

SOUTHGATE RECONSTRUCT

**Contract Documents
and
Construction Specifications**

Bid Number 1625

**Project Manager
Geoffrey LaCost, E.I.**

**Town Manager/Engineer
Thomas A. Dallaire, P.E.**

**Gardnerville Town Board
Casandra Jones, Chairman
Linda Slater , Vice Chairman
Mary Wenner
Lloyd Higuera
Ken Miller**



**www.gardnerville-nv.gov
1407 Highway 395 North
Gardnerville, Nevada 89410
775.782.7134 voice
775.782.7135 fax**

SOUTHGATE RECONSTRUCT
BID # 1625

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INVITATION TO BID & CONTRACT



TOWN OF GARDNERVILLE
1407 Highway 395
Gardnerville, NV 89410
775.782.7134
775.782.7135 fax
<https://www.townofgardnerville.com/>

Bid #: **1625**

SUBMISSION DATE/TIME:

**Sealed Bids will be accepted until 3:00 p.m.
on May 30, 2018
at 1407 Highway 395, Gardnerville, NV 89410**

For further information contact:

Tom Dallaire, P.E., Gardnerville Town Manager

Geoff LaCost E.I. Superintendent of Public Works, (775) 782-7134

Copies of the bid documents and plans may be obtained at the Town of Gardnerville Administrative Offices, 1407 Highway 395, Gardnerville, NV 89410 between the hours of 8:00 A.M. and 5:00 P.M.

The Town of Gardnerville is accepting sealed bids for: **SOUTHGATE RECONSTRUCT**

Estimated Cost: **\$190,000**

In addition to the TERMS AND CONDITIONS OF THE INVITATION AND BID, the bid is to be submitted in accordance with any and all attached INSTRUCTIONS TO BIDDERS, SPECIFICATIONS, AND CONDITIONS.

The bid must be submitted on the original bid forms IBC-1 through IBC-8 and BF-1 through BF-10 in one complete copy.

An optional pre-bid conference will be held on **May 25, 2018** at 3:00 p.m. at the Town Administrative Offices, 1407 Highway 395, Gardnerville, NV 89410.

PRODUCT LITERATURE AND SPECIFICATIONS MUST BE SUBMITTED AS REQUIRED

IN WITNESS WHEREOF, OWNER and CONTRACTOR have signed this Agreement in triplicate. One counterpart each has been delivered to OWNER, CONTRACTOR and ENGINEER. All portions of the Contract Documents have been signed, initialed or identified by OWNER and CONTRACTOR or identified by ENGINEER on their behalf.

This Agreement will be effective on _____, 2018.

OWNER: Town of Gardnerville

CONTRACTOR: _____

By: Tom Dallaire, Town Manager

By _____

Attest _____

Attest _____

Address for giving notices:
1407 Highway 395
Gardnerville, NV 89410

Address for giving notices:

STATE OF NEVADA)

)ss.

COUNTY OF DOUGLAS)

One the _____ day of _____, 2018, Tom Dallaire, Gardnerville Town Manager, personally appeared before me, and acknowledged to me that, in conformance with the direction of the Gardnerville Town Boards' meeting of **June 5, 2018**, he executed the above instrument on behalf of the Town of Gardnerville, a political subdivision of the State of Nevada.

Carol Louthan, Administrative Services Manager

STATE OF NEVADA)

) SS:

COUNTY OF DOUGLAS)

On this _____ day of _____, in the year _____ before me, _____/ Notary Public, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is (are) subscribed to this instrument, and acknowledge that he (she/they) executed it.

WITNESS my hand and official seal.

Notary's Signature

My Commission Expires: _____

OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, **agree** as follows:

ARTICLE 1 - WORK

1.01 CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents, Specifications, Plans, and Drawings. The Work is generally described as follows: Furnish all labor, materials, and supplies as indicated on the drawings and documents to construct the project.

ARTICLE 2 - THE PROJECT

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

The project is the **SOUTHGATE RECONSTRUCT**

ARTICLE 3 - ENGINEER

3.01 The Project has been designed by: **Tom Dallaire, P.E., Gardnerville Town Manager/Engineer**

ARTICLE 4 - CONTRACT TIMES

4.01 Time of the Essence

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 Dates for Substantial Completion and Final Payment

A. The Work will be substantially completed on or before **August 31, 2018**, and completed and ready for final payment in accordance with paragraph 14.07 of the General Conditions on or before **August 31, 2018**.

4.03 Liquidated Damages

A. CONTRACTOR and OWNER recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not completed within the times specified in paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER two-hundred fifty dollars (\$250.00) for each day that expires after the time specified in paragraph 4.02 for Substantial

Completion until the Work is substantially complete. After Substantial Completion, if CONTRACTOR shall neglect, refuse or fail to complete the remaining Work within the time specified in paragraph 4.02 for completion and readiness for final payment or any proper extension thereof granted by OWNER, CONTRACTOR shall pay OWNER two-hundred fifty dollars (\$250.00) for each day that expires after the time specified in paragraph 4.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

B. In the event that the CONTRACTOR fails to pay OWNER the specified liquidated damages amount within thirty (30) days of CONTRACTOR's being notified of said damages, OWNER may deduct the amount of the assessed liquidated damages from the final payment or retention withheld pursuant to Article 14 of the General Conditions.

ARTICLE 5 - CONTRACT PRICE

5.01 OWNER shall pay CONTRACTOR for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined below:

A. For all Unit Price Work, an amount equal to the sum of the established Unit Price for each separately identified item of Unit Price Work times the estimated quantity of that item, as indicated in the attached Bid Schedule;

B. As provided in paragraph 11.03 of the General Conditions estimated quantities are not guaranteed, and determinations of actual quantities and classification are to be made by ENGINEER as provided in paragraph 9.08 of the General Conditions. Unit prices have been computed as provided in paragraph 11.03 of the General Conditions.

ARTICLE 6 - PAYMENT PROCEDURES

6.01 Submittal and Processing of Payments

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

6.02 Progress Payments; Retainage

A. OWNER shall make progress payments on account of the Contract Price on the basis of CONTRACTOR's Applications for Payment as recommended by OWNER, on or about the Friday following either the first or third Thursday of each month, depending upon the timing of submittals and approvals, as provided in paragraphs 6.02.A.1 and 6.02.A.2 below. All such payments will be measured by the schedule of values established in paragraph 2.07.A of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements:

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below, but, in each case, less the aggregate of payments previously made and less such amounts as OWNER shall determine or OWNER may withhold, in accordance with paragraph 14.02 of the General Conditions:

a. 90% of Work completed (with balance being retainage). If Work has been 50% completed as determined by OWNER, and if the character and progress of the Work have been satisfactory to OWNER, may determine that as long as the character and progress of the Work remain satisfactory to them, there will be no retainage on account of Work subsequently completed, in which case the remaining progress payments prior to Substantial Completion will be in an amount equal to 100% of the Work completed less the aggregate of payments previously made; and

b. 90% of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

2. Upon Substantial Completion, OWNER shall pay an amount sufficient to increase total payments to CONTRACTOR to 90% of the Work completed, less such amounts as OWNER shall determine in accordance with paragraph 14.02.B.5 of the General Conditions and less 100 % of Engineer's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed or corrected attached to the certificate of Substantial Completion.

6.03 *Final Payment*

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

ARTICLE 7 - INTEREST

7.01 All moneys not paid when due as provided in Article 14 of the General Conditions shall bear interest at the rate allowed by law at the place of the project.

ARTICLE 8 - CONTRACTOR'S REPRESENTATIONS

8.01 In order to induce OWNER to enter into this Agreement CONTRACTOR makes the following representations:

A. CONTRACTOR has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.

B. CONTRACTOR has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. CONTRACTOR is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.

D. CONTRACTOR has carefully studied all (if any): (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities)

which have been identified in any Supplementary Conditions as provided in paragraph 4.02 of the General Conditions and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site which has been identified in the bid as provided in paragraph 4.06 of the General Conditions.

CONTRACTOR accepts the determination set forth in any Supplementary Conditions of the extent of the "technical data" contained in such reports and drawings upon which CONTRACTOR is entitled to rely as provided in paragraph 4.2 of the General Conditions. CONTRACTOR acknowledges that such reports and drawings are not Contract Documents and may not be complete for CONTRACTOR's purposes. CONTRACTOR acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Contract Documents with respect to Underground Facilities at or contiguous to the site.

E. CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction, if any, expressly required by the Contract Documents to be employed by CONTRACTOR, and safety precautions and programs incident thereto.

F. CONTRACTOR does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.

G. CONTRACTOR is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Contract Documents.

H. CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

I. CONTRACTOR has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that CONTRACTOR has discovered in the Contract Documents, and the written resolution thereof by ENGINEER is acceptable to CONTRACTOR.

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

ARTICLE 9 - CONTRACT DOCUMENTS

9.01 *Contents*

- A. The Contract Documents consist of the following:
1. This Agreement (pages IBC-1 to IBC-8, inclusive);

2. Performance Bond (pages CPB-1 to CPB-3, inclusive);
3. Payment Bonds (pages PB-1 to PB-3, inclusive);
4. Other Bonds (pages BB-1 to BB-2, inclusive);
5. General Conditions (pages GC-1 to GC-49, inclusive, not attached);
6. Supplementary Conditions (pages SC-1 to SC-4, inclusive, not attached);
7. Specifications as listed in table of contents of the Project Manual, including “Notice of Intent” (pages 1 thru 5) (not attached);
8. Drawings (11X17, not attached) for the Project consisting of sheets numbered **G-1, G-2, C-1** inclusive with each sheet bearing the following general title: **Southgate Reconstruct.**
9. Addenda (numbers ___ to __, inclusive);
10. Exhibits to this Agreement (enumerated as follows):
 - a. Notice to Proceed (pages NTP-1 to NTP-2 inclusive, not attached)
 - b. CONTRACTOR’s Bid (pages BF-1 to BF-10, inclusive, not attached).
 - c. Documentation submitted by CONTRACTOR prior to Notice of Award (pages ___ to __, inclusive, not attached).
11. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - a. Written Amendments
 - b. Work Change Directives
 - c. Change Order(s)
12. Part 2 and Part 3 of the “Standard Specifications for Public Works Construction, Washoe County, City of Sparks, City of Reno, Carson City, City of Yerington,” 2012 Edition, incorporated by reference.

The documents listed in paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

There are no Contract Documents other than those listed above in this Article 9.

- D. The Contract Documents may only be amended, modified or supplemented as provided in paragraph 3.05 of the General Conditions.

ARTICLE 10 - MISCELLANEOUS

10.03 *Terms*

Terms used in this will have the meanings indicated in the General Conditions.

10.03 *Assignment of Contract*

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

10.03 *Successors and Assigns*

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

10.04 *Severability*

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

10.05 *Other Provisions*

A. If applicable, in the event that there is any litigation relative to the interpretation or enforcement of this agreement or any of the Contract Documents, the prevailing party shall be entitled to a reasonable Attorney's fee, together with costs of suit.

TOWN OF GARDNERVILLE

INSTRUCTIONS TO BIDDERS

1. Terms and Definitions

Terms used in this document are defined in the Standard Specifications for Public Works Construction ("Orange Book"), Part 1 General Provisions, 2007 Edition and A.I.A. Document A201 General Conditions of the Contract for Construction, 2007.

2. Submission

Sealed bids will be accepted in the Town of Gardnerville Administrative offices if received and time stamped in those offices prior to the close of the bid receiving period as indicated. At the time specified the bids will be publicly opened, read aloud, and available for review. Bids received late will be rejected. Bids must be prepared on the forms provided, signed as an acceptance of the Terms and Conditions of the Bid by an officer of the firm authorized to sign bids, with all requested information clearly indicated for each line item quoted.

UNSIGNED BIDS WILL BE REJECTED.

3. Addenda

Any irregularities or lack of clarity in the Invitation and Bid must be brought to the attention of the Town of Gardnerville in writing no less than five business days prior to the bid opening. Unless so noted, subject matters shall be interpreted to favor the Town of Gardnerville. If deemed necessary, written addenda shall be issued to all holders of bid documents, with said documents considered modified or amended by addenda so issued. All addenda must be acknowledged by signature where provided and returned, either with the bid submission or under separate cover clearly marked with the bid number and date of opening, prior to the close of the bid receiving period. Verbal interpretations are not to be relied upon. FAILURE OF THE BIDDER TO CALL ATTENTION TO IRREGULARITIES OR LACK OF CLARITY WILL NOT RELIEVE THE BIDDER OF PERFORMANCE UNDER THE CONTRACT.

4. Bid Bonds

A Bid Bond, cashier's check, or certified check must be submitted with the bid. The bond is to be issued by a company resident in and licensed to do business in the State of Nevada. The bonds or checks of the three lowest bidders will be retained until all required bonds and certificates have been received from, and the contract signed by, the low responsive and responsible bidder.

5. Examination of the Job Site

Prior to the submission of a bid, the bidder is responsible for examining the job site to familiarize himself with the existing conditions. Although public property, job site visits must be arranged with and approved by the Town of Gardnerville prior to the visit. Any discrepancy between the bid documents and actual site conditions shall immediately be brought to the attention of the owner in writing. Failure to examine the job site or call attention to discrepancies shall not relieve the Contractor of performance under any contract issued as a result of his bid. Any pre-bid conference shall be specified elsewhere in these documents, if required.

6. Licensed Contractor

AT THE TIME OF THE BID OPENING, BIDDERS SHALL POSSESS A CURRENT NEVADA CONTRACTORS LICENSE OF THE CLASS AND DOLLAR AMOUNT NECESSARY TO PERFORM THE DESCRIBED PROJECT. ALL SUBCONTRACTORS MUST BE SIMILARLY LICENSED.

