the Contract Sum, the City of Santa Fe and the Contractor shall proceed to negotiate the amount of the adjustment in the Contract Sum. If the City of Santa Fe and the Contractor cannot agree on the amount of the adjustment in the Contract Sum, it shall be determined by the City of Santa Fe's Representative. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order.

12.2.3 If the Contractor claims that additional cost is involved because of, but not limited to, (1) any written interpretation, (2) any order by the City of Santa Fe to stop the work pursuant to Paragraph 3.3 where the Contractor was not at fault, (3) any written order for a minor change in the work issued pursuant to Paragraph 12.3.1 or (4) failure of payment by the City of Santa Fe pursuant to Paragraph 9.7, the Contractor shall make such claims as provided in Subparagraph 12.2.2.

12.3 MINOR CHANGES IN THE WORK

12.3.1 The City of Santa Fe's Representative will have authority to order minor changes in the work not involving an adjustment in the Contract Sum or an extension of the Contract Time and not inconsistent with the intent of the

Contract Documents. Such changes shall be effected by written order and shall be binding on the City of Santa Fe and the Contractor. The Contractor shall carry out such written orders promptly.

ARTICLE 13

UNCOVERING AND CORRECTION OF WORK

13.1 UNCOVERING OF WORK

- 13.1.1 If any portion of the work should be covered contrary to the request of the City of Santa Fe's Representative or to requirements specifically expressed in the Contract Documents, it must, if required in writing by the City of Santa Fe's Representative, be uncovered for his observation and shall be replaced at the Contractor's expense.
- 13.1.2 If any portion of the work has been covered which the City of Santa Fe's Representative has not specifically requested to observe prior to being covered, the City of Santa Fe's Representative may request to see such work and it shall be uncovered by the Contractor. If such work is found to be in accordance with the Contract Documents, the cost of uncovering and replacement shall, by appropriate Change Order, be charged to the City of Santa Fe. If such work is found to be not in accordance with the Contract Documents, the Contractor shall pay such costs unless it is found that this condition was caused by the City of Santa Fe or a separate Contractor as provided in Article 6, in which case the City of Santa Fe shall be responsible for the payment of such costs.

13.2 CORRECTION OF WORK

- 13.2.1 The Contractor shall promptly correct all work rejected by the City of Santa Fe's Representative as defective or as failing to conform to the Contract Documents whether observed before or after Substantial Completion and whether or not fabricated, installed or completed. The Contractor shall bear all costs of correcting such rejected work, including compensation for the City of Santa Fe's Representative's additional services made necessary thereby.
- 13.2.2 If, within one year after the Date of Substantial Completion of the work or designated portion thereof or within one year after acceptance by the City of Santa Fe of designated equipment or within such longer period of time as may be prescribed by law or by the terms of any applicable special warranty required by the Contract Documents, any of the work is found to be defective or not in accordance with the Contract Documents, the Contractor shall correct it promptly after receipt of a written notice from the City of Santa Fe to do so unless the City of Santa Fe has previously given the Contractor a specific written acceptance of such condition. This obligation shall survive termination of the Contract. The City of Santa Fe shall give such notice promptly after discovery of the condition.
- 13.2.3 The Contractor shall remove from the site all portions of the work which are defective or non-conforming and which have not been corrected under Subparagraphs 4.5, 13.2.1 and 13.2.2, unless removal is specifically waived in writing by the City of Santa Fe.
- 13.2.4 If the Contractor fails to correct defective or non-conforming work as provided in Subparagraph 4.5.1, 13.2.1 and 13.2.2, the City of Santa Fe may correct it in accordance with Paragraph 3.4.
- 13.2.5 If the Contractor does not proceed with the correction of such defective or non-conforming work within a reasonable time fixed by written notice from the City of Santa Fe's Representative, the City of Santa Fe may remove it and may store the materials or equipment at the expense of the Contractor. If the Contractor does not pay the cost of such removal and storage within ten days thereafter, the City of Santa Fe may upon ten additional days' written notice sell such work at auction or at private sale and shall account for the net proceeds thereof, after deducting all the costs that should have been borne by the Contractor including compensation for the City of Santa Fe's Representative's additional services made necessary thereby. If such proceeds of sale do not cover all costs which the Contractor should have borne, the difference shall be charged to the Contractor and an appropriate Change Order shall be issued. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the City of Santa Fe.
- 13.2.6 The Contractor shall bear the cost of making good all work of the City of Santa Fe or separate Contractors destroyed or damaged by such correction or removal.
- 13.2.7 Nothing contained in this Paragraph 13.2 shall be construed to establish a period of limitation with respect to any other obligation which the Contractor might have under the Contract Documents, including Paragraph 4.5 hereof.

The establishment of the time period of one year after the Date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any warranty required by the Contract Documents relates only to the Contractor to correct the work and has no relationship to the time within which his obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to his obligations other than specifically to correct the work.

13.3 ACCEPTANCE OF DEFECTIVE OR NON-CONFORMING WORK

- 13.3.1 If the City of Santa Fe prefers to accept defective or non-conforming work, he may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect a reduction in the Contract Sum where appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 14

TERMINATION OF THE CONTRACT

14.1 TERMINATION BY THE CONTRACTOR

- 14.1.1 If the work is stopped for a period of thirty days under an order of court or other public authority having jurisdiction, or as a result of an act of government, such as a declaration of a national emergency making materials unavailable, through no act or fault of the Contractor or a Sub-contractor or their agents or employees or any other persons performing any of the work under a contract with the Contractor, or because the City of Santa Fe's Representative has not issued a Certificate for payment as provided in Paragraph 9.7, or because the City of Santa Fe has not made payment thereon as provided in paragraph 9.7, then the Contractor may, upon seven additional days' written notice to the City of Santa Fe and the City of Santa Fe's Representative, terminate the Contract and recover from the City of Santa Fe payment for all work executed and for any proven loss sustained upon any materials, equipment, tools, construction equipment and machinery, including reasonable profit and damages.

14.2 TERMINATION BY THE CITY OF SANTA FE

- 14.2.1 If the Contractor is adjudged bankrupt, or if he makes a general assignment for the benefit of his creditors, or if a receiver is appointed on account of his insolvency, or if he persistently or repeatedly refuses or fails, except in cases for which extension of time is provided, to supply enough properly skilled workmen or proper materials, or if he fails to make prompt payment to Subcontractors for material or labor, or persistently disregards laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction, or otherwise is guilty of a substantial violation of a provision of the Contract Documents, then the City of Santa Fe, upon certification by the City of Santa Fe's Representative that sufficient cause exists to justify such action, may without prejudice to any right or remedy and after giving the Contractor and his surety, if any, seven days written notice, terminate the employment of the Contractor and take possession of the site and of all material, tools, construction equipment and machinery thereon owned by the Contractor and may finish the work by whatever method he may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished.
- 14.2.2 If the unpaid balance of the Contract Sum exceeds the costs of finishing the work, including compensation for the City of Santa Fe's Representative's additional services made necessary thereby, and any damages sustained by the City of Santa Fe as a result of the Contractor's breach, such excess shall be paid to the Contractor. If such costs exceed the unpaid balance, the Contractor shall pay the difference to the City of Santa Fe. The amount to be paid to the Contractor or to the City of Santa Fe, as the case may be, shall be certified by the City of Santa Fe's Representative upon application, in the manner provided in paragraph 9.4 and this obligation to the Contractor or to the City of Santa Fe, as the case may be, shall be certified by the City of Santa Fe's Representative upon application, in the manner provided in Paragraph 9.4 and this obligation for payment shall survive the termination of the Contract.
- 14.2.3 In the event that the Project is abandoned by the City of Santa Fe, the City of Santa Fe may terminate this contract at any time by giving at least seven (7) days' notice to the Contractor. In the event of termination, all work completed shall become the property of the City of Santa Fe. The Contractor shall be entitled to receive compensation for actual work satisfactorily completed hereunder, including reimbursable expense authorized by the City of Santa Fe which are then due.

- 14.2.4 In the event the Contractor fails to perform the work in accordance with the Contract Documents, the City of Santa Fe may terminate the Contract after giving the Contractor five (5) working days' notice.

ARTICLE 15

EQUAL OPPORTUNITY

- 15.1 The Contractor shall maintain policies of employment as follows:
- 15.1.1 The Contractor, all Subcontractors, and all Sub-subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin. The Contractor shall take affirmative action to ensure that applicants are employed and that employees are treated without discrimination during employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous place, available to employees and applicants for employment, notices setting forth the policies of non-discrimination.
- 15.1.2 The Contractor, all Subcontractors, and all Sub-subcontractors shall, in all solicitation or advertisements for employees placed by them or on their behalf, state that all qualified applicant will receive consideration for employment without regard to race, religion, color, sex, or national origin.

ARTICLE 16

MINIMUM WAGE RATES

- 16.1 The project is not subject to a New Mexico State Wage Rate Decision at the time of bidding, but if a project is executed for \$60,000 or more, a Wage Rate Decision will be requested and the Contractor will be required to follow all of its rules and regulations and a Bid Bond will be required for that project. A recent Wage Rate Table is attached for Contractor information only. This project is subject to the City of Santa Fe's Minimum Wage Ordinance which is attached.

SUPPLEMENTARY CONDITIONS

(SECTION 008000)

SUPPLEMENTARY CONDITIONS (SECTION 008000)

SUPPLEMENTARY CONDITIONS

This document is intended to be used in conjunction with the General Conditions of the Contract.

ADDITIONAL CONDITIONS

- 1.0 DEFINITIONS - The following definitions shall apply through the Bidding Documents or Contract Documents unless otherwise specified.
- 1.1 ADDENDUM: Written or graphic instrument issued prior to the execution of the Contract which modifies or interprets the Bidding Documents, including Drawings and Specifications, by additions, deletions, clarifications or corrections. Addenda will become part of the Contract Documents when the Construction Contract is executed. Plural: ADDENDA
- 1.2 ADDITIVE OR DEDUCTIVE ALTERNATE BID: Amount stated in the Bid to be added or deducted from the amount of the Base Bid if the corresponding change in project scope or alternate materials and/or methods of construction is accepted.
- 1.3 BASE BID: Amount of money stated in the Bid as the sum for which the Bidder offers to perform the work, not including that work for which Alternate Bids are also submitted.
- 1.4 BID: A complete and properly signed proposal to do the work or designated portion thereof for the sums stipulated therein, supported by data called for by the Bidding Documents.
- 1.5 BID LOT: A major item of work for which a separate quotation or proposal is requested.
- 1.6 BIDDER: One who submits a Bid for a prime contract with the City of Santa Fe, as distinct from a Subcontractor, who submits a Bid to a Bidder. Technically, a Bidder is not a Contractor on a specific project until a contract exists between him and the City of Santa Fe.
- 1.7 BIDDING DOCUMENTS: Documents that include the Invitation for Bid, Instructions to Bidders, the Bid Form, other sample bidding and contract forms, and the proposed Contract Documents, including any Addenda issued prior to receipt of Bids. The Contract Documents proposed for the work consist of the City of Santa Fe - Contractor Agreement, the Conditions of the Construction Contract (General, Supplementary, and Other Conditions), the Drawings, the Specifications, and all Addenda issued prior to and all Modifications issued after execution of the Contract.
- 1.8 DAY: Calendar day, which is every day shown on the calendar, beginning and ending at midnight.
- 1.9 CENTRAL PURCHASING OFFICE: The Central Purchasing Office is the City of Santa Fe Purchasing Department.
- 1.10 GOVERNING AUTHORITY: The Governing Authority of the City of Santa Fe for the execution of construction contracts is the Mayor and City Manager.
- 1.11 INVITATION FOR BID: The Bidding Documents utilized for soliciting sealed Bids. "Invitation to Bid" shall have the same meaning as "Invitation for Bid".
- 1.12 CITY OF SANTA FE: The City of Santa Fe, New Mexico.
- 1.13 PROCUREMENT OFFICER: The Director of the Purchasing Division, or a designee authorized to enter into or administer contracts and make written determination with respect thereto.
- 1.14 RESPONSIBLE BIDDER: A Bidder who submits a responsive Bid and who has furnished, when required, information and data to prove that his financial resources, production or service facilities, personnel, service reputation, and experience are adequate to make satisfactory delivery of the services, construction, or items of tangible personal property described in the Bidding Documents (13-1-82, NMSA 1978).

- 1.15 **SUCCESSFUL BIDDER:** The lowest qualified and responsible Bidder to whom the City of Santa Fe, on the basis of the City of Santa Fe's evaluation, makes an award.
- 1.16 **UNIT PRICES:** Amounts stated in the Contract as prices per unit of measurement for materials or services as described in the Contract Documents.
- 1.17 **USER:** The City of Santa Fe or agencies or designated entity for whose use the Project is being constructed.

2.0 CONTRACT AUDIT

The City of Santa Fe shall be entitled to audit the books and records of a Contractor or any Subcontractor under any negotiated contract or subcontract other than a firm fixed-price contract to the extent that such books and records relate to the performance of such contract or subcontract. Such books and records shall be maintained by the Contractor for a period of three years from the date of final payment under the prime contract and by the Subcontractor for a period of three years from the date of final payment under the subcontract unless a shorter period is otherwise authorized in writing (13-1-161, NMSA 1978).

3.0 DEBARRED OR SUSPENDED CONTRACTORS

A business (Contractor, Subcontractor, or Supplier) that has either been debarred or suspended pursuant to the requirements of Sections 13-1-177 through 13-1-180, and 13-4-11 through 13-4-17, NMSA 1978, or City Purchasing provisions shall not be permitted to do business with the City and shall not be considered for award of contract during the period for which it is debarred or suspended.

4.0 BRIBES, GRATUITIES, AND KICK-BACKS

- 4.1 It is illegal in the State of New Mexico for any public employee to solicit or accept anything of value in connection with award of this Bid and for any person to offer or pay anything of value to any such public employee (30-24-1 through 30-24-2, NMSA 1978).
- 4.2 Pursuant to Section 13-1-191, NMSA 1978, reference is hereby made to the Criminal Laws of New Mexico (including 30-24-1, 30-23-2, and 30-41-1 through 3-41-3, NMSA 1978), which prohibit bribes, kick-backs, and gratuities and violation of which constitutes a felon. Further, the Procurement Code (13-1-28 through 13-1-199, NMSA 1978), imposes civil and criminal penalties for its violation

5.0 PROTESTS (CITY PURCHASING MANUAL)

- 5.1 Any Contractor who is aggrieved in connection with procurement may protest to the City Purchasing Agent and the City of Santa Fe. The protest should be made in writing within twenty-four (24) hours after the facts or occurrences; giving rise thereto, but in no case, not more than fifteen (15) calendar days after the facts or occurrences giving rise thereto.
- 5.2 In the event of a timely protest under the City Purchasing Manual, the City Purchasing Agent and the City of Santa Fe shall not proceed further with the procurement unless the City Purchasing Agent or the City of Santa Fe makes a determination that the award of contract is necessary to protect substantial interests of the City of Santa Fe.
- 5.3 The City Purchasing Agent or his designee shall have the authority to take any action reasonably necessary to resolve a protest of an aggrieved Contractor concerning procurement.
- 5.4 This authority shall be exercised in accordance with adopted regulations, but shall not include the authority to award money damages or attorneys' fees.
- 5.5 The City Purchasing Agent or his designee shall promptly issue a determination relating to the protest. The determination shall:
 - A) State the reasons for the action taken; and,
 - B) Inform the protestant of the right to judicial review of the determination pursuant to the City Purchasing Manual.
- 5.6 A copy of the determination issued under the City Purchasing Manual shall be mailed to the protestant.

6.0 CONTRACT BOND REQUIREMENTS

- 6.1 The Successful Bidder, where the Contract Price exceeds twenty-five thousand dollars (\$25,000), shall post a one hundred percent (100%) Performance Bond and a one hundred percent (100%) Labor and Material Payment Bond. Bonds shall be executed on Performance Bond and Labor and Material Payment Bond forms attached hereto, with amount payable conforming to the terms of the Contract. Surety shall be a company licensed to do business in the State of New Mexico and acceptable to the City of Santa Fe.
- 6.2 Personal sureties may be accepted if the City of Santa Fe so determines in advance, but in such case the amount of the Bond shall be the full Contract Price, and the sureties shall justify under oath in amounts above liabilities and exemptions aggregating double the amount of the Bond.
- 6.3 Special attention of Bidders is called to the requirements of Section 13-4-18 through 13-4-20, NMSA 1978 regarding a Contractor who does not have his principal place of business in the State of New Mexico for all taxes due arising out of construction services rendered under the Contract.
- 6.3.1 The right to sue on this Bond accrues only to the City of Santa Fe and the parties to whom Sections 13-4-18 through 13-4-20, NMSA 1978 grant such right; and any such right shall be exercised only in accordance with the provisions and limitations of said statutes.

7.0 NON-RESIDENT CONTRACTOR'S REQUIREMENTS REGARDING GROSS RECEIPTS TAX SURETY BOND

- 7.1 Section 7-1-55A, NMSA 1978 provides that any person (as defined in Section 7-1-3, NMSA 1978) engaged in the construction business who does not have his principal place of business in New Mexico and enters into a prime construction contract to be performed in this State shall, at the time such contract is entered into, furnish the Director of the Revenue Division, Taxation and Revenue Department, or his delegate with a surety bond or other acceptable security in a sum equivalent to the gross receipts to be paid under the contract multiplied by the applicable rate of the gross receipts tax imposed by Section 7-9-4, NMSA 1978 to secure payment of the tax imposed on the gross receipts from the contract, and shall obtain a certificate from the Director of the Revenue Division, Taxation and Revenue Department, or his delegate that the requirements of this paragraph have been met.
- 7.2 If the total sum to be paid under the contract is changed by ten percent or more after the date the surety bond or other acceptable security is furnished, to the Director or his delegate, such person shall increase or decrease, as the case may be, the amount of the bond or security within fourteen days after the change (7-1-55B, NMSA 1978).
- 7.3 In addition to the above requirements, the Contractor will be subject to all the requirements of the City Procurement Code.

8.0 CONTRACTOR'S GROSS RECEIPTS TAX REGISTRATION

- 8.1 Section 7-10-4, NMSA 1978 provides that any person (as defined in Section 7-10-3, NMSA 1978) performing services for the City of Santa Fe, as those terms are used in the Gross Receipts and Compensating Tax Act (Section 7-10-1 to 7-10-5, NMSA 1978), must be registered and be issued an identification number with the Revenue Division of the Taxation and Revenue Department to pay the gross receipts tax.
- 8.2 The identification number is needed to properly complete the approval process of the contract; therefore, so as to cause no delay in the processing, the Contractor must register with the State of New Mexico, Taxation and Revenue Department. For information contact:

Revenue Division
Taxation and Revenue Department
Manual Lujan Building
1200 St. Francis Drive
Santa Fe, New Mexico 87503
(505) 988-2290

- 8.3 If any person who performs services for the City of Santa Fe is not registered to pay the gross receipts tax, the

City shall withhold payment of the amount due until the person has presented evidence of registration with the Taxation and Revenue Department to pay the gross receipts tax.

9.0 CONTRACT WITH NONRESIDENT PERSON OR PARTNERSHIPS OR UNADMITTED FOREIGN CORPORATIONS; AGENT FOR SERVICE OF PROCESS

9.1 Special attention of Bidders is called to requirements of Sections 13-4-21 through 13-4-24, NMSA 1978, whereby a public works contract with a nonresident person or partnership or foreign corporation not authorized to do business in the State shall contain a specific provision designating an agent resident within the State, and his address, upon whom process and writs in any action or proceeding against such business may be served in any action arising out of such contract.

10.0 STATE ALLOWANCES

10.1 The Contractor shall purchase the "Allowed Materials" as directed by the City of Santa Fe through the City of Santa Fe's Representative/Engineer on the basis of the lowest and the best Bid of at least three competitive Bids. If the actual price for purchasing the "Allowed Materials" is more or less than the "Cash Allowance", the Contract Price shall be adjusted accordingly. The adjustment in Contract Price made on the basis of the purchase price without additional charges for overhead, profit, insurance, or any other incidental expenses. The cost of installation of the "Allowed Materials" shall be included in the applicable section of the Specifications covering the work.

11.0 MINIMUM WAGE RATES

11.1 This project is not subject to a New Mexico State Wage Rate decision. If a Work Order is executed for \$60,000 or more, a New Mexico State Wage Rate Decision will be requested for that project and the contractor will follow all applicable rules and regulations pertaining to it and a Bid Bond will be required for that project. This project is subject to the City of Santa Fe's Minimum Wage Ordinance which is attached.

12.0 FORM OF CHANGE ORDER AND CHANGE ORDER NOTICE TO PROCEED

12.1 The provided forms issued by the City of Santa Fe are to be utilized by the Contractor, City of Santa Fe's Representative/Engineer, and the City of Santa Fe pursuant to the requirements of the General Conditions.

13.0 STATE OF NEW MEXICO, CONSTRUCTION INDUSTRIES DIVISION (CID)

13.1 The Contractor, at his own expense, shall secure the required building permits from the State CID as required for this Project. Contractor shall adhere to the requirements established for inspections.

14.0 CITY OF SANTA FE REQUIREMENTS

14.1 The General Contractor shall include in the Bid the cost of all landfill dumping fees; additionally, the Contractor shall be responsible that all rubble, excess materials, etc., are disposed of at an approved, legal dumping site.

14.2 Construction debris and human debris must be cleaned from the site before contractor leaves site daily.

14.3 The Contractor shall adhere to any applicable City of Santa Fe ordinances, resolutions, guidelines, and other requirements to complete the work.