NRS 338.141 mandates a bidder's compliance with certain requirements:

First, the statute requires with a bid for any public works project, the submission of a list of each subcontractor who will provide labor, or a portion of the work or improvement to a contractor for which he will be paid an amount exceeding 5 percent of the prime contractor's total bid. Within 2 hours after the completion of the opening of the bids, the general contractors who submitted the three lowest bids must submit a list of the name of each subcontractor who will provide labor or a portion of the work or will be paid an amount exceeding 1 percent of the prime contractor's total bid or \$50,000, whichever is greater, and the number of the license issued to the subcontractor pursuant to NRS chapter 624. If a general contractor fails to submit such a list within the required time, his bid shall be deemed not responsive.

Second, the statute requires with a bid for any public works project, the submission of a description of the portion of the work or improvement which each subcontractor named in the list will complete.

Third, the statute requires with a bid for any public works project, the submission of a list in the bid that names a subcontractor for each portion of the project that will be completed by a subcontractor.

Fourth, a contractor whose bid is accepted shall not substitute any other subcontractor for a subcontractor who is named in the bid unless:

1. The awarding authority objects to the subcontractor; or
2. The substitution is approved by the awarding authority and:
 - a) The subcontractor, after having a reasonable opportunity, fails or refuses to execute a written contract with the contractor which was offered to the subcontractor with the same terms that all other subcontractors on the project were offered.
 - b) The named subcontractor files for bankruptcy or becomes insolvent.
 - c) The named subcontractor fails or refuses to perform his subcontract within a reasonable time or is unable to furnish a performance bond and payment bond pursuant to NRS 339.025.

7. Bid Evaluation

The products and materials bid shall be new and of current manufacture unless otherwise stated in the bid and shall be bid F.O.B. destination. Delivery must be stated in realistic terms and will be a factor in vendor evaluation.

Bids will be evaluated for price, conformance to the specifications, terms and conditions, instructions to bidders, special conditions, experience, and other factors as appropriate, with the award to the bidder(s) deemed of greatest advantage to the Town of Gardnerville. The Town of Gardnerville reserves the right to accept or to reject any or all or any part of a bid received, to waive irregularities, and to hold bids for thirty days prior to the award.

8. Preference

NRS 338.1389 and 338.147 provides for a 5 percent bidder preference to bidders who qualify for the preference. There are several requirements which must be met by a bidder under this statute:

- A. The public body must find a bidder responsive and responsible.
- B. The bidder, at the time the bid is submitted, must provide to the public body a copy of a certificate of eligibility issued by the State Contractors' Board in accordance with NRS 338.1389 and 338.147.
- C. The total contract price must exceed \$250,000 before the contractor may claim the preference.

If the bidder meets the requirements, that bidder shall be deemed to have submitted a better bid than a competing contractor who has not provided the certificate of eligibility issued by the State Contractors' Board if the amount of that bidder's bid is not more than 5 percent higher than the amount bid by the competing contractor.

If any federal statute or regulation precludes the granting of federal assistance or reduces the amount of federal assistance for a particular public work because of the bidder preference discussed above, the preference does not apply insofar as the application of the preference would preclude or reduce federal assistance for the public work.

9. Bid Award

Bid award shall be on an "all or none" basis unless otherwise stated. The bid award will be made by the Gardnerville Town Board at a scheduled meeting unless the award may be made by the Gardnerville Town Manager. In no event shall this Invitation and Bid be construed as an obligation on the part of the Town of Gardnerville to issue a purchase order or award. Checks submitted in lieu of bonds will be returned after receipt of any required performance bonds and certificates of insurance from the awarded bidder.

10. Collusion

Any agreement or collusion among bidders or prospective bidders to bid a fixed price or restrict the competitive bid process in any way shall render the bids of such bidders void.

11. Interest in More Than One Bid

No person, firm, or corporation, under the same or a different name, shall make, file, or be interested in more than one bid for the same work unless alternate bids are requested; however, submitting a subcontractors bid or material quotation to more than one bidder will not disqualify the subcontractor or material supplier.

12. Independent Contractor Status

The parties agree that Contractor shall have the status of and shall perform all work under this contract as an independent contractor, maintaining control over all its consultants, sub consultants, contractors, or subcontractors. The only contractual relationship created by this contract is between the Town of Gardnerville and Contractor, and nothing in this contract shall create any contractual relationship between the Town of Gardnerville and Contractor's consultants, sub consultants, contractors, or subcontractors. The parties also agree that this contract, by explicit agreement of the parties, incorporates and applies the provisions of Nevada Revised Statutes 284.173, as necessarily adapted, to the parties, including that Contractor is not a Town of Gardnerville employee and that there shall be no:

- (1) Withholding of income taxes by the Town;
- (2) Industrial insurance coverage provided by the Town;
- (3) Participation in group insurance plans which may be available to employees of the Town;
- (4) Participation or contributions by either the independent contractor or the Town to the public employee's retirement system;
- (5) Accumulation of vacation leave or sick leave;
- (6) Unemployment compensation coverage provided by the Town if the requirements of NRS 612.085 for independent contractors are met.

13. Liability Clause

The Contractor, in the performance of the Contract, shall release and discharge the Town of Gardnerville, the Gardnerville Town Board, its officers and employees from liability for, and assume the risk of, loss or damage to property of the Contractor. Further, the Contractor shall save, hold harmless, and defend the Town of Gardnerville against all losses, all liabilities, expenses and other detriments of any nature and description, to which the Town of Gardnerville may be subjected by reason of any negligent act or omission of the Contractor, or by any of the contractor's subcontractors, employees, agents, invitees or licensees where such loss, liability, expense or other detriment arises out of or in connection with the performance of work under the contract including, but not limited to, liens, personal injury, death or loss of, or damage to property of the Town of Gardnerville or others.

14. Performance Bond and Labor/Materials Payment Bond

The successful bidder shall furnish and a Performance Bond and a Labor and Materials Bond in amounts equal to 100 percent of the full amount of the Contract. The successful bidder will be required to obtain the Performance Bond and Labor/Materials Payment Bond within fifteen calendar days of the written notification of the bid award and before work is commenced. The bonds are to be issued by a surety company or companies authorized to do business in the State of Nevada and satisfactory to the Town of Gardnerville. The bonds are to be delivered to the Gardnerville Town Manager and shall be made payable to the Town of Gardnerville. Failure to provide the required bonds within the fifteen calendar days will result in forfeiture of the Bid Bond and award of the contract to the next lowest bidder. Forfeiture of the Bid Bond will not restrict the Town of Gardnerville from further legal recourse.

15. Contractor's Liability Insurance

The Contractor shall provide and maintain during the effective life of the awarded Contract Comprehensive General Liability Insurance covering the Contractor and the Town of Gardnerville. Proof of insurance coverage required shall be by separate policy or Certificate of Comprehensive or Commercial General Liability Insurance furnished to the Town of Gardnerville by the Contractor within 10-calendar days of notification of Contract award. The Town of Gardnerville shall be named as an additional insured covering all operations of the Contractor, with the general liability policy providing protection from claims set forth below:

- a. Products/Completed Operations;
- b. Blanket Contractual;
- c. Independent Contractors; Broad Form Property Damage;
- d. Personal Injury; and
- e. Automobile Liability

The policy shall provide the following minimum limits of coverage set forth below:

- a. Bodily Injury and Property Damage-\$1,000,000 dollars Combined Single Limit each occurrence; AND
- b. If the policy contains an "Annual Aggregate" or "Policy Aggregate", the minimum aggregate amount shall be \$2,000,000 dollars.

Certificates of insurance are to be issued by a company licensed to do business in the State of Nevada and shall be delivered to the Gardnerville Town Manager. All liability insurance policies shall bear an endorsement or shall have an attached rider whereby it is provided that, in the event of nonrenewal of such policies for any reason whatsoever, the Town of Gardnerville shall be notified by registered mail not less than 30-calendar days before expiration or cancellation is effective. The Town of Gardnerville reserves the right to require insurance in an amount greater than specified above. Any such additional amount shall be specified on the bid document. The issuing company is subject to approval by the Town of Gardnerville.

Nothing herein shall be construed as limiting in any way the extent to which the Contractor may be held responsible for payment of damages to persons or property resulting from Contractor's operations or the operations of any of the Contractor's subcontractors.

16. Workman's Compensation

Contractor shall comply with NRS Chapters 616A through 616D, inclusive. Contractor further agrees, as a precondition to the performance of any work under this Contract and as a precondition to any obligation of the Town of Gardnerville to make any payment under this Contract, to provide the Town of Gardnerville with a work certificate and/or a certificate issued by a qualified insurer in accordance with NRS 616B.627. Contractor also agrees, prior to commencing any work under the contract, to complete and to provide the following written request to the insurer:

(Company Name) has entered into a contract with the Town of Gardnerville to perform work from (starting date) to (ending date) and requests that the insurer provide to the Town of Gardnerville 1) a certificate of coverage issued pursuant to NRS Chapter 616B.627, and 2) notice of any lapse in coverage or nonpayment of coverage that the contractor is required to maintain. The certificate and notice shall be mailed to:

**Gardnerville Town Manager
1407 Highway 395
Gardnerville, NV 89410**

Contractor agrees to maintain required workers compensation coverage throughout the entire term of the contract. If Contractor does not maintain coverage throughout the entire term of the contract, Contractor agrees that the Town of Gardnerville may, at any time the coverage is not maintained by Contractor, immediately order the Contractor to stop work and may immediately suspend or terminate the contract.

In lieu of furnishing a certificate or an insurer pursuant to NRS 616B.627, a sole proprietor who does not use the services of employees in the performance of the Contract, may submit an affidavit indicating that the sole proprietor:

- a. In accordance with the provisions of NRS 616B.659, has not elected to be included within the terms, conditions and provisions of chapters 616A to 616D, inclusive, of NRS; and
- b. Is otherwise in compliance with those terms, conditions and provisions.

17. Prevailing Wage

On projects exceeding \$250,000.00 in total cost, the Contractor and his subcontractors shall pay the prevailing wages as established by the Labor Commissioner of the State of Nevada pursuant to the provisions on NRS Chapter 338. The General Contractor shall collect from subcontractors and ensure the receipt of a certified copy of each monthly payroll by the Town of Gardnerville no later than 10 days after the end of the month. If the Contractor or any subcontractor fails to pay the prevailing wage, the General Contractor shall forfeit to the Town of Gardnerville \$20 for each working day or portion thereof for each worker to whom the Contractor or Subcontractor failed to pay the prevailing wage. If the Contractor fails to ensure the receipt of the certified payroll reports by the Town of Gardnerville within ten calendar days after the end of the month, the General Contractor shall forfeit to the Town of Gardnerville \$20 for each calendar day or portion thereof and for each worker listed on the late certified payroll reports.

18. Permits, Fees, Licenses, and Taxes

The Contractor shall be responsible for securing all required permits, for all approvals or reviews, and for any required licenses.

19. Submittals

Shop drawings and manufacturers specifications are to be submitted to the Engineer for review prior to construction. Upon completion of construction and prior to final payment, "As Built" drawings and manufacturers' operating manuals for installed equipment shall be provided to the Town of Gardnerville.

20. Pre Construction Meeting

The Contractor and subcontractors shall attend a pre-construction meeting with representatives of the Town of Gardnerville to discuss specific project procedures. The pre-construction meeting may be waived by mutual agreement of the Contractor and the Town of Gardnerville.

21. Construction Schedule

The Contractor shall submit a construction schedule to the Town of Gardnerville prior to the pre-construction meeting. The construction schedule shall establish the start and completion dates for each phase of the project in sufficient detail to relate to the progress payment schedule of values. The Town of Gardnerville shall review and approve the schedule prior to commencement of work.

22. Construction Utilities

The Contractor shall arrange for and bear the cost of all temporary construction utilities including water for dust control.

23. Compliance

The Contractor shall be responsible for complying with all County, State, and Federal Codes, Laws, Statutes, Regulations, Ordinances, and Policies, as applicable, in the performance of the contract.

24. Access to Work Site

The Contractor, in the performance of the contract, shall not be unduly denied access to the work site provided that such access does not interfere with normal Town of Gardnerville operations unless prior arrangements have been made with the Town of Gardnerville.

25. Worksite Security/Safety

The Contractor shall provide barricades, fencing, exhaust fans, temporary closures, hoods, drapes, or any other temporary structure required to protect Town of Gardnerville personnel and the general public from accidental injury, illness, or death during the term of the project. The Contractor shall be responsible for securing the project to prevent theft, vandalism, or arson of the Town's or the Contractor's property, materials, equipment, and supplies. The Town of Gardnerville shall not be responsible for any property, equipment, materials, or supplies of the Contractor. The Contractor shall be responsible for any theft, vandalism, or arson of Town property, materials, equipment, or supplies if such loss is due to the negligence of the Contractor.

26. Damage to Town Property

Any damage to real or personal property owned by the Town of Gardnerville and caused by the Contractor, his subcontractors, or agents shall be promptly repaired or replaced to the approval of the Town.

27. Clean up

In the performance of the contract, the Contractor shall keep the job site cleared of rubbish, debris, and scrap material. Upon completion of the project all equipment, tools, supplies, and materials which are not the property of the Town of Gardnerville shall be promptly removed from the job site. The job site and surrounding areas are to be restored to the conditions existing prior to the commencement of work under the contract unless specifically modified by the scope of work under the project.

28. Utilities

The location of all known utilities underground, above ground, or enclosed within a structure are indicated in the bid documents to the best knowledge of the Engineer. It is the responsibility of the Contractor to verify the location of all known or suspected utilities by contacting the utility owner prior to undertaking any excavation or demolition and to arrange for any interruption or termination of service. Any damage to known or suspected utilities caused by the Contractor's failure to verify the location with the owner of the utility shall be repaired or

replaced at the expense of the Contractor. The Contractor shall notify the Town of Gardnerville forty-eight hours in advance of any planned utility interruption.

29. Layout

The owner shall provide vertical and horizontal construction reference points. Job layout shall be the responsibility of the Contractor and shall be included in the bid price.