TECHNICAL SPECIFICATIONS -SUMMARY OF WORK

1.01 SECTION INCLUDES

- A. Description of Project
- B. Location of work to be performed.

1.02 DESCRIPTION OF PROJECT

A. Purpose of Project & General Scope

- a. The purpose of this project is to provide an on-call general construction contractor for the City of Santa Fe Water Divisions.
- b. The work consists of completing each Work Order (WO) assigned, whether a planned main replacement project or emergency response. Planned main replacements are typically four (4)-inch poly-wrapped ductile iron (DI) up to 12-inch DI along with required valves, fire hydrants, blow-offs, service transfers and road restoration, in accordance with the drawings, specifications, and other contract documents. Emergency response WOs may be written to repair/replace broken water mains, valves or services with water main materials to match the current types, or can be for High Priority projects that need to be accomplished immediately.

B) Qualifications

- a. The Contractor shall meet the requirements for approval as City of Santa Fe Water Division Utility Contractor.
- b. Contractors will need to comply with the design requirements, and remain in accordance with applicable codes, laws and standards.
- c. Contactor shall submit traffic control plans and schedule work to maintain access for affected residents and businesses.
- d. The City Water Division will provide inspection on the project. The City fully anticipates the Contractor to immediately start work on this project with the notice to proceed and expediently complete work on assigned Work Orders within an approved schedule.

C) Scope of Work Tasks

a. Draft Work Plan/Schedule

- i. The Contractor shall develop a draft work plan and schedule.
- ii. The Draft Work Plan should focus on the following areas:
 - 1. Schedule
 - 2. Work Hours
 - 3. Communications with residents and businesses

- b. Final Work Plan
 - i. The Consultant shall prepare a detailed Final Work Plan to be utilized throughout project execution. The Work Plan will be developed based on the Contract Scope of Work. The Final Work Plan shall be prepared in collaboration with Water Division Staff.

D) Schedule

- a. The entire City-Wide Water Utility Construction & Repair Contract must be completed within three-hundred-sixty-five (365) days from the date the notice to proceed is issued or by the next June 30 (end of the City's Fiscal Year).
- b. Contractor to plan to conduct all of the tasks that will occur for each assigned Work Order, either normal or emergency.
- c. City Water Division Inspector will be available to provide guidance and will approve field changes as needed to accomplish the water line installation.

1.03 LOCATION OF WORK

- A) The water mains are located typically throughout the corporate boundaries of the City of Santa Fe and along the Buckman and Buckman Direct Diversion Pipelines. Occasionally Work Orders may be executed to work on projects adjacent to these areas and at either of the two water supply reservoirs.

MEASUREMENT AND PAYMENT

1.01 SECTION INCLUDES

- A. General requirements for measurement and payment of bid items.
- B. Description of bid items.

1.02 GENERAL

- A. The total base bid price shall be used to select the winning Contractor, but shall not in any way be a guarantee or any future work. All work will be assigned on a specific Work Order basis, as the need arises.
- B. All costs, including mobilization and demobilization, bonds, licenses, furnishing all materials, equipment, supplies, and appurtenances; demolition and disposal of debris in accordance with all applicable laws and regulation; providing all construction plans, equipment, and tools; and performing all necessary labor and supervision to fully complete the work in accordance with these contract documents, shall be included in the unit and lump sum prices bid. All work not specifically set forth as a pay item in the bid proposal shall be considered a subsidiary obligation of Contractor and as such, all costs in connection therewith shall be included in the prices bid.

1.03 MEASUREMENT AND PAYMENT

- A. All measurements and payments will be based on completed work performed in strict accordance with the specifications and in accordance with contract-unit prices and schedule of values. Incidental work and items not listed in the contract-unit price schedule will not be paid for separately, but will be included in the payment for the

listed item or items to which such incidental work applies. Measurement and payment for lump sum items shall be full compensation for all labor, equipment, materials, testing, and incidentals necessary to perform the work in accordance with these contract documents, and shall include all incidentals not provided under other items.

- B. Before payment of the final invoice for any Work Order, the Contractor shall submit a Draft Final As-Built drawing for review along with all Valve Ties sheets. After the paper copies have been fully approved, the Contractor shall be given back the As-Built drawing to print it on Mylar. Once all as-built documentation has been completed, the final invoice will be submitted for payment.
- C. Item listed below correspond directly to bid item numbers in the bid form:

Water Main: Payment for water main shall be made at the unit price per linear foot of each diameter and type of pipe, as measured along the pipe center line from center of fitting to center of fitting. Work shall include construction staking, excavating trench up to six feet in depth, installing pipe at depth shown on plans, jointing and coupling materials, installing locating wire and marker tape, backfilling and compacting, testing soil density, testing hydrostatic pressure, flushing, disinfecting, testing potability and as-built record of finish pipeline grade (CONTRACTOR to furnish record drawings and print to Mylar and submit to SDCW before the final invoice will be paid), and any other incidental items required to complete the Work.

Extra Pay for Trench Depth in Excess of 6 feet: Payment for trench depth in excess of 6 feet shall be made at the unit price depth per linear foot. Work shall include excavating trench, backfilling and compacting, and any incidental items required to complete the Work

Rock Excavation: Payment for rock excavation shall be made at the unit price per cubic yard, as measured within the trench width limits and shall be in addition to the payment for trenching, backfilling and compacting. Work shall include excavating rock within the trench width limits, as defined in APWA-Section 700, removing and disposing of rock. No payment shall be made for rock excavation outside the specified trench width limits.

Exploratory Excavation (as SDCW Approved): Payment for exploratory excavation shall be made at the unit price per cubic yard. Exploratory excavation payment shall be made only when pre-authorized by SDCW and shall not be paid for normal 'potholing' of utility lines in advance of water line or service line construction.

Imported Backfill (as SDCW Approved): Payment for imported backfill shall be made at the unit price per cubic yard, as measured in place. Work shall include furnishing imported backfill, compacting, testing soil density and removing and disposing of unsuitable material. No payment will be made for imported backfill that does not meet the requirements of these specifications. No payment shall be made for imported material outside the specified trench width limits.

Fitting Installation: Payment for fitting installation shall be made at the unit price per pound of cast or ductile iron fittings, as measured from the current Tyler/Union Utilities Catalog and the latest version of APWA. The weight of the fitting body only shall be used as the basis for measurement (bolts, glands and gaskets weights are not included as a basis of measurement). Work shall include installing fittings, glands, bolts, gaskets, and all other necessary jointing material in place and any incidental items required to complete the Work. Thrust Restraint will be paid for separately under the appropriate item.

Fitting Insertion: Payment for fitting insertion shall be made at the unit price per pound of cast or ductile iron fittings, as measured from the current Tyler/Union Utilities Catalog and the latest version of APWA. The weight of the fitting body only shall be used as the basis for measurement (bolts,

glands and gaskets weights are not included as a basis of measurement). Work shall include inserting fittings in existing water main, glands, bolts, gaskets, couplings, and all other necessary jointing material in place and any incidental items required to complete the Work. Thrust Restraint will be paid for separately under the appropriate item.

Mechanical Thrust Restraints, or Bolt on Flanges: Payment for mechanical thrust restraints (retainer rings or joint harnesses) or bolt on flanges shall be made at the unit price per each size of retainer ring, joint harness, or bolt on flange in place. Work shall include installing mechanical thrust restraints (retainer rings or joint harnesses) or bolt on flanges, glands, gaskets, bolts, all other necessary jointing material in place and any incidental items required to complete the Work.

Concrete Thrust Blocking (as SDCW Approved): Payment for concrete thrust blocking shall be made at the unit price per cubic yard of concrete in locations approved by SDCW, as measured by the dimensions presented in the Standard Details. Work shall include installing concrete thrust blocking, concrete testing and any incidental items required to complete the Work. No additional payment will be made due to over excavation which requires additional volume of concrete.

Tapping Sleeve with Pressurized (Hot Tap) Connection: Payment for tapping sleeve with pressurized (hot tap) connection shall be made at the unit price per each sleeve complete in place. Work shall include excavating to the main, installing tapping sleeve complete in place, all connecting materials, concrete blocking, air testing tapping sleeve, tapping through pressurized water main, backfilling and compacting and any incidental items required to complete the Work. Payment for tapping valve shall be made under Valves.

Non-Pressurized (Wet) Connection: Payment for non-pressurized (wet) connection shall be made at the unit price per each non-pressurized (wet) connection. Work shall include the non-pressurized (wet) connection to existing water lines, including excavating, backfilling and compacting. The unit price shall include payment for disposing waste water, locating the main to be tapped (location to be made in ample time ahead of actual connection to allow for any needed changes), cutting into existing lines, and necessary pipe removal, blocking, bracing, and precautions so that no damage shall be done to the water system, employees, or any other property or persons. The notification of water customers of the interruption of services, incidental welding, if necessary, and any other construction costs shall be included for payment in the unit bid price of a non-pressurized connection. A non-pressurized connection shall be paid for only if a volume of water greater than the pipe area times 150 feet is to be disposed during pressure relieving procedures. No payment for a non-pressurized connection shall be made when a connection is made at an intersection where the water pressure can be relieved on all lines coming into the intersection by a valve or valves in intersection. The size used for the determination of the fixed unit price will be the size of the existing pipe to be connected to and not the size of the new line. A small leak of water from a stub valve or other item shall not constitute basis for a non-pressurized connection. Payment for only one non-pressurized connection will be made when one dewatering operation enables more than one system connection. CONTRACTOR and inspector are to see that as many connections as possible are made with each dewatering procedure. No separate payment will be made for proper disposal of surplus excavations or waste water. Surplus excavations and waste water shall be disposed as soon as possible in an approved place to minimize any disturbance or inconvenience in the street or on the adjoining properties.

Valves: Payment for valves shall be made at the unit price per each size and type of valve installed. Work shall include installing valve in place and any incidental items required to complete the Work. Payment for tapping valves shall be made under valves.

Fire Hydrant: Payment for fire hydrants shall be made at the unit price per each fire hydrant in place. Work shall include excavating trench, installing fire hydrant, installing gravel drain, installing all jointing materials, backfilling and compacting, painting and numbering and any incidental items required to complete the Work. The fire hydrant leg pipe, hydrant leg restraint, shut off valve and any main line fittings shall be paid for separately under the appropriate item.

Fire Hydrant Extension: Payment for a fire hydrant extension shall be made at the unit price per each fire hydrant extension. Work shall include excavating trench, extending fire hydrant, installing all jointing materials, backfilling and compacting and any incidental items required to complete the Work.

Fire Hydrant Remove & Relay: Payment for removing and relaying fire hydrant shall be made at the unit price per each fire hydrant removed and relayed. Work shall include excavating trench, removing fire hydrant, installing fire hydrant, installing gravel drain, backfilling and compacting, painting and numbering and any incidental items required to complete the Work. Piping, valving, fittings, and restrainers shall be paid for separately under the appropriate items.

Fire Hydrant Remove & Return: Payment for removing & returning fire hydrant shall be made at the unit price per each fire hydrant removed and returned to City or disposed of as directed by SDCW. Work shall include excavating trench, removing fire hydrant, backfilling and compacting, delivery of fire hydrant to City or disposal, and any incidental items required to complete the Work.

2¼-inch Flush Hydrant: Payment for 2¼-inch flush hydrant shall be made at the unit price per each flush hydrant in place. Work shall include excavating trench, installing flush hydrant, installing gravel drain, installing all jointing materials, backfilling and compacting and any incidental items required to complete the Work. Copper tubing, shut off valve and any main line fittings shall be paid for separately under the appropriate items.

2" Blow-Off Valve Installation: Payment for 2-inch blow-off valve installation shall be made at the unit price per each blow-off valve installed in place, in accordance with the Standard Detail sheet. Work shall include excavating trench, installing 2-inch valve, installing blow-off, installing two valve boxes and all jointing materials, poly-wrapping valves and piping, and backfilling and compacting and any incidental items required to complete the Work. Any necessary paving will be paid under the appropriate bid item.

Air & Vacuum Release Valve: Payment for air and vacuum release valve shall be made at the unit price per each size installed in place in accordance with Standard Detail. Work shall include excavating trench, installing service saddle, corporation stop with tap into main, copper tubing piping from main to air & vacuum valve (up to 25' horizontal measurement – tubing/piping in excess of 25' shall be paid under the service line tubing bid item), vault/box with lid and cover, piping, fittings, and valves, air release valve, backfilling and compacting, testing soil density flushing, hydrostatic pressure testing, disinfecting and any incidental items required to complete the Work.

Install City of Santa Fe Furnished Valve or Meter: Payment for CITY OF SANTA FE furnished valve or meter shall be made at the unit price per each size installed in place in accordance with standard detail. Work shall include picking up CITY OF SANTA FE furnished valve or meter from City warehouse and transporting to jobsite, installing CITY OF SANTA FE furnished valve or meter, installing jointing materials (bolts, nuts, gaskets) as required for up to two end connections and any incidental items required to complete the Work.

Metered 2" Bypass - Vault Installation: Payment for 2" metered bypass for large water services housed in concrete meter vaults shall be made at the unit price per each metered 2" bypass vault installed in place. Work shall include installing up to 12' of rigid 2" copper pipe and fitting(s), installing (2) service saddles with (2) 2" ball valves with handle operators, installing prefabricated meter setter with (2) 2" angle valves and any incidental items required to complete the Work.

Valve Box, complete in place: Payment for valve box shall be made at the unit price per valve box in place. Work shall include excavating trench, installing valve box up to 6 feet in depth, installing concrete collar, backfilling and compacting and any incidental items required to complete the Work in strict accordance with the Standard Detail drawing.

Valve Box Replacement: Payment for valve box replacement shall be made at the unit price per each valve box replaced. Work shall include excavating trench, removing and disposing of existing valve box, installing new valve box, installing valve stem extension, backfilling and compacting, installing concrete collar and any incidental items required to complete the Work.

Valve Box Removal of Existing: Payment for removal of an existing valve box shall be made at the unit price per valve box removed. Work includes excavation to the valve at the main, removing and disposing of existing valve box, backfilling and compacting, testing soil density, and any incidental items required to complete the Work. Pavement for any valve replacement shall be paid for under the appropriate bid items.

Valve Box Adjustment: Payment for valve box adjustment shall be made at the unit price per each valve box adjusted to grade. Work shall include excavating trench, raising or lowering the valve box to grade, raising or lowering valve stem extension to grade, backfilling and compacting, installing concrete collar, cleaning material from inside the valve box to ensure operating unit is clear and any incidental items required to complete the Work.

Valve Stem Extension: Payment for valve stem extension for valve stem lengths greater than 6 feet shall be made at the unit price per each 0' through 4' valve stem extension, as measured to the nearest ½ foot. Payment for valve stem extensions greater than 4' shall be made at the unit price times the actual extension in feet divided by 4 feet (e.g. valve stem extension 6' paid at the unit price X 1.5). Work shall include excavating trench, installing valve stem extension, backfilling and compacting, cleaning material from inside the valve box, installing concrete collar and any incidental items required to complete the Work.

Precast (Circular) Valve/Meter Pit w/ Lid: Payment for precast concrete valve/meter pit with lid shall be made at the unit price per vertical foot, as measured from the top of the circular vault (bottom of vault lid) to the bottom of the vault footing (48" minimum). Work shall include excavating trench, installing concrete footing, gravel floor, circular concrete barrel, vault lid with 20" circular access cover, backfilling and compacting, testing soil density and any incidental bid items required to complete the Work. Water main, valves and/or meter settings shall be paid for under the appropriate bid items.

Cast-In-Place RCP Valve/Meter Vault w/ Lid: Payment for meter or valve pit shall be made at the fixed unit price per cubic yard of pit exterior volume. Work includes excavation, installing reinforced concrete footing, gravel floor, reinforced concrete or CMU walls, with a reinforced concrete lid up to 8 inches thick with 20" circular access cover, wall penetrations, backfilling and compacting, testing soil density and any incidental items required to complete the Work. Water main, valves and/or meter settings shall be paid for under the appropriate bid items.

Prefabricated Valve/Meter Vault: Payment for prefabricated valve/meter vault with lid shall be made at the unit price per each vault per the Standard Details. Work shall include excavating trench, installing reinforced concrete footing, gravel floor, prefabricated vault and lid with access cover, backfilling and compacting, testing soil density and any incidental items required to complete the Work. Water main, valves and/or meter settings shall be paid for under the appropriate bid items.

Native Seeding: Payment for native seeding shall be made at the unit price per each acre of native seeding in place, as measured to the nearest 1/10 acre. Work shall include plowing, seed drilling, fertilizing, applying seed mix, mulching and disking and any incidental items required to complete the Work.

Bollards (pair): Payment for bollards shall be made at the unit price per each pair of bollards in place. Work shall include installing bollards in place with concrete footing encasement and filling, capping, painting and any incidental items required to complete the Work.

Casing: Payment for casing shall be made at the unit price per linear foot of the appropriate size and type of casing. Work shall include furnishing casing, casing spacers, casing end seals and any incidental items required to complete the Work. Carrier pipe shall be paid for under the Water Main bid item.

Bore & Jack Casing Pipe: Payment for bore & jack casing pipe shall be made at the unit price per linear foot of the appropriate size of bore. Work shall include boring and jacking the casing pipe in place. Furnishing casing, casing spacers and casing end seals shall be paid for under the Casing bid items.

Open Cut Casing Pipe Installation: Payment for open cut casing pipe installation shall be made at the unit price bid per linear foot of casing installed. Work shall include excavating trench up to 6 feet in depth, installing casing pipe in place, backfilling and compacting, testing soil density and any incidental items required to complete the Work. Trench excavation in excess of 6 feet depth will be paid under the Extra Pay for Trench Depth in Excess of 6 Feet bid items. Furnishing casing, casing spacers and casing end seals shall be paid for under the Casing bid items.

Asphalt Pavement Removal & Disposal: Payment for removal and disposal of asphalt pavement shall be made at the unit price per square yard for less than 2" and 2" through 6" in thickness. Payment for removal of asphalt pavement greater than 6" in thickness shall be made at the unit price times the actual thickness in inches divided by 6 inches (e.g. paving 10" thickness paid at the unit price X 1.67). Work shall include cutting pavement as marked, removing and satisfactorily disposing of pavement and any incidental items required to complete the Work.

Concrete Pavement Removal & Disposal: Payment for concrete pavement removal and disposal shall be made at the unit price per square yard for less than 2" and 2" through 6" in thickness. Payment for removal and disposal of concrete pavement greater than 6" in thickness shall be made at the unit price times the actual thickness in inches divided by 6 inches (e.g. paving 10" thickness paid at the unit price X 1.67). Work shall include cutting pavement as marked, removing and satisfactorily disposing of pavement and any incidental items required to complete the Work.

Concrete Curb and Gutter Removal & Disposal: Payment for concrete curb and gutter removal and disposal shall be made at the unit price per linear foot of concrete curb and gutter that is removed and disposed. Work shall include cutting curb and gutter as marked in the field, removing and satisfactorily disposing of curb and gutter and any incidental items required to complete the Work.

Concrete Sidewalk Removal & Disposal: Payment for concrete sidewalk removal and disposal shall be made at the unit price per square yard of concrete sidewalk that is removed and disposed. Work shall include cutting sidewalk as marked, removing and disposing of sidewalk and any incidental items required to complete the Work.

Replace City Street Pavement: Payment for replacing City street pavement shall be made at the unit price per square yard for the appropriate type of pavement up to 6" in thickness (asphalt, concrete, or temporary cold mix). Payment for replacing City street pavement greater than 6" in thickness shall be made at the unit price times the actual thickness in inches divided by 6" (e.g. paving 10" thickness paid at the unit price X 1.67). Work includes preparing sub-grade, furnishing and installing sub-base and base pavement course(s) with or without a laydown machine, cleaning-up, removing and disposing of any excess materials and any incidental items required to complete the Work. Payment for replacing City Street Pavement with asphalt with should be charged and documented accordingly to which ever media is used whether it's recycled or virgin asphalt.

Replace Non City Asphalt Pavement: Payment for replacing non City asphalt pavement shall be made at the unit price per square yard for the appropriate type of paving up to 3" in thickness (asphalt, concrete, or temporary cold mix). Payment for replacing non City asphalt pavement greater than 3" in thickness shall be made at the unit price times the actual thickness in inches divided by 3 inches (e.g.

paving 4" thickness paid at the unit price X 1.33). Work shall include preparing sub grade, furnishing and installing sub base and base pavement course(s) with or without a laydown machine, cleaning-up and removing and disposing of any excess materials and any incidental items required to complete the Work. Payment for replacing Non City Street Pavement with asphalt should be charged and documented accordingly to which ever media is used whether it's recycled or virgin asphalt.

Replace Concrete Pavement: Payment for replacing Concrete pavement shall be made at the unit price per square yard for the appropriate type of pavement up to 6" in thickness. Payment for replacing Concrete pavement greater than 6" in thickness shall be made at the unit price times the actual thickness in inches divided by 6" (e.g. paving 10" thickness paid at the unit price X 1.67). Work includes preparing sub-grade, furnishing and installing sub-base and concrete, cleaning-up, removing and disposing of any excess materials and any incidental items required to complete the Work.

Replace Concrete Curb & Gutter: Payment for concrete curb and gutter replacement/installation shall be made at the unit price per linear foot. Work shall include preparing sub grade, preparing forms, installing concrete curb and gutter, installing jointing material, cleaning-up and removing and disposing of any excess materials and any incidental items required to complete the Work.