30. Workmanship

All work shall be performed by competent personnel under the direction of a qualified project superintendent who shall be the representative of the Contractor. Work performed shall meet the workmanship standards for the trade involved. All materials and equipment installed by the Contractor shall be new, of suitable quality, and conform to all Specifications and/or Drawings. The use of other than new materials or equipment is not acceptable without the written consent of the Town of Gardnerville and will include a mutually agreeable cost reduction. Town of Gardnerville supplied materials or equipment is furnished on an "AS-IS, WHERE IS" basis and will be subject to guarantee for workmanship only.

33. Testing & Inspection

The Contractor shall arrange for all testing and inspections required by the statutes, ordinances, codes, laws, and regulation of any agency having jurisdiction over the project. The Town of Gardnerville shall be notified of the test or inspection prior to the time scheduled and will be provided copies of the test or inspection results. Cost of such required tests shall be borne by the Town of Gardnerville.

34. Replacement

Defective material, equipment, or workmanship shall be replaced as directed by the Engineer at no cost to the Town of Gardnerville. Should the Town of Gardnerville elect to accept defective materials, equipment, or workmanship, the Contractor shall reduce the contract amount by a sum agreeable to the Town of Gardnerville and the Contractor. Should the Contractor not replace the defective material, equipment, or workmanship and should the owner insist on replacement, the Town of Gardnerville may replace the defective material, equipment, or workmanship and withhold the cost of such replacement from any monies due the Contractor or take any legal action as may be necessary to recover the cost of the replacement. Should the Engineer or the Town of Gardnerville require laboratory testing not specifically required by the specifications to determine the quality of materials, equipment, or workmanship, the cost of such testing will be borne by the Town of Gardnerville if the test results meet the specifications and by the Contractor if the test results fail to meet the specifications.

35. Progress Payments

The Town of Gardnerville may authorize progress payments if the project duration exceeds thirty days. Progress payment requests are to be submitted to the Engineer accompanied by a schedule of values. The Town of Gardnerville will authorize progress payments in accordance with NRS 338.515, and reserves the right to reduce the progress payment amount if, in the opinion of the Engineer or Town of Gardnerville, that the values on the schedule exceed the amount of work completed or material delivered to the job site. Any such changes will be reviewed with the Contractor.

36. Retention

Progress payments shall be subject to 10 percent retention until the project is at least 50 percent complete and may be reduced thereafter at the discretion of the Town of Gardnerville.

37. Change Orders

The Contractor shall not undertake additions to, or changes to, or deletions from the contract without a written change order signed by the owner. Change order costs including a schedule of values are to be submitted to the Engineer for review and recommendation. In no event will the Town of Gardnerville be liable for any work commenced by the Contractor upon a verbal authorization of the Engineer or any perceived representation of the Town of Gardnerville.

38. Guarantee

The Contractor shall guarantee the entire work constructed by him under the contract to be free of defects in materials and workmanship for a period of one (1) year following the date of acceptance of the work by the Town of Gardnerville. The Contractor shall agree to make, at his own expense, any repairs or replacements made necessary by defects in materials or workmanship (standards of the industry) which become evident within said guarantee period. The Contractor shall further agree to indemnify and save harmless the Town of

Gardnerville, the Gardnerville Town Board, their officers, agents and employees, against and from all claims and liability arising from damage and injury due to said defects. The Contractor shall make all repairs and replacements promptly upon receipt of written order from the Town of Gardnerville. If the Contractor fails to make the repairs and replacements promptly, the Town may do the work and the Contractor and his surety shall be liable to the Town of Gardnerville for the cost of such work.

39. Completion

Failure of the Contractor to perform any covenant or condition contained in the contract documents within the time period specified shall constitute a material breach of this contract entitling the Town of Gardnerville to terminate the Contract unless the Contractor makes written application to the owner for an extension of the Contract completion date and the owner provides a written acceptance of the revised completion date. In the event of breach of the Contract by the Contractor, the Town of Gardnerville may terminate the contract for cause and (1) procure the required services from another Contractor and hold the Contractor liable for any additional costs occasioned thereby; (2) remove the Contractor from the bid list for a period of not less than one (1) year; and (3) take any appropriate legal action against the Contractor in breach including but not limited to the forfeiture of bonds to compensate the Town of Gardnerville for damages suffered as a result of breach.

40. Liquidated Damages

Time is of the essence in this contract. It is agreed by the parties to the Contract that in case the work is not completed within the time specified in the bid documents, damage will be sustained by the Town of Gardnerville. It is therefore agreed that the Contractor should pay to the Town of Gardnerville as liquidated damages and not as a penalty, the amount specified in the bid documents for each and every calendar day beyond the time set for completion. It is further agreed that the liquidated damages shall not be assessed for causes beyond the control of the Contractor which are not a result of his negligence. In case of delays not caused by the Contractor, the Contractor must make a written request to the Town of Gardnerville for a time extension and must receive the written consent of the Town of Gardnerville or the Contractor shall be liable for liquidated damages. Delays not the fault of the Contractor shall not entitle the Contractor to additional compensation. The sole remedy of the Contractor consists of the extension of the Contract completion date.

41. Arbitration

All claims, disputes and other matters in question between the Town of Gardnerville and Contractor, and which have not been resolved by the Engineer, arising out of or relating to the Contract documents or breach thereof (except for claims which have been waived by the making or acceptance of the final payment) will be decided by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. This agreement so to arbitrate and any other agreement or consent will be enforceable under the prevailing laws of the State of Nevada.

42. Employment Preference

On all public works projects, Contractors shall, if the qualifications of the application of the applicants are equal, give preference to:

1. Honorably discharged Veterans of the United States who are citizens of the State of Nevada.
2. Other citizens of the State of Nevada.

Failure or refusal of the Contractor to comply with this provision shall render any Contract void.

43. Fair Employment Practices

In connection with the performance of work under this Contract, the Contractor agrees not to discriminate against any employee or applicant for such employment because of race, creed, color, national origin, sex or age. Such agreement shall include, but not be limited to, the following: Employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

The Contractor further agrees to insert this provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials. Any violation of such provision by a Contractor shall constitute a material breach of contract.

44. Appeal by Unsuccessful Bidders

Any unsuccessful bidder may appeal a pending bid award prior to award by the Town of Gardnerville. The appellant must:

- a. Submit a written protest to the Gardnerville Town Manager within five (5) workdays after the bid opening.
- b. Describe, in the written protest, the issues to be addressed on appeal.
- c. Post, with the written protest, a bond with good and solvent surety authorized to do business in this state or submit other security in a form approved by the Town of Gardnerville, who will hold the bond or security until a determination is made on the appeal.
- d. Post the bond or other security in the amount of 25% of the total dollar value of appellant's bid, up to a maximum bond or other security amount of \$250,000.
- e. Not seek any type of judicial intervention until the Town of Gardnerville has rendered its final decision on the protest.

The Town of Gardnerville will stay any award actions until after the Gardnerville Town Manager has responded in writing to the protest. If the appellant is not satisfied with the response, the appellant may then protest to the Gardnerville Town Board who will render a final decision for the Town. No bid protests will be heard by the Gardnerville Town Board unless the bidder has followed the appeal process.

If an appeal is granted, the full amount of the posted bond will be returned to the appellant. If the appeal is denied or not upheld, a claim may be made against the bond for expenses suffered by the Town of Gardnerville because of the unsuccessful appeal.

The Town of Gardnerville is not liable for any costs, expenses, attorney's fees, and loss of income or other damages sustained by the appellant in a bid process.

45. Suspension and Debarment Requirements for Federal Contracts

For federally-funded public works, the Bidder certifies, by submission of this bid or acceptance of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this bid that it will include this clause without modification in all lower tier transactions, solicitations, bids, contracts, and subcontracts. Where the Bidder/ Contractor or any lower tier participant is unable to certify to this statement, it shall attach an explanation to the solicitation/proposal.

46. Unbalanced Pricing

1. An offer with unbalanced pricing may increase performance risk and could result in payment of unreasonably high prices. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly over or understated as indicated by the application of cost or price analysis techniques. The greatest risks associated with unbalanced pricing occur when:
 - a. Startup work, mobilization, first articles, or first article testing are separate line items that cause a bidder to receive substantial up-front payment;
 - b. Base quantities and option quantities are separate line items; or
 - c. The evaluated price is the aggregate of estimated quantities to be ordered under separate line items of an indefinite delivery contract.
2. All offers with separately priced line items or sub-line items shall be analyzed to determine if the prices are unbalanced. If an offer is unbalanced, the Town must:
 - d. Consider the risks to the Town associated with the unbalanced pricing in determining the competitive range and in making the award decision; and
 - e. Consider whether award of the contract will result in paying unreasonably high prices for contract performance and whether the award fails to represent the lowest ultimate cost to the Town.
3. An offer may be rejected if the Town determines that the lack of balances poses an unacceptable risk to the Town.

BID FORM

PROJECT IDENTIFICATION: SOUTHGATE RECONSTRUCT

CONTRACT IDENTIFICATION AND NUMBER: 1625

THIS BID IS SUBMITTED TO: Town of Gardnerville
1407 Highway 395
Gardnerville, NV 89410

1.01 The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with TOWN OF GARDNERVILLE in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

2.01 BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 60 days after the day of Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of TOWN OF GARDNERVILLE.

3.01 In submitting this Bid, BIDDER represents, as set forth in the Agreement, that:

- A. BIDDER has examined and carefully studied the Bidding Documents and the following Addenda, receipt of all which is hereby acknowledged.

Addendum No.

Addendum Date

- B. BIDDER has visited the Site and become extensively knowledgeable of, and is satisfied as to the general, local and Site conditions that may affect cost, progress, performance of the Work.
- C. BIDDER is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. BIDDER has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified, and (2) reports and drawings of a Hazardous Environmental Condition, if any, which has been identified.
- E. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigation, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by BIDDER, and safety precautions and programs incident thereto.

- F. BIDDER is aware of the general nature of work to be performed by TOWN OF GARDNERVILLE and others at the Site that relates to the Work as indicated in the Bidding Documents.
- G. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- H. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that BIDDER has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to BIDDER.

4.01 Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any individual or entity to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over TOWN OF GARDNERVILLE.

5.01 The requirements of the Nevada Revised Statutes (NRS) shall apply to this project. The bidder is responsible for compliance with all applicable statutes.

5.02 The entire set of Nevada Revised Statutes are available for review at the town of Gardnerville Administrative Offices, 1407 Highway 395, Gardnerville, NV 89410.

6.01 BIDDER will complete the Work in accordance with the Contract Documents for the following prices:

SEE ATTACHED BID SCHEDULE BF-6

7.01 The following documents are attached to and made a condition of this Bid:

- A. Bid Form;
- B. Bid Bond (or Certified or Cashier's Check);
- B. A tabulation of Subcontractors, Suppliers and other individuals and entities required to be identified in this Bid; and
- C. Construction Contractor's Qualification Statement for Engineered Construction.

8.01 Communications concerning this Bid shall be addressed to:
(Contractor's mailing address to be filled in by Bidder)

10.01 The terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and any Supplementary Conditions.

SUBMITTED on _____, 2018.

NV State Contractor License No. _____ Class _____

If BIDDER is:

An Individual

Name (typed or printed) _____

By _____ (SEAL)

(Individual's Signature)

Doing business as: _____

Business address: _____

Phone No.: _____ Fax No.: _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____

(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____ (Corporate Seal)

Attest: _____

(Signature of Corporate Secretary)

Business Address: _____

Phone No.: _____ Fax No.: _____

Date of Qualification to do business is _____

A Joint Venture

Joint Venturer Name: _____ (SEAL)

By: _____

(Signature of joint venturer partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business Address: _____

Phone No.: _____ Fax No.: _____

Joint Venturer Name: _____ (SEAL)

By: _____

(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business Address: _____

Phone No.: _____ Fax No.: _____

Phone and FAX Number, and Address for receipt of official communications:

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above).

LIST OF SUBCONTRACTORS

(to be submitted with bid)

The name and address of each subcontractor who will be paid at least 5 percent of the prime contractor's total bid shall be listed below. To be deemed a responsive bid, this form must be submitted even if no subcontractors are required to be listed. In that case, the bidder should state "None" (or similar language stating that no subcontractors need to be listed) in the space below.

Name

Address of Subcontractor

Portion of Work

BID SCHEDULE 1625

BASE BID- SOUTHGATE RECONSTRUCT

ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE	EXT. TOTAL
1	Mobilization	1 LS		
2	Traffic Control	1 LS		
3	Grind and remove existing asphalt and subgrade material to a depth of 16" and haul away spoils.	28,843 sf		
4	Furnish, deliver, and install stabilizing fabric Mirafi 180N or equal geotextile fabric and 12" of compacted type 2 base and fine grade	28,843 sf		
5	Furnish, deliver, and install 4" PG64-28NV asphalt in 2 lifts and roll compact smooth	28,843 sf		
6	Reset Manholes to grade	5 EA		
7	Reset Water Valve lids and survey monument lids to grade	6 EA		
GRAND TOTAL				

TOTAL OF BASE BID "A" (numbers) \$_____

(words)_____

CHECK ONE:

☐ We qualify and claim the Preferential Bidder Status as specified in NRS 338.1389 or 147, **and have attached the appropriate certificate** in accordance with the requirements of NRS 338.1389 or 147.

☐ We do not qualify for the Preferential Bidder Status as specified in NRS 338.1389 or 147.