Replace Concrete Sidewalk: Payment for concrete sidewalk replacement shall be made at the unit price per square yard. Work includes preparing sub grade, preparing forms, installing concrete sidewalk, installing jointing material, cleaning-up, removing and disposing of any excess materials and any incidental items required to complete the Work.

Replace Gravel Surface on Unpaved Streets or Driveways: Payment for gravel surface replacement shall be made at the unit price per cubic yard for gravel surfaces less than 2" and 2" through 4" in thickness. Work shall include grading, preparing sub grade, installing gravel surface course, cleaning-up and removing and disposing of any excess materials and any incidental items required to complete the Work.

Base Course/Gravel (crushed or landscape): Payment for base course shall be made at the unit price per square yard for 0" through 3" in thickness and 3" through 6" in thickness installed within specified limits. Work shall include grading, preparing sub grade, installing base course, cleaning-up and removing and disposing of any excess materials and any incidental items required to complete the Work.

New Service (New Main): Payment for a new service in conjunction with installation of new water main shall be made at the unit price per each service installed per the Standard Details. Work shall include excavating trench, installing corporation and tapping into new main, installing service line fittings, installing angle valve and ells, installing meter yoke(s) or setter, installing meter can with lid and cover, backfilling and compacting, testing soil density, flushing new service, hydrostatic testing, disinfecting new service and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items. Copper service piping and tapping saddle shall be paid for under the appropriate Service Saddle and Copper Tubing bid items.

New Service (Existing Main): Payment for a new service (existing main) shall be made at the unit price per each service installed per the Standard Details. Work shall include excavating trench, installing corporation and tapping into existing pressurized pipe, installing service line fittings, installing angle valve and ells, installing meter yoke(s) or setter, installing meter can with lid and cover, backfilling and compacting, testing soil density, flushing new service, hydrostatic testing, disinfecting new service and incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items. Copper service piping and tapping saddle shall be paid for under the appropriate Service Saddle and Copper Tubing bid items.

Service Replacement: Payment for service replacement shall be made at the unit price per each service replaced per the Standard Details. Work shall include excavating trench, installing corporation

and tapping into existing pressurized water main or new replacement main, installing service line fittings, installing angle valve and ells, installing meter yoke(s) or setter, installing meter can with lid and cover, closing old corporation, removing old meter can and setting, connecting to existing customer yard line with coupling/adaptor, backfilling and compacting, testing soil density, flushing new service, hydrostatic testing, disinfecting new service and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items. Copper service piping and tapping saddle shall be paid for under the appropriate Service Saddle and Copper Tubing bid items.

Meter Box Relocation/Replacement: Payment for meter box relocation/replacement shall be made at the unit price per horizontal relocation/replacement and/or vertical adjustment of each meter box per the Standard Details. Work shall include excavating trench, relocating/replacing meter can with lid and cover, relocating angle valve and ells, meter yoke(s) or setter, relocating service line fittings, connecting to existing customer yard line, transferring existing meter, returning all salvageable materials to SDCW yard, adjusting meter box to grade, backfilling and compacting, testing soil density, flushing service, hydrostatic testing, disinfecting service and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items. Copper service piping and tapping saddle shall be paid for under the appropriate Service Saddle and Copper Tubing bid items

Service Transfer: Payment for a service transfer shall be made at the unit price per service transferred from an existing main to a new main. This Work is to be done only if the service is copper and in good condition. Since the new main may be located closer or farther away from the existing main, this Work will require either extending or shortening the service line for connecting to the new main. Required Work and material include: excavating trench, installing corporation stop and tapping new pressurized water main, closing the old corporation stop, connecting the existing service to new corporation stop with service line connectors or couplings, backfilling and compacting, flushing service line, testing soil density and hydrostatic testing and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items. Copper service piping and tapping saddle shall be paid for under the appropriate Service Saddle and Copper Tubing bid items.

Retire Existing Service at Main: Payment for retiring an existing ¾" through 2" service and meter box shall be made at the unit price per each service retired. Work shall include excavating trench, closing corporation at the main, cutting and crimping service line tubing, removing meter box and meter setter assembly, returning meter box and meter setter assembly to SDCW or disposing as directed by SDCW, backfilling and compacting, testing soil density and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items.

Retire Existing Meter Box & Setting: Payment for retiring an existing meter box and setting shall be made at the unit price per each meter and setting retirement. Work shall include excavating trench, removing the meter box and setting, returning the meter box and setting to SDCW or disposing as directed by SDCW, backfilling and compacting, testing soil density and any incidental items required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items.

Adjust Meter Box to Grade: Payment for a meter box adjustment shall be made at the unit price per vertical adjustment of each existing meter box to grade per the Standard Details. Work shall include excavating trench, cutting the meter box or raising the meter box with block or a box extension, backfilling and compacting, testing soil density and any incidental item required to complete the Work. Pavement/sidewalk removal and replacement shall be paid for under the appropriate bid items.

Service Saddle: Payment for a service saddle shall be made at the unit price per each size of service saddle installed.

Service Line Tubing: Payment for service line tubing shall be made at the unit price per linear foot of copper, Type K, tubing installed, as measured horizontally. Work shall include installing copper, Type K, tubing and any incidental items required to complete the Work.

Air and Vacuum Valve (individual): Payment for Air and Vacuum Valve Vault shall be made at the unit price to remove and replace single existing Air and Vacuum Valve Vault. Work shall include removal and disposal of: existing butterfly valve, air and vacuum valve, valve vault/meter can and installation of: air and vacuum valve vault as detailed as detailed in the Standard Project Details section. Work to be completed while water main is out of service, minor dewatering will be required. New gate valve, air and vacuum valve and required additional fittings, not shown in standard detail, shall be paid under material purchase bid item.

Air and Vacuum Valve (group): Payment for Air and Vacuum Valve (group) shall be made at the unit price to remove and replace group of ten (10) existing Air and Vacuum Valve Vaults on the Buckman water transmission line. Work shall include removal and disposal of: existing butterfly valves, air and vacuum valves, valve vaults/meter cans and installation of: air and vacuum valve vaults as detailed as detailed in the Standard Project Details Section. Work to be completed while transmission main is out of service, minor dewatering will be required. New gate valves, air and vacuum valves and required additional fittings, not shown in standard detail, shall be paid under material purchase bid item.

Automatic Flushing Valve: Payment for the automatic flushing valve shall be made at the unit price for each installed system. It should be capable of installation onto any Santa Fe threaded fire hydrant nozzle connection, and be capable of flushing at any time of day for any length of time. A cross-over shall be provided to allow connection to NST Flush Hydrant threads.

The valve and controller shall be located inside an aluminum/other approved metal, epoxy coated, and lockable box. The water flow should be directed into the box and out the perforated bottom. If attaching a hose or pipe on the discharge is desired, one portion of the perforated bottom should be able to be removed, allowing access to a female 2" IP connection, in order to allow for connection to a sewer or storm drain. Water flow must also be controllable to obtain the proper velocity needed for the size of the pipe and to control upstream pressure loss.

Option must be available to provide a sampling bib inside the box for adding dechlorination tablets within the box, and metering the water flushed as well. Standard box colors is yellow, with other colors available upon request.

The automatic flushing valve should be portable, so that the device can be located at different dead-ends/desired locations at any time, so that it can be moved around until all desired system flushing can be accomplished, while also having the ability to leave it at a problem spot for an extended period of time.

Material(s) or Rental Equipment Invoice Cost plus Mark Up: Payment for materials or rental equipment not covered by specific bid items shall be made at the invoice cost from material supplier or equipment rental vendor plus the percentage markup as bid.

Traffic Control Invoice Cost plus Mark Up: Payment for traffic control shall be based on required traffic control for specific job as approved by City's Traffic Division (including flagman, signing, barricades, etc.) at the invoice cost for traffic control plan development and implementation plus the percentage markup as bid. Contractor's administrative work shall be incorporated into project material costs.

Street Cut Permits: Payment for street cut permits shall be based on amount invoiced by City's Traffic Division for specific job. Contractor's administrative work shall be incorporated into project material costs.

Project Signs: Payment for project signs shall be based on manufacturing costs associated with project signs. Project signs will be required as necessary to notify the public as to the construction project (typically 2 per project).

Architecturally Required Delay: Payment for an archaeologically required delay in field work will only be paid if the delay is longer than 2 hours/day and only if there is no other work that may be conducted on-site at this time.

Architecturally Required Mobilization/Demobilization: Payment for demobilizing and re-mobilizing to the work site due to architecturally required work will be paid only if there is no other work that may be conducted on-site while the site is being processed/cleared.

Emergency Repair Equipment: Payment for equipment as furnished under the Emergency Repair provisions shall be made at the unit price per hour as used for the repair. The actual time used at the repair site plus a one-hour allowance for transport to the repair site will be allowed.

Emergency Repair Labor: Payment of labor as furnished under the Emergency Repair provisions shall be made at the unit price per hour as used for the repair. The actual time of personnel at the site plus a one-hour allowance for transport to the site will be allowed.

Emergency Material or Rental Equipment Invoice Cost plus Mark Up: Payment for emergency materials or rental equipment for any materials or rental equipment not covered by specific bid items shall be made at the invoice cost from material supplier or equipment rental vendor plus the percentage markup as bid.

EXHIBITS

Work Order Form

**WORK ORDER
FY 2021-22 CITY-WIDE WATER UTILITY CONSTRUCTION & REPAIR CONTRACT,
Bid #'21/27/B**

Contract No. ' _____
W.O. # 00

Contract Expiration Date: June 30, 2022
Change Order # N/A

Date: _____, **2021**

___ Construction – Funding Source 52???????? (P.O. # 222?????)
___ Emergency Repair – Funding Source 52???????? (P.O. # 222?????)

Project Description:

Contractor shall complete installation of _____ . This work will be paid for by a PO number 222?????.

Location: _____
SDCW Project Engineer/Manager: Huey
Project Inspector: _____
Drawing #: _____

Construction Period: ~ (Calendar Days)
Start Date: / /21
Finish Date: / /21

Estimated W.O. Cost: \$ \$ Actual Cost \$ \$

**Quantity Sheet Attached

Payment shall be made in accordance with the following Bid Items numbers: (List)

All work shall be done in accordance with contract terms and conditions. Payment shall be made at the unit prices bid in Exhibit I – Unit Price Schedule for work defined in Exhibit IV – Work Description With Measurement & Payment.

City of Santa Fe

Contractor

Water Division Authorized Rep. Date

Date

Water Division Director Date

CITY OF SANTA FE - WATER DIVISION
FY21/22 - CITY-WIDE WATER UTILITY CONSTRUCTION & REPAIR CONTRACT, BID 21/37/B
CONSTRUCTION ESTIMATE

Project:
Date:

Drawing Number:
City-Wide WO#:

CONSTRUCTION ITEMS

BID ITEM	DESCRIPTION	UNIT	UNIT PRICE	ESTIMATED QUANTITY	AMOUNT
	#N/A	#N/A	#N/A		#N/A
	#N/A	#N/A	#N/A		#N/A
	#N/A	#N/A	#N/A		#N/A
	#N/A	#N/A	#N/A		#N/A
	#N/A	#N/A	#N/A		#N/A
Total of Bid Items					#N/A
NM GRT					#N/A
Est. Construction Cost					#N/A

Comments: Contractor shall complete installation of . . . This work will be paid for under the normal/emergency response section of the Citywide Water Utility Construction and Repair Contract.

Prepared By: _____
Bill Huey

Date: _____

Approved By: _____
Michael R. Moya

Date: _____

ADDENDUM NO. 1

Friday, May 21, 2021

PROJECT: City Wide Water Utility Construction and Repair Price Agreement, CIP # 3057, ITB '21/37/B

OWNER: City of Santa Fe –Water Division *Bill Huey* May 26, 2021

ITB Due By: 2:00 PM, Thursday, June 3, 2021, electronic submission only to:
<https://www.purchasing@santafenm.gov>

Questions and Answers

Q. Are you going to be able to make adjustments somewhere to availability of materials, I know some stuff is going to be running in short supply and dramatic changes in cost?

A. **Yes. Please see pages 102 to 103, Sections 12.1.4 to 12.1.6**
“12.1.4 ... The cost of such work shall the be determined by the City of Santa Fe’s Representative on the basis of the reasonable expenditures and savings of those performing the work attributable to the change, including, in the case of an increase in the Contract Sum, a reasonable allowance for overhead and profit. In such case, the Contractor shall keep and present, in such form as the City of Santa Fe’s Representative may prescribe, an itemized accounting together with appropriate supporting data for inclusion in a Change Order. Unless otherwise provided in the Contract Documents, cost shall be limited to the following: cost of materials, including sales tax and cost of delivery; cost of labor, including social security, old age and unemployment insurance, and fringe benefits, required by agreement or custom, workers’ or workmen’s compensation insurance; bond premiums; rental value of equipment and machinery; and the additional costs of supervision and field office personnel directly attributable to the change.”

“12.1.5 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if the quantities originally contemplated are so changed in a proposed Change Order that application of the agreed unit prices to the quantities of work proposed will cause substantial inequity to the City of Santa Fe or the Contractor, the applicable unit prices shall be equitably adjusted.

12.1.6 By submission of a Bid, the Contractor agrees and binds himself to the following method of calculating Change Order costs. The City of Santa Fe also agrees to the following method of calculating the cost of any changes to the Contract. With each proposal for a change in the amount of the Contract, the Contractor shall submit an itemized breakdown of all increases or decreases in the cost of the Contractor's and all Subcontractor's and Sub-subcontractor's work to include at least the following detail in the general order listed:

- A) Material quantities and unit costs;
- B) Labor amounts and hourly rates (identified with specific items of material to be placed or operation to be performed);
- C) Costs inherent in use of Contractor/Sub-subcontractor owned equipment;
- D) Equipment rental, if any;
- E) Workmen's compensation and public liability insurance;
- F) General administration, overhead, supervision, project insurance and profit, based on the following schedule:

<u>Subtotal before Applying the Percentage Shown</u>	<u>\$500 & Less</u>	<u>Over \$500</u>
Contractor for work performed by his own forces	22%	19%
Contractor for work performed by Subcontractor	10%	8%
Subcontractor for work performed by his own forces	18%	15%
Subcontractor for work performed by Sub-subcontractor	10%	8%
Sub-subcontractor for work performed by his own forces	18%	15%

- G) Employment taxes under FICA and FUTA; and
- H) State gross receipts tax (Contractor only)."

Q. Can you tell me how the Payment and Performance Bond is going to work? Are you going to have it where we have to provide one for each work order or do we have to have a blanket Payment and Performance bond for a certain dollar value? So will you expect a Payment and Performance bond including tax or can it be without tax?

A. **Answer from Purchasing: A price agreement cannot be bonded. Performance Bond, Payment, and Labor Bonds on each Work Order (W/O) over \$25K. [13-4-18. Construction contract performance and payment bonds.]**

Each W/O is considered the contract, when a construction contract is awarded in excess of twenty-five thousand dollars (\$25,000), the following bonds or security shall be delivered to the local public body and shall become binding on the parties upon the execution of the contract.

Q. Bid item 75 calls for 2" ductile iron pipe. Nobody manufactures 2" ductile iron pipe.

A. For Bid Item 75, insert \$0.00 for Unit Price and Item Price. The Contract Unit Prices will not have this Bid Item.

Q. Bid item 165 calls for exploratory excavation by the CY. This is unusual. Exploratory excavation is customarily done by the Hour at different pipe depth ranges, i.e. < 6'd, > 6' < 10'd, etc.

A. For this Contract, Exploratory Excavation will be paid for (after pre-approval) by the cubic yard of approved excavation volume, not by the hour required to excavate.

Q. Bid item 175 calls for fitting installation. Fittings are customarily bid in size ranges, i.e. 4-14", 16-18", etc.

A. For this Contract, Fitting Installation will be paid for based on the Unit Rate multiplied by the weight of the Fitting. The latest Tyler/Union Utilities catalog or APWA will be used as a reference.

Q. You have a bid item for 24" water main but nor corresponding bid item for 24" retainer ring/ bolt on flange.

A. Relatively speaking, the City has a limited amount of 24-inch ductile iron water main. The Engineer is willing to pay Miscellaneous Materials mark-up on 24-inch retainer rings/bolt on flanges.

Q. You have a bid item for 24" water main but no corresponding item for 24" joint harness.

A. Relatively speaking, the City has a limited amount of 24-inch ductile iron water main. The Engineer is willing to pay Miscellaneous Materials mark-up on 24-inch joint harnesses.

Q. Items 260-300 call for various tapping sleeves and non-pressure connections but do not cover all possible scenarios with the multitude of water mains you have. All of you connections could be taken care of using "pressure connections" for pipe size ranges, i.e. < 4", 4-14", 16-18", etc. and using "non-pressure connections" for those same pipe size ranges.

A. The Engineer has not had prior issues with these Bid Items. They cover the majority of the water lines in our system. Any work on lines outside this range will be covered under Bid Item 915 Materials with the approved Mark-up.

Q. Bid items #305 – 330 Call out Class 125 Gate Valves. Are these to be Flanged Gate valves with 125# bolt pattern? Gate valves 2-12” have a 350psi rating.

A. **Yes for some installations, Flange by Flange is used in our water treatment plants and tank sites, other installation areas have either Flange by Mechanical Joint or Mechanical Joint by Mechanical Joint.**

Q. Bid items #335-375 Call out Class 250 Gate Valves. Are these to be Flanged Gate valves with 250# Bolt pattern? If 250# bolt pattern is needed all joining material must have 250# bolt pattern flanges which is uncommon.

A. **See above answer.**

Q. Bid items #380-395 Call out Class 250 Butterfly Valves. Are these to be Flanged Butterfly Valves with 250# Bolt pattern? Or just 250 psi rated valves with standard 125/150# bolt pattern?

A. **Depends on installation location, could be any of those, depending on where it is installed.**

Q. For items 430-470 can you provide vault or manhole details or reference to City of Santa Fe or SDCW drawings?

A. **STD – 26 2” blow-Off Valve; STD – 17 1” and 2” Air-Vacuum Valve; STD – 20 3” and Larger Air-Vacuum Valve Vault.**

Q. Does item 490 include the vault or is the metered bypass to be installed in an existing vault?

A. **Yes, similar to STD – 18.**

Q. Shouldn't items 520-530 be bid by EA and not VF? Is there a detail available for this or is it just a standard manhole with standard ring and cover?

A. **No, the installed depth of these vaults will depend on the actual depth to top of pipe which is not always the same. See STD – 20.**

Q. For bid item 535 we need more detail as to reinforcement and vault dimensions.

A. **See definition of this bid item. Assume four (4) feet deep by eight (8) feet wide by four (4) feet deep. Actual dimensions will vary depending on installation site. See STD – 14A & B.**

Q. For bid item 540 we need one more dimension (depth?) and reinforcing details.

A. See STD – 15.

Q. For bid item 550 we need pipe diameter, length, and are bollards concrete-filled and painted?

A. See STD – 7A

Q. For bid items 555-600 we would need to know size of pipes going inside casings so we know what size spacers and end seals we need.

A. See STD – 16

Q. For bid items 645-690 we need more information. Do these items include subgrade prep? Do they include base course? What type and thickness of asphalt are required? Can you provide City of Santa Fe details for these pavement sections?

A. **No detail. For this contract the Contractor shall replace pavement to match what was removed. See Definitions for paving information.**

Q. Item 695 needs to reference thickness, type of concrete, and possible reinforcing details.

A. **See Definitions for paving information.**

Q. Item 700 needs to reference type of curb and gutter and type of concrete.

A. **Replace with same size and type removed. See Definitions.**

Q. Item 705 needs to reference thickness and type of concrete.

A. **Replace with same dimensions and type as removed. See Definitions.**

Q. Can there be a bid item established for landscape restoration associated with water service items?

A. **No. If necessary, will be billed under Bid Item 915 or 9950 depending on “type” of Work Order.**

Q. Items 880-895 need to specify type of tubing.

A. **See Definitions.**

Q. Items 900 and 905 need to specify size and also what type of enclosure vacuum valves are to be put in.

A. **See Definitions and STD – 17 & 20.**

Q. Item 925 is bid as an allowance so a dollar figure needs to be provided.

A. **Street Cut Permit “fees” are set by the Streets Department. Form should have asked for any percentage (%) mark-up, similar to Item 915 & 920. Please write your % mark-up in the third (3rd) column. Write \$150.00 in the second column and fill in the last two columns.**

Q. A mobilization bid item needs to be provided on a “per-job” basis.

A. **Engineer assumes you are questioning Bid Item 940. See Definitions.**

Q. In general we would like access to the pertinent drawings and details for things like vaults, enclosures, pipe types, etc. with a reference to drawing numbers on the bid item descriptions where applicable

A. **Look in “2020 Construction Standards and Specifications. The file may be found at: https://www.santafenm.gov/water_engineering below “Related Documents” called 2020 Construction Standards.**

Q. Does SDCW allow size-on size taps (bid item 260)?

A. **Yes.**

Q. Do items 290-300 include fittings or are fittings paid by item 175?

A. **Paid by Bid Item 175.**

Q. Item 370 is for a 20" gate valve but there is no bid item for 20" waterline.

A. **If there is a need for 20-inch diameter pipe, it will be paid for under Bid Item 915/9950.**

Q. Item 390 is for 20" butterfly valve but there is no bid item for 20" waterline.

A. **See answer to above question.**

Q. Do items 435-460 include the vault or are vaults paid by one of the vault bid items?

A. **Paid under appropriate vault Bid Item.**

Q. Do items 435-460 include a bypass (bypass line sizes can vary depending on the PRV size)?

A. **No.**

Q. We need a detail for bid item 930.

A. Similar to below, but with correct information/personnel:

Another Public Utilities Improvement!	
	SAN JUAN DE CRISTO WATER DIVISION CITY OF SANTA FE, NEW MEXICO
<p>DAVID COBB Mayor</p> <p>REBECCA WURZBURGER Mayor Pro Tem</p> <p>City Councilors</p> <p>PATTI J. BUSHEE CHRIS CALVERT District 1</p> <p>ROSEMARY ROMERO REBECCA WURZBURGER District 2</p> <p>MIGUEL N. CHAVEZ CARMICHAEL A. DOMINGUEZ District 3</p> <p>MATTHEW E. ORTIZ RONALD S. TRUJILLO District 4</p> <p>DALEN BULLER City Manager</p>	<p>PROJECT NAME CIP XXXX-X</p> <p>PROJECT COST: \$XXX,XXX.XX</p> <p>ESTIMATED COMPLETION: Date, 20XX</p> <p>CONTRACTOR: Name</p> <p>CONTRACTOR CONTACT: Name and Number</p> <p>WATER DIVISION CONTACT: Name and Number</p>
 www.santafenm.gov	
Thanks for your patience while we're Making and Keeping Santa Fe Beautiful...Again!	