Contractor: _____

Authorized Signature: _____

Date : _____

LIST OF SUBCONTRACTORS
(to be submitted after bid opening)

Within two hours after the completion of the opening of the bids, the general contractors who submitted the three lowest bids must provide a list of each subcontractor who will provide labor or a portion of the work or improvement to the contractor for which the subcontractor will be paid an amount exceeding one percent of the prime contractor's bid or \$50,000, whichever is greater, and the number of the license issued to the subcontractor, pursuant to NRS chapter 624. **If a general contractor fails to submit such a list on this form or a written reply on this form stating "None" (or similar language stating that no subcontractors need to be listed) within the required time, the bid shall be deemed not responsive.**

<u>Subcontractor/Address/NV Lic. No.</u>	<u>Dollar Value and description of work</u>

EXPERIENCE

Please provide us with references for similar recent experience. State project, completion date, type construction, square feet, contact person and phone number.

[illegible]

EXPERIENCE

Cont'd

List the licensed categories of work that your company normally performs with its own workforce. _____

Has your company ever failed to complete any contracts awarded to it?

No___ Yes___ (If yes, please provide details.)

Has your company filed any arbitration request or law suits on construction contracts awarded within the last five years?

No___ Yes___ (If yes, please provide details.)

Does your firm now have any legal suits or arbitration claims pending or outstanding against it or any officers?

No___ Yes___ (If yes, please provide details.)

Does your firm now employ any officers or principals who were with another firm when that company failed to complete a construction contract within the last five years?

No___ Yes___ (If yes, please provide details.)

Has your firm had a contract partially or completely terminated for default (cause) within the past five years?

No___ Yes___ (If yes, please provide details.)

Has your firm been found non-responsive or non-responsible on a government bid within the last five years?

No___ Yes___ (If yes, please provide details.)

EXCEPTIONS

List all exceptions to the bid documents by reference to the drawing sheet number and/or page number of the bid documents. Exceptions may result in bid rejection.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

BID BOND

BIDDER (Name and Address):

SURETY (Name and Address of Principal Place of Business):

TOWN OF GARDNERVILLE:

1407 Highway 395 North
Gardnerville, Nevada 89410

BID

BID DUE DATE: May 30, 2018 ---- 3:00 PM

PROJECT (Brief Description Including Location): **SOUTHGATE RECONSTRUCT,**
GARDNERVILLE, NEVADA

BOND

BOND NUMBER: _____

DATE: (Not later than Bid Due Date): _____

PENAL SUM: _____ (Words) _____ (Figures)

IN WITNESS WHEREOF, Surety and Bidder, Intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause the Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

SURETY

_____(Seal)
 Bidder's Name and Corporate Seal

_____(Seal)
 Surety's Name and Corporate Seal

By: _____
 Signature and Title

By: _____
 Signature and Title
 (Attach Power of Attorney)

Attest: _____
 Signature and Title

Attest: _____
 Signature and Title

Note: (1) Above addresses are to be used for giving required notice.
 (2) Any singular reference to Bidder, Surety, Town of Gardnerville or other party shall be considered plural where applicable.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to TOWN OF GARDNERVILLE upon default of Bidder the penal sum set forth on the face of this Bond.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by TOWN OF GARDNERVILLE) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents.
3. This obligation shall be null and void if:
 - 3.1. TOWN OF GARDNERVILLE accepts Bidder's bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by TOWN OF GARDNERVILLE) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents and Contract Documents, or
 - 3.2 All bids are rejected by TOWN OF GARDNERVILLE, or
 - 3.3 TOWN OF GARDNERVILLE fails to issue a notice of award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
4. Payment under this bond will be due and payable upon default by Bidder and Within 30 calendar days after receipt by Bidder and Surety of written notice of default from TOWN OF GARDNERVILLE, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue notice of award agreed to in writing by TOWN OF GARDNERVILLE and Bidder, provided that the time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid Due Date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in paragraph 4 above is received by Bidder and Surety, and in no case later than one year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notice required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of the Bond conflicts with any applicable provision of any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer or proposal as applicable.

CONSTRUCTION PERFORMANCE BOND

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

CONTRACTOR (Name and Address):

**SURETY (Name and Address of Principal
Place of Business):**

TOWN OF GARDNERVILLE(Address):

1407 Highway 395 N
Gardnerville, NV 89410

CONSTRUCTION CONTRACT

Date:

Amount:

Description (Name and Location):

BOND

Date (Not earlier than Construction
Contract Date):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the following two pages, do each cause this Performance Bond to be duly executed on its behalf by its authorized officer, agent or representative.

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:
(Attach Power of Attorney)

Space provided below for signatures of additional parties, if required)

CONTRACTOR AS PRINCIPAL

Company: _____ Corp. Seal)

Signature: _____

Name and Title: _____

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title: _____
(Attach Power of Attorney)

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the TOWN OF GARDNERVILLE for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the CONTRACTOR performs the Construction Contract, the Surety and the CONTRACTOR shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.
3. If there is no TOWN OF GARDNERVILLE Default, the Surety's obligation under this Bond shall arise after:
 - 3.1 The TOWN OF GARDNERVILLE has notified the CONTRACTOR and the Surety at its address described in Paragraph 10 below, that the TOWN OF GARDNERVILLE is considering declaring a CONTRACTOR Default and has requested and attempted to arrange a conference with the CONTRACTOR and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract. If the TOWN OF GARDNERVILLE, the CONTRACTOR and the Surety agree, the CONTRACTOR shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the TOWN OF GARDNERVILLE's right, if any, subsequently to declare a CONTRACTOR Default; and
 - 3.2 The TOWN OF GARDNERVILLE has declared a CONTRACTOR Default and formally terminated the CONTRACTOR's right to complete the contract. Such CONTRACTOR Default shall not be declared earlier than twenty days after the CONTRACTOR and the Surety have received notice as provided in Subparagraph 3.1; and
 - 3.3 The TOWN OF GARDNERVILLE has agreed to pay the Balance of the Contract Price to:
 - 3.3.1 The Surety in accordance with the terms of the Contract;
 - 3.3.2 Another contractor selected pursuant to paragraph 4.3 to perform the Contract.
4. When the TOWN OF GARDNERVILLE has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 4.1 Arrange for the CONTRACTOR, with consent of the TOWN OF GARDNERVILLE, to perform and complete the Construction Contract; or
 - 4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or
 - 4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the TOWN OF GARDNERVILLE for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the TOWN OF GARDNERVILLE and the CONTRACTOR selected with the TOWN OF GARDNERVILLE's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the TOWN OF GARDNERVILLE the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the TOWN OF GARDNERVILLE resulting from the CONTRACTOR's default; or
 - 4.4 Waive its right to perform and complete, arrange for completion, or obtain a new CONTRACTOR and with reasonable promptness under the circumstances:
 - 4.4.1. After investigation, determine the amount for which it may be liable to the TOWN OF GARDNERVILLE and, as soon as practicable after the amount is determined, tender payment therefor to the TOWN OF GARDNERVILLE; or
 - 4.4.2. Deny liability in whole or in part and notify the TOWN OF GARDNERVILLE citing reasons therefor.
5. If the Surety does not proceed as provided in paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the TOWN OF GARDNERVILLE to the Surety demanding that the Surety perform its obligations under this Bond, and the TOWN OF GARDNERVILLE shall be entitled to enforce any remedy available to the TOWN OF GARDNERVILLE, If the Surety proceeds as provided in paragraph 4.4, and the TOWN OF GARDNERVILLE refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the TOWN OF GARDNERVILLE shall be entitled to enforce any remedy available to the TOWN OF GARDNERVILLE.
6. After the TOWN OF GARDNERVILLE has terminated the CONTRACTOR's right to complete the Construction Contract, and if the Surety elects to act under paragraph 4.1, 4.2, or 4.3, above, then the responsibilities of the Surety to the TOWN OF GARDNERVILLE shall not be greater than those of the

CONTRACTOR under the Construction Contract, and the responsibilities of the TOWN OF GARDNERVILLE to the Surety shall not be greater than those of the TOWN OF GARDNERVILLE under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the TOWN OF GARDNERVILLE of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:

- 6.1 The responsibilities of the CONTRACTOR for correction of defective work and completion of the Construction Contract;
- 6.2 Additional legal, design professional and delay costs resulting from the CONTRACTOR's Default, and resulting from the actions or failure to act of the Surety under paragraph 4; and
- 6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the CONTRACTOR.

7. The Surety shall not be liable to the TOWN OF GARDNERVILLE or others for obligations of the CONTRACTOR that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the TOWN OF GARDNERVILLE or its heirs, executors, administrators, or successors.

8. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after CONTRACTOR Default or within two years after the CONTRACTOR ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by Law, the Minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

10. Notice to the Surety, the TOWN OF GARDNERVILLE or the CONTRACTOR shall be mailed or delivered to the address shown on the signature page.

11. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and

provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. Definitions.

12.1 Balance of the Contract Price: The total amount payable by the TOWN OF GARDNERVILLE to the CONTRACTOR under the Construction Contract after all proper adjustments have been made, including allowance to the CONTRACTOR of any amounts received or to be received by the TOWN OF GARDNERVILLE in settlement of insurance or other claims for damages to which the CONTRACTOR is entitled, reduced by all valid and proper payments made to or on behalf of the CONTRACTOR under the Construction Contract.

12.2. Construction Contract: The agreement between the TOWN OF GARDNERVILLE and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

12.3. CONTRACTOR Default: Failure of the CONTRACTOR, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.

12.4. TOWN OF GARDNERVILLE Default: Failure of the TOWN OF GARDNERVILLE, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

CONSTRUCTION PAYMENT BOND

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

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place of Business):

TOWN OF GARDNERVILLE

1407 Highway 395 N
Gardnerville, NV 89410

CONSTRUCTION CONTRACT

Date: _____

Amount: _____

Description **SOUTHGATE RECONSTRUCT**

BOND

Date (Not earlier than Construction

Contract Date:

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the following two pages, do each cause this Performance Bond to be duly executed on its behalf by its authorized officer, agent or representative.

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:
(Attach Power of Attorney)

Space provided below for signatures of additional parties, if required)

CONTRACTOR AS PRINCIPAL

Company: _____ Corp. Seal)

Signature: _____

Name _____ and _____

Title: _____

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name _____ and _____

Title: _____

(Attach Power of Attorney)

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the TOWN OF GARDNERVILLE to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference.

2. With respect to the TOWN OF GARDNERVILLE, this obligation shall be null and void if the CONTRACTOR:

2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and

2.2 Defends, indemnifies and holds harmless the TOWN OF GARDNERVILLE from all claims, demands, liens or suits by any person or entity who furnished labor, materials or equipment for use in the performance of the Construction Contract, provided the TOWN OF GARDNERVILLE has promptly notified the CONTRACTOR and the Surety (at the address described in Paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the CONTRACTOR and the Surety, and provided there is no TOWN OF GARDNERVILLE Default.

3. With respect to Claimants, this obligation shall be null and void if the CONTRACTOR promptly makes payment, directly or indirectly, for all sums due.

4. The Surety shall have no obligation to Claimants under this Bond until:

4.1 Claimants who are employed by or have a direct contract with the CONTRACTOR have given notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the TOWN OF GARDNERVILLE, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

4.2 Claimants who do not have a direct contract with the CONTRACTOR:

4.2.1. Have furnished written notice to the CONTRACTOR and sent a copy, or notice thereof, to the TOWN OF GARDNERVILLE, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and

4.2.2. Have either received a rejection in whole or in part from the CONTRACTOR,

or not received within 30 days of furnishing the above notice any communication from the CONTRACTOR by which the CONTRACTOR has indicated the claim will be paid directly or indirectly; and

4.2.3. Not having been paid within the above 30 days, have sent a written notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the TOWN OF GARDNERVILLE, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the CONTRACTOR.

5. If a notice required by Paragraph 4 is given by the TOWN OF GARDNERVILLE to the CONTRACTOR or to the Surety, that is sufficient compliance.

6. When the Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:

6.1 Send an answer to the Claimant, with a copy to the TOWN OF GARDNERVILLE, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.

6.2 Pay or arrange for payment of any undisputed amounts.

7. The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

8. Amounts owed by the TOWN OF GARDNERVILLE to the CONTRACTOR under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any Construction Performance Bond. By the CONTRACTOR furnishing and the TOWN OF GARDNERVILLE accepting this Bond, they agree that all funds earned by the CONTRACTOR in the performance of the Construction Contract are dedicated to satisfy obligations of the CONTRACTOR and the Surety under this Bond, subject to the TOWN OF GARDNERVILLE's priority to use the funds for the completion of the work.

9. The Surety shall not be liable to the TOWN OF GARDNERVILLE, Claimants or others for obligations of the CONTRACTOR that are unrelated to the Construction Contract. The TOWN OF GARDNERVILLE shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.

10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the work or part of the work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by paragraph 4.1 or paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

12. Notice to the Surety, the TOWN OF GARDNERVILLE or the CONTRACTOR shall be mailed or delivered to the address shown on the signature page. Actual receipt of notice by Surety, the TOWN OF GARDNERVILLE or the CONTRACTOR, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.

13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or the legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

14. Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the CONTRACTOR shall promptly furnish a copy of this Bond or shall permit a copy to be made.

15. DEFINITIONS

15.1 Claimant: An individual or entity having a direct contract with the CONTRACTOR or with a subcontractor of the CONTRACTOR to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the CONTRACTOR and the CONTRACTOR's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

15.2 Contract: The agreement between the TOWN OF GARDNERVILLE and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

15.3 TOWN OF GARDNERVILLE Default: Failure of the TOWN OF GARDNERVILLE, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

GENERAL CONDITIONS

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GENERAL CONDITIONS

ARTICLE 1 - DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

A. Wherever used in the Contract Documents and printed with initial or all capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. **Refer to Supplementary Condition SC-1.01**

1. *Addenda*--Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the Contract Documents.

2. *Agreement*--The written instrument which is evidence of the agreement between OWNER and CONTRACTOR covering the Work.

3. *Application for Payment*--The form acceptable to ENGINEER which is to be used by CONTRACTOR during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.

4. *Asbestos*--Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.

5. *Bid*--The offer or proposal of a bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

6. *Bidding Documents*--The Bidding Requirements and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

7. *Bidding Requirements*--The Advertisement or Invitation to Bid, Instructions to Bidders, Bid security form, if any, and the Bid form with any supplements.

8. *Bonds*--Performance and payment bonds and other instruments of security.

9. *Change Order*--A document recommended by ENGINEER which is signed by CONTRACTOR and OWNER and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.

10. *Claim*--A demand or assertion by OWNER or CONTRACTOR seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.

11. *Contract*--The entire and integrated written agreement between the OWNER and CONTRACTOR concerning the Work. The contract supersedes prior negotiations, representations, or agreements, whether written or oral.

12. *Contract Documents*--The Contract Documents establish the rights and obligations of the parties and include the Agreement, Addenda (which pertain to the Contract Documents), CONTRACTOR's Bid (including documentation accompanying the Bid and any post Bid documentation submitted prior to the Notice of Award) when attached as an exhibit to the Agreement, the Notice to Proceed, the Bonds, these General Conditions, the Supplementary Conditions, the Specifications and the Drawings as the same are more specifically identified in the Agreement, together with all Written Amendments, Change Orders, Work Change Directives, Field Orders, and ENGINEER's written interpretations and clarifications issued on or after the Effective Date Of the Agreement. Approved Shop Drawings and the reports and drawings of subsurface and physical conditions are not Contract Documents. Only printed or hard copies of the items listed in this paragraph are Contract Documents. Files in electronic media format of text, data, graphics, and the like that may be furnished by OWNER to CONTRACTOR are not Contract Documents.

13. *Contract Price*--The moneys payable by OWNER to CONTRACTOR for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of paragraph 11.03 in the case of Unit Price Work).

14. *Contract Times*--The number of days or the dates stated in the Agreement to: (i) achieve Substantial Completion; and (ii) complete the Work so that it is ready for final payment as evidenced by ENGINEER's written recommendation of final payment.

15. *CONTRACTOR*--The individual or entity with whom OWNER has entered into the Agreement.

16. *Cost of the Work*--See paragraph 11.01.A for definition.

17. *Drawings*--That part of the Contract Documents prepared or approved by ENGINEER which graphically shows the scope, extent, and character of the Work to be performed by CONTRACTOR. Shop Drawings and other CONTRACTOR submittals are not Drawings as so defined.

18. *Effective Date of the Agreement*--The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.

19. *ENGINEER*--The individual or entity named as such in the Agreement.

20. *ENGINEER's Consultant*--An individual or entity having a contract with ENGINEER to furnish services as ENGINEER's independent professional associate or consultant with respect to the Project and who is identified as such in the Supplementary Conditions. **Refer to Supplementary Condition SC-1.01.A.20**

21. *Field Order*--A written order issued by ENGINEER which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.

22. *General Requirements*--Sections of Division 1 of the Specifications. The General Requirements pertain to all sections of the Specifications.

23. *Hazardous Environmental Condition*--The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto in connection with the Work.

24. *Hazardous Waste*--The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.

25. *Laws and Regulations; Laws or Regulations*--Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

26. *Liens*--Charges, security interests, or encumbrances upon Project funds, real property, or personal property.

27. *Milestone*--A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.

28. *Notice of Award*--The written notice by OWNER to the apparent successful bidder stating that upon timely compliance by the apparent successful bidder with the conditions precedent listed therein, OWNER will sign and deliver the Agreement.

29. *Notice to Proceed*--A written notice given by OWNER to CONTRACTOR fixing the date on which the Contract Times will commence to run and on which CONTRACTOR shall start to perform the Work under the Contract Documents.

30. *OWNER*--The individual, entity, public body, or authority with whom CONTRACTOR has entered into the Agreement and for whom the Work is to be performed.

31. *Partial Utilization*--Use by OWNER of a substantially completed part of the Work for the purpose for which it is intended (or a related purpose) prior to Substantial Completion of all the Work.

32. *PCB's*--Polychlorinated biphenyls.

33. *Petroleum*--Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.

34. *Project*--The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part as may be indicated elsewhere in the contract Documents.

35. *Project Manual*--The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.

36. *Radioactive Material*--Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.

37. *Resident Project Representative*--The authorized representative of ENGINEER who may be assigned to the Site or any part thereof.

38. *Samples*--Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.

39. *Shop Drawings*--All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for CONTRACTOR and submitted by CONTRACTOR to illustrate some portion of the Work.

40. *Site*--Lands or areas indicated in the Contract Documents as being furnished by OWNER upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by OWNER which are designated for the use of CONTRACTOR.

41. *Specifications*--That part of the Contract Documents consisting of written technical descriptions of materials, equipment, systems, standards, and workmanship as applied to the Work and certain administrative details applicable thereto.

42. *Subcontractor*--An individual or entity having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the Site.

43. *Substantial Completion*--The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of ENGINEER, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.

44. *Supplementary Conditions*--That part of the Contract Documents which amends or supplements these General Conditions.

45. *Supplier*--A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with CONTRACTOR or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by CONTRACTOR or any Subcontractor.

46. *Underground Facilities*--All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or

attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.

47. *Unit Price Work*--Work to be paid for on the basis of unit prices.

48. *Work*--The entire completed construction or the various separately identifiable parts thereof required to be provided in the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.

49. *Work Change Directive*--A written statement to CONTRACTOR issued on or after the Effective Date of the Agreement and signed by OWNER and recommended by ENGINEER ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive will not change the contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

50. *Written Amendment*--A written statement modifying the Contract Documents, signed by OWNER and CONTRACTOR on or after the Effective Date of the Agreement and normally dealing with the nonengineering or nontechnical rather than strictly construction-related aspects of the Contract Documents.

1.02 Terminology

A. Intent of Certain Terms or Adjectives

1. Whenever in the Contract Documents the terms "as allows," "as approved," or terms of like effect or import are used, or the adjectives "reasonable," "suitable," "acceptable," "proper," "satisfactory," or adjectives of like effect or import are used to describe an action or determination of ENGINEER as to the Work, it is intended that such action or determination will be solely to evaluate, in general, the completed Work for compliance with the requirements of and information in the Contract Documents and conformance with the

design concept of the completed Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective shall not be effective to assign to ENGINEER any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of paragraph 9.10 or any other provision of the Contract Documents.

B. Day

1. The work "day" shall constitute a calendar day of 24 hours measured from midnight to the next midnight.

C. Defective

1. The word "defective," when modifying the work "Work," refers to Work that is unsatisfactory, faulty, or deficient in that it does not conform to the Contract Documents or does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Contract Documents, or has been damaged prior to ENGINEER's recommendation of final payment (unless responsibility for the protection thereof has been assumed by OWNER at Substantial Completion in accordance with paragraph 14.04 or 14.05).

D. Furnish, Install, Perform, Provide

1. The work "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.

2. The work "install," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.

3. The words "perform" or "Provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.

4. When "furnish," "install," "perform," or "provide" is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of CONTRACTOR, "provide" is implied.

E. Unless stated otherwise in the Contract Documents, words or phrases which have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 - PRELIMINARY MATTERS

2.01 Delivery of Bonds

A. When CONTRACTOR delivers the executed Agreements to OWNER, CONTRACTOR shall also deliver to OWNER such Bonds as CONTRACTOR may be required to furnish.

2.02 Copies of Documents

A. ~~OWNER shall furnish to CONTRACTOR up to ten copies of the Contract Documents.~~ Additional copies will be furnished upon request at the cost of reproduction. **Refer to Supplementary Condition SC-2.02**

2.03 Commencement of Contract Times; Notice to Proceed

A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.04 Starting the Work

A. CONTRACTOR shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.05 Before Starting Construction

A. CONTRACTOR's *Review of Contract Documents*: Before undertaking each part of the Work, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. CONTRACTOR shall promptly report in writing to ENGINEER any conflict, error, ambiguity, or discrepancy which CONTRACTOR may discover and shall obtain a written interpretation or clarification from ENGINEER before proceeding with any Work affected thereby; however, CONTRACTOR shall not be liable to OWNER or ENGINEER for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless CONTRACTOR knew or reasonably should have known thereof.

B. *Preliminary Schedules:* Within ten days after the effective Date of the Agreement (unless otherwise specified in the General Requirements), CONTRACTOR shall submit to ENGINEER for its timely review:

1. A preliminary progress schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents;

2. A preliminary schedule of Shop Drawing and Sample submittals which will list each required submittal and the times for submitting, reviewing, and processing such submittal; and

3. A preliminary schedule of values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

~~C. *Evidence of Insurance:* Before any Work at the Site is started, CONTRACTOR and OWNER shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which CONTRACTOR and OWNER respectively are required to purchase and maintain in accordance with Article 5. Refer to Supplementary Condition SC-2.05~~

2.06 Preconstruction Conference

A. Within 20 days after the Contract times start to run, but before any Work at the Site is started, a conference attended by CONTRACTOR, ENGINEER, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in paragraph 2.05.B, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.

2.07 Initial Acceptance of Schedules

A. Unless otherwise provided in the Contract Documents, at least ten days before submission of the first Application for Payment a conference attended by CONTRACTOR, ENGINEER, and others as appropriate will be held to review for acceptability to ENGINEER as provided below the schedules submitted in accordance with paragraph 2.05.B. CONTRACTOR shall have an additional ten days to make corrections and adjustments and

to complete and resubmit the schedules. No progress payment shall be made to CONTRACTOR until acceptable schedules are submitted to ENGINEER.

1. The progress schedule will be acceptable to ENGINEER if it provides an orderly progression of the Work to completion within any specified Milestones and the Contract Times. Such acceptance will not impose on ENGINEER responsibility for the progress schedule, for sequencing, scheduling, or progress of the Work nor interfere with or relieve CONTRACTOR from CONTRACTOR's full responsibility therefor.

2. CONTRACTOR's schedule of Shop Drawing and Sample submittals will be acceptable to ENGINEER if it provides a workable arrangement for reviewing and processing the required submittals.

3. CONTRACTOR's schedule of values will be acceptable to ENGINEER as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 - CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 Intent

A. The Contract Documents are complementary; what is called for by one is as binding as if called for by all.

B. It is the intent of the Contract documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result will be provided whether or not specifically called for at no additional cost to OWNER.

C. Clarifications and interpretations of the Contract Documents shall be issued by ENGINEER as provided in Article 9.

3.02 Reference Standards

A. *Standards, Specifications, Codes, Laws, and Regulations*

1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the

standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

2. No provision of any such standard, specification, manual or code, or any instruction of a Supplier shall be effective to change the duties or responsibilities of OWNER, CONTRACTOR, or ENGINEER, or any of their subcontractors, consultants, agents, or employees from those set forth in the Contract Documents, nor shall any such provision or instruction be effective to assign to OWNER, ENGINEER, or any of ENGINEER's Consultants, agents, or employees any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Document.

3.03 Reporting and Resolving Discrepancies

A. Reporting Discrepancies

1. If, during the performance of the Work, CONTRACTOR discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents or between the Contract Documents and any provision of any Law or Regulation applicable to the performance of the Work or of any standard, specification, manual or code, or of any instruction of any Supplier, CONTRACTOR shall report it to ENGINEER in writing at once. CONTRACTOR shall not proceed with the Work affected thereby (except in an emergency as required by paragraph 6.16A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in paragraph 3.04; provided, however, that CONTRACTOR shall not be liable to OWNER or ENGINEER for failure to report any such conflict, error, ambiguity, or discrepancy unless CONTRACTOR knew or reasonably should have known thereof. **Refer to Supplementary Condition SC-3.03**

B. Resolving Discrepancies

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:

a. The provisions of any standard, specification, manual, code, or instruction (whether or not specifically incorporated by reference in the Contract Documents); or

b. The provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 Amending and Supplementing Contract Documents

A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof in one or more of the following ways: (i) a Written Amendment; (ii) a Change Order; or (iii) a Work Change Directive.

B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one of more of the following ways: (i) a Field Order; (ii) ENGINEER's approval of a Shop Drawing or Sample; or (iii) ENGINEER's written interpretation or clarification.

3.05 Reuse of Documents

A. CONTRACTOR and any Subcontractor or Supplier or other individual or entity performing or furnishing any of the Work under a direct or indirect contract with OWNER: (i) shall not have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of ENGINEER or ENGINEER's Consultant, including electronic media editions; and (ii) shall not reuse any of such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of OWNER and ENGINEER and specific written verification or adaption by ENGINEER. This prohibition will survive final payment, completion, and acceptance of the Work, or termination or completion of the Contract. Nothing herein shall preclude CONTRACTOR from retaining copies of the Contract Documents for record purposes.

ARTICLE 4 - AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; REFERENCE POINTS

4.01 Availability of Lands

A. OWNER shall furnish the Site. OWNER shall notify CONTRACTOR of any encumbrances or restrictions not of general application but specifically related to use of the Site with which CONTRACTOR must comply in performing the Work. OWNER will obtain in a timely manner and pay for easements for permanent structures or permanent changes in

existing facilities. If CONTRACTOR and OWNER are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in OWNER's furnishing the Site, CONTRACTOR may make a Claim therefor as provided in paragraph 10.05.

B. Upon reasonable written request, OWNER shall furnish CONTRACTOR with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and OWNER's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.

C. CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment. **Refer to Supplementary Condition SC-4.01**

4.02 Subsurface and Physical Conditions

A. *Reports and Drawings:* The Supplementary Conditions identify:

1. Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that ENGINEER has used in preparing the Contract Documents; and
2. Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) that ENGINEER has used in preparing the Contract Documents.