**City of Santa Fe
Public Utilities Department
Water Division**

INVITATION TO BID (ITB)



**ITB#
21/43/B**

AMENDMENT No. 1

BID Due Date: 6/16/21

AMENDMENT ISSUE DATE: 5/28/21

PROJECT NAME: PRIORITY LINE REPLACEMENT PRICE AGREEMENT,

CIP # 3058

TO: ALL BIDDERS OF RECORD

It shall be the responsibility of interested bidders to adhere to any changes or revisions to the ITB as identified in this Amendment No. 1. This Amendment is issued to reflect the following immediately:

New Bid Sheets have been revised and added as Attachment A. Please pay particular attention to items 915, 920, 9900, and 9950 a change has been made from a cost plus percentage "mark-up" to a "cost-plus increase at a flat rate".

Please add this Amendment No. 1 to the original bid documents and refer to bid documents, hereto as such. This and all subsequent addenda shall become part of any resulting contract documents and have effects as if original issued. All other unaffected sections will have their original interpretation and remain in full force and effect. This documentation shall become permanent and made part of the departmental files.

ATTACHMENT A

Bid Item	Approx. QTY.	Unit	Article and Description	Unit Price	Item Price
Construction Items					
5	35	LF	2" PVC Water Main, cip, all lengths	\$	\$
10	35	LF	4" PVC Water Main, cip, <100'	\$	\$
15	100	LF	4" PVC Water Main, cip, >100'	\$	\$
20	50	LF	6" PVC Water Main, cip, <100'	\$	\$
25	150	LF	6" PVC Water Main, cip, >100'	\$	\$
30	75	LF	8" PVC Water Main, cip, <100'	\$	\$
35	200	LF	8" PVC Water Main, cip, >100'	\$	\$
40	35	LF	10" PVC Water Main, cip, <100'	\$	\$
45	100	LF	10" PVC Water Main, cip, >100'	\$	\$
50	50	LF	12" PVC Water Main, cip, <100'	\$	\$
55	150	LF	12" PVC Water Main, cip, >100'	\$	\$
60	50	LF	14" PVC Water Main, cip	\$	\$
65	50	LF	16" PVC Water Main, cip	\$	\$
70	50	LF	24" PVC Water Main, cip	\$	\$
75	35	LF	2" DI Water Main, cip, all lengths	\$	\$
80	50	LF	4" DI Water Main, cip, <100'	\$	\$
85	100	LF	4" DI Water Main, cip, >100'	\$	\$
90	75	LF	6" DI Water Main, cip, <100'	\$	\$
95	250	LF	6" DI Water Main, cip, >100'	\$	\$
100	75	LF	8" DI Water Main, cip, <100'	\$	\$
105	250	LF	8" DI Water Main, cip, >100'	\$	\$
110	35	LF	10" DI Water Main, cip, <100'	\$	\$
115	100	LF	10" DI Water Main, cip, >100'	\$	\$
120	50	LF	12" DI Water Main, cip, <100'	\$	\$
125	100	LF	12" DI Water Main, cip, >100'	\$	\$
130	50	LF	14" DI Water Main, cip	\$	\$
135	50	LF	16" DI Water Main, cip	\$	\$
140	50	LF	24" DI Water Main, cip	\$	\$
145	75	LF	Extra Pay for Trench Depth, 6'-8'	\$	\$
150	50	LF	Extra Pay for Trench Depth, 8'-10'	\$	\$
155	25	LF	Extra Pay for Trench Depth, 10'-14'	\$	\$
160	20	CY	Rock Excavation	\$	\$
165	300	CY	Exploratory Excavation (as SDCW Approved)	\$	\$
170	75	CY	Imported Backfill (as SDCW Approved)	\$	\$
175	1,000	LB	Fitting Installation	\$	\$
180	500	LB	Fitting Insertion	\$	\$
185	25	EA	4" Retainer Ring/ Bolt on Flange	\$	\$

190	50	EA	6" Retainer Ring/ Bolt on Flange	\$	\$
195	50	EA	8" Retainer Ring/ Bolt on Flange	\$	\$
200	20	EA	10" Retainer Ring/ Bolt on Flange	\$	\$
205	20	EA	12" Retainer Ring/ Bolt on Flange	\$	\$
210	20	EA	14" Retainer Ring/ Bolt on Flange	\$	\$
215	10	EA	16" Retainer Ring/ Bolt on Flange	\$	\$
220	25	EA	4" Joint Harness	\$	\$
225	50	EA	6" Joint Harness	\$	\$
230	50	EA	8" Joint Harness	\$	\$
235	20	EA	10" Joint Harness	\$	\$
240	20	EA	12" Joint Harness	\$	\$
245	20	EA	14" Joint Harness	\$	\$
250	10	EA	16" Joint Harness	\$	\$
255	10	CY	Concrete Thrust Blocking (as SDCW Approved)	\$	\$
260	2	EA	Tapping Sleeve w/ Tap, 4" X 4"	\$	\$
265	4	EA	Tapping Sleeve w/ Tap, 6" X 4" - 6"	\$	\$
270	4	EA	Tapping Sleeve w/ Tap, 8" X 4" - 8"	\$	\$
275	2	EA	Tapping Sleeve w/ Tap, 10" X 4" - 10"	\$	\$
280	4	EA	Tapping Sleeve w/ Tap, 12" X 4" - 12"	\$	\$
285	1	EA	Tapping Sleeve w/Tap, 20" X 4" - 20"	\$	\$
290	1	EA	Non-Pressurized Connections, 2" line	\$	\$
295	1	EA	Non-Pressurized Connections, 4"-10" line	\$	\$
300	1	EA	Non-Pressurized Connections, 12"-20" line	\$	\$
305	2	EA	2" CL125 Gate Valves, cip.	\$	\$
310	2	EA	4" CL125 Gate Valves, cip.	\$	\$
315	5	EA	6" CL125 Gate Valves, cip.	\$	\$
320	5	EA	8" CL125 Gate Valves, cip.	\$	\$
325	1	EA	10" CL125 Gate Valves, cip.	\$	\$
330	2	EA	12" CL125 Gate Valves, cip.	\$	\$
335	1	EA	2" CL250 Gate Valves, cip.	\$	\$
340	1	EA	4" CL250 Gate Valves, cip.	\$	\$
345	10	EA	6" CL250 Gate Valves, cip.	\$	\$
350	3	EA	8" CL250 Gate Valves, cip.	\$	\$
355	1	EA	10" CL250 Gate Valves, cip.	\$	\$
360	1	EA	12" CL250 Gate Valves, cip.	\$	\$
365	1	EA	16" CL250 Gate Valves, cip.	\$	\$
370	1	EA	20" CL250 Gate Valves, cip.	\$	\$
375	1	EA	24" CL250 Gate Valves, cip.	\$	\$
380	1	EA	12" CL250 Butterfly Valves, cip.	\$	\$
385	1	EA	16" CL250 Butterfly Valves, cip.	\$	\$
390	1	EA	20" CL250 Butterfly Valves, cip.	\$	\$
395	1	EA	24" CL250 Butterfly Valves, cip.	\$	\$
400	5	EA	Fire Hydrant, 5' or less bury, cip.	\$	\$

405	2	EA	Fire Hydrant Extension, 6" or 12" length	\$	\$
410	1	EA	Fire Hydrant Extension, 18" or 24" length	\$	\$
415	1	EA	Fire Hydrant Remove & Relay	\$	\$
420	1	EA	Fire Hydrant Remove & Return	\$	\$
425	1	EA	2 1/4" Flush Hydrant	\$	\$
430	1	EA	2" Blow-Off Valve Installation	\$	\$
435	1	EA	2" Pressure Relief Valve, cip.	\$	\$
440	1	EA	3" Pressure Relief Valve, cip.	\$	\$
445	1	EA	4" Pressure Relief Valve, cip.	\$	\$
450	1	EA	6" Pressure Relief Valve, cip.	\$	\$
455	1	EA	8" Pressure Relief Valve, cip.	\$	\$
460	1	EA	12" Pressure Relief Valve, cip.	\$	\$
465	1	EA	Air & Vacuum Release Valve, 1"	\$	\$
470	1	EA	Air & Vacuum Release Valve, 2"	\$	\$
475	1	EA	Install City of Santa Fe Furnished Valve/Meter, 2" - 4"	\$	\$
480	1	EA	Install City of Santa Fe Furnished Valve/Meter, 6" - 8"	\$	\$
485	1	EA	Install City of Santa Fe Furnished Valve/Meter, 10"-12"	\$	\$
490	1	EA	Metered 2" Bypass – Vault Installation	\$	\$
495	20	EA	Valve Box, cip.	\$	\$
500	5	EA	Valve Box Replacement	\$	\$
505	5	EA	Valve Box Removal of Existing	\$	\$
510	3	EA	Valve Box Adjustment	\$	\$
515	1	EA	Valve Stem Extension, 0'-4' Depth	\$	\$
520	4	VF	Precast 4' Diameter Pit w/ Lid Min. 4' Depth	\$	\$
525	8	VF	Precast 6' Diameter Pit w/ Lid Min. 4' Depth	\$	\$
530	8	VF	Precast 8' Diameter Pit w/ Lid Min. 4' Depth	\$	\$
535	7	CY	Cast-In-Place RCP Vault w/ Lid	\$	\$
540	1	EA	Prefabricated Vault, 4' X 8'	\$	\$
545	1	ACRE	Native Seeding	\$	\$
550	1	EA	Bollards (pair)	\$	\$
555	18	LF	4" Steel Casing	\$	\$
560	18	LF	4" PVC Casing	\$	\$
565	18	LF	14" Steel Casing	\$	\$
570	18	LF	16" Steel Casing	\$	\$
575	18	LF	18" Steel Casing	\$	\$
580	18	LF	22" Steel Casing	\$	\$
585	18	LF	26" Steel Casing	\$	\$
590	18	LF	28" Steel Casing	\$	\$
595	18	LF	30" Steel Casing	\$	\$
600	18	LF	36" Steel Casing	\$	\$
605	50	DIA-IN- LF	Bore & Jack Casing Pipe	\$	\$