B. *Limited Reliance by CONTRACTOR on Technical Data Authorized:* CONTRACTOR may rely upon the general accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," CONTRACTOR may not rely upon or make any Claim against OWNER, ENGINEER, or any of ENGINEER's Consultants with respect to:

1. The completeness of such reports and drawings for CONTRACTOR's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by CONTRACTOR, and safety precautions and programs incident thereto; or

2. Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or

3. Any CONTRACTOR interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions, or information. **Refer to Supplementary Condition SC-4.02**

4.03 Differing Subsurface or Physical Conditions

A. *Notice:* If CONTRACTOR believes that any subsurface or physical conditions at or contiguous to the Site that is uncovered or revealed either:

1. Is of such a nature as to establish that any "technical data" on which CONTRACTOR is entitled to rely as provided in paragraph 4.02 is materially inaccurate; or
2. Is of such a nature as to require a change in the Contract Documents; or
3. Differs materially from that shown or indicated in the Contract Documents; or
4. Is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then CONTRACTOR shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by paragraph 6.16.A), notify OWNER and ENGINEER in writing about such condition. CONTRACTOR shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

B. *ENGINEER's Review:* After receipt of written notice as required by paragraph 4.03.A, ENGINEER will promptly review the pertinent condition, determine the necessity of OWNER's obtaining additional exploration or tests with respect thereto, and advise OWNER in writing (with a copy to CONTRACTOR) of ENGINEER'S findings and conclusions.

C. Possible Price and Times Adjustments

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in

CONTRACTOR's cost of, or time required for, performance of the Work; subject, however, to the following:

- a. Such condition must meet any one or more of the categories described in paragraph 4.03.A; and
- b. With respect to Work that is paid for on a Unit Price Basis, any adjustment in Contract Price will be subject to the provisions of paragraphs 9.08 and 11.03.

2. CONTRACTOR shall not be entitled to any adjustment in the Contract Price or Contract Times if:

- a. CONTRACTOR knew of the existence of such conditions at the time CONTRACTOR made a final commitment to OWNER in respect of Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or

- b. The existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and Contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for CONTRACTOR prior to CONTRACTOR's making such final commitment; or

- c. CONTRACTOR failed to give the written notice within the time and as required by paragraph 4.03.A.

3. If OWNER and CONTRACTOR are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in paragraph 10.05. However, OWNER, ENGINEER, and ENGINEER's Consultants shall not be liable to CONTRACTOR for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by CONTRACTOR on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

A. Shown or Indicated: The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to OWNER or ENGINEER by the owners of such Underground Facilities, including OWNER, or by others. Unless it is

otherwise expressly provided in the Supplementary Conditions:

1. OWNER and ENGINEER shall not be responsible for the accuracy or completeness of any such information or data; and

2. the cost of all of the following will be included in the Contract Price, and CONTRACTOR shall have full responsibility for:

- a. Reviewing and checking all such information and data,

- b. Locating all Underground Facilities shown or indicated in the Contract Documents.

- c. Coordination of the Work with the owners of such Underground Facilities, including OWNER, during construction, and

- d. The safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.

B. Not Shown or Indicated

1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, CONTRACTOR shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by paragraph 6.16.A). identify the owner of such Underground Facility and give written notice to that owner and to OWNER and ENGINEER. ENGINEER will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, CONTRACTOR shall be responsible for the safety and protection of such Underground Facility.

2. If ENGINEER concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that CONTRACTOR did not know of and could not reasonably have been expected to be aware of or to have anticipated. If

OWNER and CONTRACTOR are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, OWNER or CONTRACTOR may make a Claim therefor as provided in paragraph 10.05. *Refer to Supplementary Condition SC-4.04*

4.05 Reference Points

A. OWNER shall provide engineering surveys to establish reference points for construction which in ENGINEER's judgment are necessary to enable CONTRACTOR to proceed with the Work. CONTRACTOR shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of OWNER. CONTRACTOR shall report to ENGINEER whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 Hazardous Environmental Condition at Site

A. *Reports and Drawings:* Reference is made to the Supplementary Conditions for the identification of those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that have been utilized by the ENGINEER in the preparation of the Contract Documents.

B. *Limited Reliance by CONTRACTOR on Technical Data Authorized:* CONTRACTOR may rely upon the general accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," CONTRACTOR may not rely upon or make any Claim against OWNER, ENGINEER or any of ENGINEER's Consultants with respect to:

1. The completeness of such reports and drawings for CONTRACTOR's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR and safety precautions and programs incident thereto; or

2. Other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or

3. Any CONTRACTOR interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions or information.

C. CONTRACTOR shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. CONTRACTOR shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by CONTRACTOR, Subcontractors, Suppliers, or anyone else for whom CONTRACTOR is responsible.

D. If CONTRACTOR encounters a Hazardous Environmental Condition or if CONTRACTOR or anyone for whom CONTRACTOR is responsible creates a Hazardous Environmental Condition, CONTRACTOR shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by paragraph 6.16); and (iii) notify OWNER and ENGINEER (and promptly thereafter confirm such notice in writing). OWNER shall promptly consult with ENGINEER concerning the necessity for OWNER to retain a qualified expert to evaluate such condition or take corrective action, if any.

E. CONTRACTOR shall not be required to resume Work in connection with such condition or in any affected area until after OWNER has obtained any required permits related thereto and delivered to CONTRACTOR written notice: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If OWNER and CONTRACTOR cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by CONTRACTOR, either party may make a Claim therefor as provided in paragraph 10.05.

F. If after receipt of such written a notice CONTRACTOR does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then OWNER may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If OWNER and CONTRACTOR cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in paragraph 10.05. OWNER may have such deleted portion of the Work

performed by OWNER'S own forces or others in accordance with Article 7.

G. To the fullest extent permitted by Laws and Regulations, OWNER shall indemnify and hold harmless CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants and the officers, directors, partners, employees, agents, other consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by CONTRACTOR or by anyone for whom CONTRACTOR is responsible. Nothing in this paragraph 4.06.E shall obligate OWNER to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

H. To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless OWNER, ENGINEER, ENGINEER's Consultants, and the officers, directors, partners, employees, agents, other consultants, and subcontractors of each and any of them from and against all claims, costs, losses, damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by CONTRACTOR or by anyone for whom CONTRACTOR is responsible. Nothing in this paragraph 4.06.F shall obligate CONTRACTOR to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

I. The provisions of paragraphs 4.02, 4.03, and 4.04 are not intended to apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 - BONDS AND INSURANCE

5.01 Performance, Payment, and Other Bonds

A. CONTRACTOR shall furnish performance and payment Bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all CONTRACTOR's obligations under the

Contract Documents. These Bonds shall remain in effect at least until one year after the date when final payment becomes due, except as provided otherwise by Laws or Regulations or by the Contract Documents. CONTRACTOR shall also furnish such other Bonds as are required by the Contract Documents.

B. All Bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All Bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act.

C. If the surety on any Bond furnished by CONTRACTOR is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of paragraph 5.01.B, CONTRACTOR shall within 20 days thereafter substitute another Bond and surety, both of which shall comply with the requirements of paragraphs 5.01.B and 5.02.

5.02 Licenses Sureties and Insurers

A. All Bonds and insurance required by the Contract Documents to be purchased and maintained by OWNER or CONTRACTOR shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue Bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions. **Refer to Supplementary Condition SC-5.02**

5.03 Certificates of Insurance

A. CONTRACTOR shall deliver to OWNER, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by OWNER or any other additional insured) which CONTRACTOR is required to purchase and maintain. OWNER shall deliver to CONTRACTOR, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by CONTRACTOR or any other additional insured) which OWNER is required to purchase and maintain.

5.04 CONTRACTOR's Liability Insurance

A. CONTRACTOR shall purchase and maintain such liability and other insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from CONTRACTOR's performance of the Work and CONTRACTOR's other obligations under the Contract Documents, whether it is to be performed by CONTRACTOR, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:

1. Claims under worker's compensation, disability benefits, and other similar employee benefit acts;

2. Claims for damages because of bodily injury, occupational sickness or disease, or death of CONTRACTOR's employees;

3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than CONTRACTOR's employees;

4. Claims for damages insured by reasonably available personal injury liability coverage which are sustained: (i) by any person as a result of an offense directly or indirectly related to the employment of such person by CONTRACTOR, or (ii) by any other person for any other reason;

5. Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and

6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.

B. The policies of insurance so required by this paragraph 5.04 to be purchased and maintained shall:

1. With respect to insurance required by paragraphs 5.04.A.3 through 5.04.A.6 inclusive, include as additional insureds (subject to any customary exclusion in respect of professional liability) OWNER, ENGINEER, ENGINEER's Consultants, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of all such additional insureds, and the insurance afforded

to these additional insureds shall provide primary coverage for all claims covered thereby;

~~2. Include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;~~ **Refer to Supplementary Condition SC-5.04.B.2**

3. Include completed operations insurance;

4. Include contractual liability insurance covering CONTRACTOR's indemnity obligations under paragraphs 6.07, 6.11, and 6.20;

5. Contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least thirty days prior written notice has been given to OWNER and CONTRACTOR and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the CONTRACTOR pursuant to paragraph 5.03 will so provide);

6. Remain in effect at least until final payment and at all times thereafter when CONTRACTOR may be correcting, removing or replacing defective Work in accordance with paragraph 13.07; and

7. With respect to completed operations insurance, and any insurance coverage written on a claims-made basis, remain in effect for at least two years after final payment (and CONTRACTOR shall furnish OWNER and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to OWNER and any such additional insured of continuation of such insurance at final payment and one year thereafter). **Refer to Supplementary Condition SC-5.04.C**

5.05 OWNER's Liability Insurance

A. In addition to the insurance required to be provided by CONTRACTOR under paragraph 5.04, OWNER, at OWNER's option, may purchase and maintain at OWNER's expense OWNER'S own liability insurance as will protect OWNER against claims which may arise from operations under the Contract Documents.

5.06 Property Insurance

A. Refer to Supplementary Condition SC-5.06.A

~~Unless otherwise provided in the Supplementary Conditions, OWNER shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:~~

- ~~1. Include the interests of OWNER, CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as an additional insured;~~
- ~~2. Be written on a Builder's Risk "all risk" or open peril or special causes of loss policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, false work, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage, and such other perils or causes of loss as may be specifically required by the Supplementary Conditions;~~
- ~~3. Include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);~~
- ~~4. Cover materials and equipment stored at the Site or at another location that was agreed to in writing by OWNER prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by ENGINEER;~~
- ~~5. Allow for partial utilization of the Work by OWNER;~~
- ~~6. Include testing and startup; and~~
- ~~7. Be maintained in effect until final payment is made unless otherwise agreed to in writing by OWNER, CONTRACTOR, and ENGINEER with 30 days written notice to each other additional insured to whom a certificate of insurance has been issued.~~

~~B. OWNER shall purchase and maintain such boiler and machinery insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of OWNER, CONTRACTOR, Subcontractors, ENGINEERS, ENGINEER's Consultants, and any other individuals or entities identified in the Supplementary Conditions, each of whom is deemed to have an insurable interest and shall be listed as an insured or additional insured. Refer to Supplementary Condition SC-5.06.B~~

~~C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days prior written notice has been given to OWNER and CONTRACTOR and to each other additional insured to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with paragraph 5.07. Refer to Supplementary Condition SC-5.06.C~~

~~D. OWNER shall not be responsible for purchasing and maintaining any property insurance specified in this paragraph 5.06 to protect the interests of CONTRACTOR, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by CONTRACTOR, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense. Refer to Supplementary Condition SC-5.06.D~~

~~E. If CONTRACTOR requests in writing that other special insurance be included in the property insurance policies provided under paragraph 5.06, OWNER shall, if possible, include such insurance, and the cost thereof will be charged to CONTRACTOR by appropriate Change Order or Written Amendment. Prior to commencement of the Work at the Site, OWNER shall in writing advise CONTRACTOR whether or not such other insurance has been procured by OWNER. Refer to Supplementary Condition SC-5.06.E~~

5.07 Waiver of Rights

~~A. OWNER and CONTRACTOR intend that all policies purchased in accordance with paragraph 5.06 will protect OWNER, CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or additional insureds~~

~~(and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insureds thereunder. OWNER and CONTRACTOR waive all rights against each other and their respective officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors, ENGINEER, ENGINEER's Consultants, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or additional insureds (and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by OWNER as trustee or otherwise payable under any policy so issued. Refer to Supplementary Condition SC-5.07.A~~

B. OWNER waives all rights against CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants, and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them for:

1. Loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to OWNER's property or the Work caused by, arising out of, or resulting from fire or other peril whether or not insured by OWNER; and

2. Loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by OWNER during partial utilization pursuant to paragraph 14.05, after Substantial Completion pursuant to paragraph 14.04, or after final payment pursuant to paragraph 14.07.

C. Any insurance policy maintained by OWNER covering any loss, damage or consequential loss referred to in paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against CONTRACTOR, Subcontractors, ENGINEER, or ENGINEER's Consultants and the officers,

directors, partners, employees, agents, and other consultants and subcontractors of each and any of them.

5.08 Receipt and Application of Insurance Proceeds

~~A. Any insured loss under the policies of insurance required by paragraph 5.06 will be adjusted with OWNER and made payable to OWNER as fiduciary for the insureds, as their interests may appear, subject to the requirements of any applicable mortgage clause and of paragraph 5.08.B. OWNER shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Change Order or Written Amendment. Refer to Supplementary Condition SC-5.08.A~~

~~B. OWNER as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to OWNER's exercise of this power. If such objection be made, OWNER as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, OWNER as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, OWNER as fiduciary shall give bond for the proper performance of such duties. Refer to Supplementary Condition SC-5.08.B~~

5.09 Acceptance of Bonds and Insurance; Option to Replace

~~A. If either OWNER or CONTRACTOR has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by paragraph 2.05.C. OWNER and CONTRACTOR shall each provide to the other such additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the Bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent~~

~~Bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly. **Refer to Supplementary Condition SC-5.09.A**~~

5.10 Partial Utilization, Acknowledgment of Property Insurer

A. If OWNER finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

6.01 Supervision and Superintendence

A. CONTRACTOR shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. CONTRACTOR shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction, but CONTRACTOR shall not be responsible for the negligence of OWNER or ENGINEER in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents. CONTRACTOR shall be responsible to see that the completed Work complies accurately with the Contract Documents.

B. At all times during the progress of the Work, CONTRACTOR shall assign a competent resident superintendent thereto who shall not be replaced without written notice to OWNER and ENGINEER except under extraordinary circumstances. The superintendent will be CONTRACTOR's representative at the Site and shall have authority to act on behalf of CONTRACTOR. All communications given to or received from the superintendent shall be binding on CONTRACTOR.

6.02 Labor; Working Hours

A. CONTRACTOR shall provide competent, suitably qualified personnel to survey, lay out, and construct the Work as required by the Contract Documents. CONTRACTOR shall at all times maintain good discipline and order at the Site.

B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours, and CONTRACTOR will not permit overtime work or the performance of Work on Saturday, Sunday, or any legal holiday without OWNER's written consent (which will not be unreasonably withheld) given after prior written notice to ENGINEER.

6.03 Services, Materials, and Equipment

A. Unless otherwise specified in the General Requirements, CONTRACTOR shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.

B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All warranties and guarantees specifically called for by the Specifications shall expressly run to the benefit of OWNER. If required by ENGINEER, CONTRACTOR shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 Progress Schedule

A. CONTRACTOR shall adhere to the progress schedule established in accordance with paragraph 2.07 as it may be adjusted from time to time as provided below.

1. CONTRACTOR shall submit to ENGINEER for acceptance (to the extent indicated in paragraph 2.07)

proposed adjustments in the progress schedule that will not result in changing the Contract Times (or Milestones). Such adjustments will conform generally to the progress schedule then in effect and additionally will comply with any provisions of the General Requirements applicable thereto.

2. Proposed adjustments in the progress schedule that will change the Contract Times (or Milestones) shall be submitted in accordance with the requirements of Article 12. Such adjustments may only be made by a Change Order or Written Amendment in accordance with Article 12.

6.05 Substitutes and “Or-Equals”

A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or “or-equal” item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to ENGINEER for review under the circumstances described below.

1. *“Or-Equal” Items:* If in ENGINEER’S sole discretion an item of material or equipment proposed by CONTRACTOR is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by ENGINEER as an “or-equal” item, in which case review and approval of the proposed item may, in ENGINEER’s sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:

a. In the exercise of reasonable judgment ENGINEER determines that: (i) it is at least equal in quality, durability, appearance, strength, and design characteristics; (ii) it will reliably perform at least equally well the function imposed by the design concept of the completed Project as a functioning whole, and;

b. CONTRACTOR certifies that: (i) there is no increase in cost to the OWNER; and (ii) it will conform substantially, even with deviations, to the detailed requirements of the item named in the Contract Documents.

2. Substitute Items

a. If in ENGINEER’s sole discretion an item of material or equipment proposed by CONTRACTOR does not qualify as an “or-equal” item under paragraph 6.05.A.1, it will be considered a proposed substitute item.

b. CONTRACTOR shall submit sufficient information as provided below to allow ENGINEER to determine that the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by ENGINEER from anyone other than CONTRACTOR.

c. The procedure for review by ENGINEER will be as set forth in paragraph 6.05.A.2.d, as supplemented in the General Requirements and as ENGINEER may decide is appropriate under the circumstances.

d. CONTRACTOR shall first make written application to ENGINEER for review of a proposed substitute item of material or equipment that CONTRACTOR seeks to furnish or use. The application shall certify that the proposed substitute item will perform adequately the functions and achieve the results called for by the general design, be similar in substance to that specified, and be suited to the same use as that specified. The application will state the extent, if any, to which the use of the proposed substitute item will prejudice CONTRACTOR’s achievement of Substantial Completion on time, whether or not use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with OWNER for work on the Project) to adapt the design to the proposed substitute item and whether or not incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute item from that specified will be identified in the application, and available engineering, sales, maintenance, repair, and replacement services will be indicated. The application will also contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change, all of which will be considered by ENGINEER in evaluating the proposed substitute item. ENGINEER may require

CONTRACTOR to furnish additional data about the proposed substitute item.

B. *Substitute Construction Methods or Procedures*:: If a specific means, method, technique, sequence, or procedure of construction is shown or indicated in and expressly required by the Contract Documents, CONTRACTOR may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by ENGINEER. CONTRACTOR shall submit sufficient information to allow ENGINEER, in ENGINEER's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The procedure for review by ENGINEER will be similar to that provided in subparagraph 6.05.A.2.

C. *Engineer's Evaluation*: ENGINEER will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to paragraphs 6.05.A and 6.05.B. ENGINEER will be the sole judge of acceptability. No "or-equal" or substitute will be ordered, installed or utilized until ENGINEER's review is complete, which will be evidenced by either a Change Order for a substitute or an approved Shop drawing for an "or equal". ENGINEER will advise CONTRACTOR in writing of any negative determination.

D. *Special Guarantee*: OWNER may require CONTRACTOR to furnish at CONTRACTOR's expense a special performance guarantee or other surety with respect to any substitute.

E. *ENGINEER's Cost Reimbursement*: ENGINEER will record time required by ENGINEER and ENGINEER's Consultants in evaluating substitute proposed or submitted by CONTRACTOR pursuant to paragraphs 6.05.A.2 and 6.05.B and in making changes in the Contract Documents (or in the provisions of any other direct contract with OWNER for work on the Project) occasioned thereby. Whether or not ENGINEER approves a substitute item so proposed or submitted by CONTRACTOR, CONTRACTOR shall reimburse OWNER for the charges of ENGINEER and ENGINEER's Consultants for evaluating each such proposed substitute.

F. *CONTRACTOR's Expense*: CONTRACTOR shall provide all data in support of any proposed substitute or "or-equal" at CONTRACTOR's expense.

6.06 Concerning Subcontractors, Suppliers, and Others

A. CONTRACTOR shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to OWNER as indicated in

paragraph 6.06.B), whether initially or as a replacement, against whom OWNER may have reasonable objection. CONTRACTOR shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom CONTRACTOR has reasonable objection.

B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to OWNER in advance for acceptance by OWNER by a specified date prior to the Effective Date of the Agreement, and if CONTRACTOR has submitted a list thereof in accordance with the Supplementary Conditions, OWNER's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. CONTRACTOR shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued or Written Amendment signed. No acceptance by OWNER of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of OWNER or ENGINEER to reject defective work.

C. CONTRACTOR shall be fully responsible to OWNER and ENGINEER for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as CONTRACTOR is responsible for CONTRACTOR's own acts and omissions. Nothing in the Contract Documents shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between OWNER or ENGINEER and any such Subcontractor, Supplier or other individual or entity, nor shall it create any obligation on the part of OWNER or ENGINEER to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.

D. CONTRACTOR shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with CONTRACTOR.

E. CONTRACTOR shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with ENGINEER through CONTRACTOR.

F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control CONTRACTOR in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.

G. All Work performed for CONTRACTOR by a Subcontractor or Supplier will be pursuant to an appropriate agreement between CONTRACTOR and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of OWNER and ENGINEER. Whenever any such agreement is with a Subcontractor or Supplier who is listed as an additional insured on the property insurance provided in paragraph 5.06, the agreement between the CONTRACTOR and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against OWNER, CONTRACTOR, ENGINEER, ENGINEER's Consultants, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or additional insureds (and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, CONTRACTOR will obtain the same.

6.07 Patent Fees and Royalties

A. CONTRACTOR shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if to the actual knowledge of OWNER or ENGINEER its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by OWNER in the Contract Documents. To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless OWNER, ENGINEER, ENGINEER's Consultants, and the officers, directors, partners, employees or agents, and other consultants of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the

use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 Permits

A. Unless otherwise provided in the Supplementary Conditions, CONTRACTOR shall obtain and pay for all construction permits and licenses. OWNER shall assist CONTRACTOR, when necessary, in obtaining such permits and licenses. CONTRACTOR shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective date of the Agreement. CONTRACTOR shall pay all charges of utility owners for connections to the Work, and OWNER shall pay all charges of such utility owners for capital costs related thereto, such as plant investment fees. **Refer to Supplementary Condition SC-6.08.**

6.09 Laws and Regulations

A. CONTRACTOR shall give all notices and comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither OWNER nor ENGINEER shall be responsible for monitoring CONTRACTOR's compliance with any Laws or Regulations.

B. If CONTRACTOR performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, CONTRACTOR shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work; however, it shall not be CONTRACTOR's primary responsibility to make certain the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve CONTRACTOR of CONTRACTOR's obligations under paragraph 3.03.

C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work may be the subject of an adjustment in Contract Price or Contract Times. If OWNER and CONTRACTOR are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in paragraph 10.05. **Refer to Supplementary Condition SC-6.09**

6.10 Taxes

A. CONTRACTOR shall pay all sales, consumer, use, and other similar taxes required to be paid by CONTRACTOR in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work

6.11 Use of Site and Other Areas

A. Limitation on Use of Site and Other Areas

1. CONTRACTOR shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. CONTRACTOR shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.

2. Should any claim be made by any such owner or occupant because of the performance of the Work, CONTRACTOR shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.

3. To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless OWNER, ENGINEER, ENGINEER's Consultant, and the officers, directors, partners, employees, agents, and other consultants of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against OWNER, ENGINEER, or any other party indemnified hereunder to the extent caused by or based upon CONTRACTOR's performance of the Work.

B. Removal of Debris During performance of the Work: During the progress of the Work CONTRACTOR shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.

C. Cleaning: Prior to Substantial Completion of the Work CONTRACTOR shall clean the Site and make it

ready for utilization by Owner. At the completion of the Work CONTRACTOR shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.

D. Loading Structures: CONTRACTOR shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall CONTRACTOR subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 Record Documents

A. CONTRACTOR shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Written Amendments, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to ENGINEER for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to ENGINEER for OWNER. *Refer to Supplementary Condition SC-6.12.B*

6.13 Safety and Protection

A. CONTRACTOR shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

1. All persons on the Site or who may be affected by the Work;

2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and

3. Other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

B. CONTRACTOR shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all

necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property. All damage, injury, or loss to any property referred to in paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or ENGINEER or ENGINEER'S Consultant, or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them). CONTRACTOR's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and ENGINEER has issued a notice to OWNER and CONTRACTOR in accordance with paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion). **Refer to Supplementary Condition SC-6.13**

6.14 Safety Representative

A. CONTRACTOR shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 Hazard Communication Programs

A. CONTRACTOR shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 Emergencies

A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, CONTRACTOR is obligated to act to prevent threatened damage, injury, or loss. CONTRACTOR shall

give ENGINEER prompt written notice if CONTRACTOR believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If ENGINEER determines that a change in the Contract Documents is required because of the action taken by CONTRACTOR in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 Shop Drawings and Samples

A. CONTRACTOR shall submit Shop Drawings to ENGINEER for review and approval in accordance with the acceptable schedule of Shop Drawings and Sample submittals. All submittals will be identified as ENGINEER may require and in the number of copies specified in the General Requirements. The data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show ENGINEER the services, materials, and equipment CONTRACTOR proposes to provide and to enable ENGINEER to review the information for the limited purposes required by paragraph 6.17.E. **Refer to Supplementary Condition SC-6.17.A**

B. Where a Shop Drawing or Sample is required by the Contract Documents or the schedule of Shop Drawings and Sample submittals acceptable to ENGINEER as required by paragraph 2.07, any related Work performed prior to ENGINEER's review and approval of the pertinent submittal will be at the sole expense and responsibility of CONTRACTOR.

C. Submittal Procedures

1. Before submitting each Shop Drawing or Sample, CONTRACTOR shall have determined and verified:

a. All field measurements, quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;

b. All materials with respect to intended use, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work;

c. All information relative to means, methods, techniques, sequences, and procedures of construction and safety precautions and programs incident thereto; and

d. CONTRACTOR shall also have reviewed and coordinated each Shop Drawing or Sample with other Shop drawings and Samples and with the requirements of the Work and the Contract Documents.

2. Each submittal shall bear a stamp or specific written indication that CONTRACTOR has satisfied CONTRACTOR's obligations under the Contract Documents with respect to CONTRACTOR's review and approval of that submittal.

3. At the time of each submittal, CONTRACTOR shall give ENGINEER specific written notice of such variations, if any, that the Shop Drawing or Sample submitted may have from the requirements of the Contract Documents, such notice to be in a written communication separate from the submittal; and, in addition, shall cause a specific notation to be made on each Shop Drawing and Sample submitted to ENGINEER for review and approval of each such variation.

D. ENGINEER's Review

1. ENGINEER will timely review and approve Shop Drawings and Samples in accordance with the schedule of Shop Drawings and Sample submittals acceptable to ENGINEER. ENGINEER's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.

2. ENGINEER's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.

3. ENGINEER's review and approval of Shop Drawings or Samples shall not relieve CONTRACTOR from responsibility for any variation from the requirements of the Contract Documents unless CONTRACTOR has in writing called ENGINEER's attention to each such variation at the time of each submittal as required by paragraph 6.17.D.3 and ENGINEER has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing

or Sample approval; nor will any approval by ENGINEER relieve CONTRACTOR from responsibility for complying with the requirements of paragraph 6.17.D.1.

E. Resubmittal Procedures

1. CONTRACTOR shall make corrections required by ENGINEER and shall return the required number of corrected copies of Shop Drawings and submit as required new Samples for review and approval. CONTRACTOR shall direct specific attention in writing to revisions other than the corrections called for by ENGINEER on previous submittals.

6.18 Continuing The Work

A. CONTRACTOR shall carry on the Work and adhere to the progress schedule during all disputes or disagreements with OWNER. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by paragraph 15.04 or as OWNER and CONTRACTOR may otherwise agree in writing.