610	18	LF	Open Cut Casing Pipe Installation, < 6' Deep	\$	\$
615	25	SY	Asphalt Pavement Removal & Disposal, <2"	\$	\$
620	200	SY	Asphalt Pavement Removal & Disposal, 2"-6"	\$	\$
625	10	SY	Concrete Pavement Removal & Disposal, <2"	\$	\$
630	10	SY	Concrete Pavement Removal & Disposal, 2"-6"	\$	\$
635	50	LF	Concrete Curb and Gutter Removal & Disposal	\$	\$
640	10	SY	Concrete Sidewalk Removal & Disposal	\$	\$
645	50	SY	Replace City Street Pavement w/o Laydown Machine, Virgin Asphalt	\$	\$
650	50	SY	Replace City Street Pavement w/o Laydown Machine, Recycled Asphalt	\$	\$
655	50	SY	Replace City Street Pavement with Laydown Machine, Virgin Asphalt	\$	\$
660	10	SY	Replace City Street Pavement with Laydown Machine, Recycled Asphalt	\$	\$
665	10	SY	Replace City Street Pavement with Temporary Cold Mix	\$	\$
670	100	SY	Replace Non-City Street Pavement w/o Laydown Machine, Virgin Asphalt	\$	\$
675	10	SY	Replace Non-City Street Pavement w/o Laydown Machine, Recycled Asphalt	\$	\$
680	10	SY	Replace Non-City Street Pavement with Laydown Machine, Virgin Asphalt	\$	\$
685	10	SY	Replace Non-City Street Pavement with Laydown Machine, Recycled Asphalt	\$	\$
690	1	SY	Replace Non-City Street Pavement with Temporary Cold Mix	\$	\$
695	10	SY	Replace Concrete Pavement	\$	\$
700	50	LF	Replace Concrete Curb & Gutter	\$	\$
705	10	SY	Replace Concrete Sidewalk	\$	\$
710	10	CY	Replace Gravel Surface, 0"-2"	\$	\$
715	10	CY	Replace Gravel Surface, 2"-4"	\$	\$
720	150	SY	Base course/Gravel (crushed or landscape), 0'-3"	\$	\$
725	50	SY	Base course/Gravel (crushed or landscape), 3"-6"	\$	\$
730	4	EA	Service, 3/4" Single, New Main	\$	\$
735	2	EA	Service, 3/4" Double, New Main	\$	\$
740	2	EA	Service, 1", New Main	\$	\$
745	1	EA	Service, 1 1/2", New Main	\$	\$
750	1	EA	Service, 2", New Main	\$	\$
755	5	EA	Service, 3/4" Single, Existing Main	\$	\$
760	2	EA	Service, 3/4" Double, Existing Main	\$	\$
765	1	EA	Service, 1", Existing Main	\$	\$
770	1	EA	Service, 1 1/2", Existing Main	\$	\$
775	1	EA	Service, 2", Existing Main	\$	\$
780	5	EA	Service Replacement, 3/4"	\$	\$
785	2	EA	Service Replacement, Double, 3/4"	\$	\$

790	1	EA	Service Replacement, 1"	\$	\$
795	1	EA	Service Replacement, 1 1/2"	\$	\$
800	1	EA	Service Replacement, 2"	\$	\$
805	3	EA	Meter Box Relocation/Replacement, 3/4"	\$	\$
810	1	EA	Meter Box Relocation/Replacement, 1"	\$	\$
815	1	EA	Meter Box Relocation/Replacement, 1-1/2"	\$	\$
820	1	EA	Meter Box Relocation/Replacement, 2"	\$	\$
825	5	EA	Service Transfer, 3/4"	\$	\$
830	2	EA	Service Transfer, 1"	\$	\$
835	1	EA	Service Transfer, 1 1/2"	\$	\$
840	1	EA	Service Transfer at Main, 2"	\$	\$
845	1	EA	Retire Existing Service at Main, 3/4"- 2"	\$	\$
850	1	EA	Retire Existing Meter Box & Setting	\$	\$
855	1	EA	Adjust Meter Box To Grade	\$	\$
860	11	EA	Service Saddle, 3/4" Tap, 4"-12" Main	\$	\$
865	4	EA	Service Saddle, 1" Tap, 4"-12" Main	\$	\$
870	3	EA	Service Saddle, 1 1/2" Tap, 4"-12" Main	\$	\$
875	3	EA	Service Saddle, 2" Tap, 4"-12" Main	\$	\$
880	100	LF	Service Tubing, 3/4"	\$	\$
885	100	LF	Service Tubing, 1"	\$	\$
890	100	LF	Service Tubing, 1 1/2"	\$	\$
895	25	LF	Service Tubing, 2"	\$	\$
900	1	EA	Air and Vacuum Valve (individual)	\$	\$
905	1	GROUP OF 10	Air and Vacuum Valves	\$	\$
910	1	EA	Automatic Flushing Valve	\$	\$
915	\$20,000	EA	Materials Mark-Up Over Invoice - Flat Rate	\$	\$
920	\$8,000	EA	Traffic Control Mark-Up Over Invoice – Flat Rate	\$	\$
925	1	Allow.	Street-Cut Permits	\$	\$
930	1	EA	Project Signs	\$	\$
935	10	HR	Archeological Required Delay (after 2 hrs.)	\$	\$
940	1	LS	Archeological Required Mob/Demob	\$	\$
EMERGENCY REPAIR					\$
9000	175	HR	Supervisor's Truck with tools	\$	\$
9100	80	HR	Backhoe/Skid Steer	\$	\$
9200	8	HR	Compressor with tools	\$	\$
9300	16	HR	Dump Truck	\$	\$
9400	4	HR	Pump	\$	\$
9500	300	HR	Laborer	\$	\$
9600	200	HR	Pipe Fitter	\$	\$
9700	200	HR	Equipment Operator	\$	\$
9800	175	HR	Foreman	\$	\$

9900	\$5,000	EA	Rental Items Mark-Up Over Invoice (multiply \$5,000 x your flat rate for Item Price)	\$	\$
9950	\$20,000	EA	Materials Mark-Up Over Invoice (multiply \$20,000 x your flat for Item Price)	\$	\$

Total of all Item Prices (last column): _____.



Suzanne Keiper <suzanne@subsurfacecontracting.com>

Professional Liability

1 message

Mascarenas, Emily <emily.mascarenas@hubinternational.com>
To: Suzanne Keiper <suzanne@subsurfacecontracting.com>

Thu, Jun 3, 2021 at 10:49 AM

Hi Suzanne;

I wanted to give you an update on the professional liability quote. My underwriter is reviewing it and hopefully we'll have a quote in the next day or two. I'm sorry this is taking longer than it should, but I'll forward the quote just as soon as I receive it.

Thank you!
Emily

Please note – I will be out of the office June 14 – June 18 returning June 21.



Advocacy. Tailored Insurance Solutions. Peace of Mind.

Emily M. Mascarenas

Executive Vice President

Hub Southwest

2905 Rodeo Park Drive East, Building 6, Suite 1

Santa Fe, NM 87505

Office: 505-992-1850**Mobile:** 505-660-1439

Fax: (866) 833-5364;

emily.mascarenas@hubinternational.com

hubinternational.com

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New Mexico E-Services for Contractor Licensing



[Home Page](#)

Company Search Results		Displaying 1st record of 1 record(s)			Page: 1 of 1	
License Number	Company Name	Principal Place of Business Address	City, Zip	Expiry Date	Status	
30972	<u>SUB SURFACE CONTRACTING, INC.</u>	27A PASEO DE RIVER	SANTA FE, 87507	05/31/2024	Active	

[Back to search page](#)

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City of Santa Fe
Treasury Department
200 Lincoln Ave.
Santa Fe, New Mexico 87504-0909
505-955-6551

BUSINESS REGISTRATION

Business Name: SUB SURFACE CONTRACTING INC.
DBA: SUB SURFACE CONTRACTING
INC.

Business Location: 27 PASEO DE RIVER "A"
SANTA FE, NM 87507

Owner: SUB SURFACE CONTRACTING INC.

License Number: 46991

Issued Date: April 01, 2021

Expiration Date: April 01, 2022

CRS Number: 02104256000

License Type: Business License - Renewable

Classification: Contractor - Specialty

Fees Paid: \$35.00

SUB SURFACE CONTRACTING INC.
27 A PASEO DE RIVER
SANTA FE, NM 87507

THIS IS NOT A CONSTRUCTION PERMIT OR SIGN PERMIT.
APPROPRIATE PERMITS MUST BE OBTAINED FROM THE CITY
OF SANTA FE BUILDING PERMIT DIVISION PRIOR TO
COMMENCEMENT OF ANY CONSTRUCTION OR THE
INSTALLATION OF ANY EXTERIOR SIGN.

THIS REGISTRATION/LICENSE IS NOT TRANSFERRABLE TO
OTHER BUSINESSES OR PREMISES.

TO BE POSTED IN A CONSPICUOUS PLACE

STATE OF NEW MEXICO

TAXATION AND REVENUE DEPARTMENT

RESIDENT CONTRACTOR CERTIFICATE

Issued to: **SUB SURFACE CONTRACTING, INC.**

DBA: **SUB SURFACE CONTRACTING, INC.**
27A PASEO DE RIVER ST
SANTA FE, NM 87507-8477

Expires: **04-Oct-2021**

Certificate Number:

L1082298544



John Monforte, Acting Cabinet Secretary

THIS CERTIFICATE IS NOT TRANSFERABLE

STATE OF NEW MEXICO

TAXATION AND REVENUE DEPARTMENT

RESIDENT VETERAN CONTRACTOR CERTIFICATE

Issued to: **SUB SURFACE CONTRACTING, INC.**

DBA: **SUB SURFACE CONTRACTING, INC.**
27A PASEO DE RIVER ST
SANTA FE, NM 87507-8477

Expires: **02-Jun-2024**

Certificate Number:

L1984985520



Stephanie Schardin Clarke
Cabinet Secretary

THIS CERTIFICATE IS NOT TRANSFERABLE

The following is a list of Suppliers/Venders we use to obtain materials needed for our projects:

1. Core & Main
6135 Second Street NW
Albuquerque, NM 87107
P: 505-344-0223

2. Albuquerque Vault
300 Airport Road NW
Albuquerque, NM 87121
P: 505-836-4404

Signed: *M. Suzanne Keiper* Dated: May 27, 2021