6.19 CONTRACTOR's General Warranty and Guarantee

A. CONTRACTOR warrants and guarantees to OWNER, ENGINEER, and ENGINEER's Consultants that all Work will be in accordance with the Contract Documents and will not be defective. CONTRACTOR's warranty and guarantee hereunder excludes defects or damage caused by:

1. Abuse, modification, or improper maintenance or operation by persons other than CONTRACTOR, Subcontractors, Suppliers, or any other individual or entity for whom CONTRACTOR is responsible; or

2. Normal wear and tear under normal usage.

B. CONTRACTOR's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of CONTRACTOR's obligation to perform the Work in accordance with the Contract Documents:

1. Observations by ENGINEER;

2. Recommendation by ENGINEER or payment by OWNER OF ANY PROGRESS OR FINAL PAYMENT;

3. The issuance of a certificate of Substantial Completion by ENGINEER or any payment related thereof by OWNER;

4. Use or occupancy of the Work or any part thereof by OWNER;

5. Any acceptance by OWNER or any failure to do so;

6. Any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by ENGINEER;

7. Any inspection, test, or approval by others; or

8. Any correction of defective Work by OWNER.

6.20 Indemnification

A. To the fullest extent permitted by Laws and Regulations, CONTRACTOR shall indemnify and hold harmless OWNER, ENGINEER, ENGINEER's Consultants, and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage:

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 of CONTRACTOR, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable, regardless of whether or not caused in part by any negligence or omission of an individual or entity indemnified hereunder or whether liability is imposed upon such indemnified party by Laws and Regulations regardless of the negligence of any such individual or entity.

B. In any and all claims against OWNER or ENGINEER or any of their respective consultants, agents, officers, directors, partners, or employees by any employee (or the survivor or personal representative of such employee) of CONTRACTOR, any Subcontractor, any

Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for CONTRACTOR or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

C. The indemnification obligations of CONTRACTOR under paragraph 6.20.A shall not extend to the liability of ENGINEER and ENGINEER's Consultants or to the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them arising out of:

1. The preparation or approval of, or the failure to prepare or approve, maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or

2. Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

ARTICLE 7 - OTHER WORK

7.01 Related Work at Site

A. OWNER may perform other work related to the Project at the Site by OWNER's employees, or let other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:

1. Written notice thereof will be given to CONTRACTOR prior to starting any such other work; and

2. If OWNER and CONTRACTOR are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in paragraph 10.05.

B. CONTRACTOR shall afford each other contractor who is a party to such a direct contract and each utility owner (and OWNER, if OWNER is performing the other work with OWNER's employees) proper and safe access to the Site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work and shall properly coordinate the Work with theirs. Unless otherwise provided in the Contract

Documents, CONTRACTOR shall do all cutting , fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. CONTRACTOR shall not endanger any work of others by cutting, excavating, or otherwise altering their work and will only cut or alter their work with the written consent of ENGINEER and the others whose work will be affected. The duties and responsibilities of CONTRACTOR under this paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of CONTRACTOR in said direct contracts between OWNER and such utility owners and other contractors.

C. If the proper execution or results of any part of CONTRACTOR's Work depends upon work performed by others under this Article 7, CONTRACTOR shall inspect such other work and promptly report to ENGINEER in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of CONTRACTOR's Work. CONTRACTOR's failure to so report will constitute an acceptance of such other work as fit and proper for integration with CONTRACTOR's Work except for latent defects and deficiencies in such other work.

7.02 Coordination

A. If OWNER intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:

1. The individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
2. The specific matters to be covered by such authority and responsibility will be itemized; and
3. The extent of such authority and responsibilities will be provided.

B. Unless otherwise provided in the Supplementary Conditions, OWNER shall have sole authority and responsibility for such coordination.

ARTICLE 8 - OWNER'S RESPONSIBILITIES

8.01 Communications to Contractor

A. Except as otherwise provided in these General Conditions, OWNER shall issue all communications to CONTRACTOR through ENGINEER.

8.02 Replacement of ENGINEER

A. In case of termination of the employment of ENGINEER, OWNER shall appoint an engineer to whom CONTRACTOR makes no reasonable objection, whose status under the Contract Documents shall be that of the former ENGINEER.

8.03 Furnish Data

A. OWNER shall promptly furnish the data required of OWNER under the Contract Documents.

8.04 Pay Promptly When Due

A. OWNER shall make payments to CONTRACTOR promptly when they are due as provided in paragraphs 14.02.C and 14.07.C.

8.05 Lands and Easements; Reports and Tests

A. OWNER's duties in respect of providing lands and easements and providing engineering surveys to establish reference points are set forth in paragraphs 4.01 and 4.05. Paragraph 4.02 refers to OWNER's identifying and making available to CONTRACTOR copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site that have been utilized by ENGINEER in preparing the Contract Documents.

8.06 Insurance

A. OWNER's responsibilities, if any, in respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 Change Orders

A. OWNER is obligated to execute Change Orders as indicated in paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

A. OWNER's responsibility in respect to certain inspections tests, and approvals is set forth in paragraph 13.03.B.

8.09 *Limitations on OWNER's Responsibilities*

A. The OWNER shall not supervise, direct, or have control or authority over, nor be responsible for, CONTRACTOR's means, methods, techniques, sequences, or procedures of construction, of the safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations applicable to the performance of the Work. OWNER will not be responsible for CONTRACTOR's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

A. OWNER's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in paragraph 4.06

8.11 *Evidence of Financial Arrangements*

A. If and to the extent OWNER has agreed to furnish CONTRACTOR reasonable evidence that financial arrangements have been made to satisfy OWNER'S obligations under the Contract Documents, OWNER's responsibility in respect thereof will be as set forth in the Supplementary Conditions.

ARTICLE 9 - ENGINEER'S STATUS DURING CONSTRUCTION

9.01 *OWNER's Representative*

A. ENGINEER will be OWNER's representative during the construction period. The duties and responsibilities and the limitations of authority of ENGINEER as OWNER's representative during construction are set forth in the Contract Documents and will not be changed without written consent of OWNER and ENGINEER.

9.02 *Visits to Site*

A. ENGINEER will make visits to the Site at intervals appropriate to the various stages of construction as ENGINEER deems necessary in order to observe as an

experienced and qualified design professional the progress that has been made and the quality of the various aspects of CONTRACTOR's executed Work. Based on information obtained during such visits and observations, ENGINEER, for the benefit of OWNER, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. ENGINEER will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. ENGINEER's efforts will be directed toward providing for OWNER a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, ENGINEER will keep OWNER informed of the progress of the Work and will endeavor to guard OWNER against defective Work.

B. ENGINEER's visits and observations are subject to all the limitations on ENGINEER's authority and responsibility set forth in paragraph 9.10, and particularly, but without limitation, during or as a result of ENGINEER's visits or observations of CONTRACTOR's Work ENGINEER will not supervise, direct, control, or have authority over or be responsible for CONTRACTOR's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

A. If OWNER and ENGINEER agree, ENGINEER will furnish a Resident Project Representative to assist ENGINEER in providing more extensive observation of the Work. The responsibilities and authority and limitations thereon of any such Resident Project Representative and assistants will be as provided in paragraph 9.10 and in the Supplementary Conditions. If OWNER designates another representative or agent to represent OWNER at the Site who is not ENGINEER's Consultant, agent or employee, the responsibilities and authority and limitations thereof of such other individual or entity will be as provided in the supplementary Conditions.

9.04 *Clarifications and Interpretations*

A. ENGINEER will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents as ENGINEER may determine necessary, which shall be consistent with the intent of and reasonably inferable from the Contract Documents. Such written clarifications and interpretations will be binding on OWNER and CONTRACTOR. If OWNER and CONTRACTOR are unable to agree on

entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a written clarification or interpretation, a Claim may be made therefore as provided in paragraph 10.05.

9.05 Authorized Variations in Work

A. ENGINEER may authorize minor variations in the Work from the requirements of the Contract documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on OWNER and also on CONTRACTOR, who shall perform the Work involved promptly. If OWNER and CONTRACTOR are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of a Field Order, a Claim may be made therefor as provided in paragraph 10.05.

9.06 Rejecting Defective Work

A. ENGINEER will have authority to disapprove or reject Work which ENGINEER believes to be defective, or that ENGINEER believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. ENGINEER will also have authority to require special inspection or testing of the Work as provided in paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.07 Shop Drawings, Change Orders and Payments

A. In connection with ENGINEER's authority as to Shop Drawings and Samples, see paragraph 6.17.

B. In connection with ENGINEER's authority as to change orders, see Articles 10, 11, and 12.

C. In connection with ENGINEER's authority as to Applications for Payment, see Article 14.

9.08 Determinations for Unit Price Work

A. ~~ENGINEER will determine the actual quantities and classifications of Unit Price Work performed by~~

~~CONTRACTOR. ENGINEER will review with CONTRACTOR the ENGINEER's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). ENGINEER's written decision thereon will be final and binding (except as modified by ENGINEER to reflect changed factual conditions or more accurate data) upon OWNER and CONTRACTOR, subject to the provisions of paragraph 10.05. Refer to Supplementary Condition SC-9.08.A~~

9.09 Decisions on Requirements of Contract Documents and Acceptability of Work

A. ENGINEER will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. Claims, disputes and other matters relating to the acceptability of the Work, the quantities and classifications of Unit Price Work, the interpretation of the requirements of the Contract documents pertaining to the performance of the Work, and Claims seeking changes in the Contract Price or Contract Times will be referred initially to ENGINEER in writing in accordance with the provisions of paragraph 10.05, with a request for a formal decision.

B. When functioning as interpreter and judge under this paragraph 9.09, ENGINEER will not show partiality to OWNER or CONTRACTOR and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity. The rendering of a decision by ENGINEER pursuant to this paragraph 9.09 with respect to any such Claim, dispute, or other matter (except any which have been waived by the making or acceptance of final payment as provided in paragraph 14.07) will be a condition precedent to any exercise by OWNER or CONTRACTOR of such rights or remedies as either may otherwise have under the Contract Documents or by Laws or Regulations in respect of any such Claim, dispute, or other matter.

9.10 Limitations on ENGINEER's Authority and Responsibilities

A. Neither ENGINEER's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by ENGINEER in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by ENGINEER shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by ENGINEER to CONTRACTOR, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.

B. ENGINEER will not supervise, direct, control, or have authority over or be responsible for CONTRACTOR's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of CONTRACTOR to comply with Laws and Regulations applicable to the performance of the Work. ENGINEER will not be responsible for CONTRACTOR's failure to perform the Work in accordance with the Contract Documents.

C. ENGINEER will not be responsible for the acts or omissions of CONTRACTOR or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.

D. ENGINEER's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates or inspections, tests, and approvals that the results certified indicate compliance with the Contract Documents.

E. The limitations upon authority and responsibility set forth in this paragraph 9.10 shall also apply to ENGINEER's Consultants, Resident Project Representative, and assistants.

ARTICLE 10 - CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

A. Without invalidating the Agreement and without notice to any surety, OWNER may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Written Amendment, a Change Order, or a Work Change Directive. Upon receipt of any such document, CONTRACTOR shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).

B. If OWNER and CONTRACTOR are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

A. CONTRACTOR shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in paragraph 3.04, except in the case of an emergency as provided in paragraph 6.16 or in the case of uncovering Work as provided in paragraph 13.04.B.

10.03 *Execution of Change Orders*

A. OWNER and CONTRACTOR shall execute appropriate Change Orders recommended by ENGINEER (or Written Amendments) covering:

1. Changes in the Work which are: (i) ordered by OWNER pursuant to paragraph 10.01.A, (ii) required because of acceptance of defective Work under paragraph 13.08.A or OWNER's correction of defective Work under paragraph 13.09, or (iii) agreed to by the parties;

2. Changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and

3. Changes in the Contract Price and Contract Times which embody the substance of any written decision rendered by ENGINEER pursuant to paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, CONTRACTOR shall carry on the Work and adhere to the progress schedule as provided in paragraph 6.18.A.

10.04 *Notification to Surety*

A. If notice of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times) is required by the provisions of any Bond to be given to a surety, the giving of any such notice will be CONTRACTOR's responsibility. The amount of each applicable Bond will be adjusted to reflect the effect of any such change.

10.05 Claims and Disputes

A. *Notice:* Written notice stating the general nature of each Claim, dispute, or other matter shall be delivered by the claimant to ENGINEER and the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto. Notice of the amount or extent of the claim, dispute, or other matter with supporting data shall be delivered to the ENGINEER and the other party to the Contract within 60 days after the start of such event (unless ENGINEER allows additional time for claimant to submit additional or more accurate data in support of such Claim, dispute, or other matter). A Claim for an adjustment in Contract Price shall be prepared in accordance with the provisions in paragraph 12.01.B. A Claim for an adjustment in Contract Time shall be prepared in accordance with the provisions of paragraph 12.02.B. Each Claim shall be accompanied by claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to ENGINEER and the claimant within 30 days after receipt of the claimant's last submittal (unless ENGINEER allows additional time).

B. *ENGINEER'S Decision:* ENGINEER will render a formal decision in writing within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any. ENGINEER's written decision on such Claim, dispute, or other matter will be final and binding upon OWNER and CONTRACTOR unless:

1. An appeal from ENGINEER'S decision is taken within the time limits and in accordance with the dispute resolution procedures set forth in Article 16; or

2. If no such dispute resolution procedures have been set forth in Article 16, a written notice of intention to appeal from ENGINEER's written decision is delivered by OWNER or CONTRACTOR to the other and to ENGINEER within 30 days after the date of such decision, and a formal proceeding is instituted by the appealing party in a forum of competent jurisdiction within 60 days after the date of such decision or within 60 days after Substantial Completion, whichever is later (unless otherwise agreed in writing by OWNER and CONTRACTOR), to exercise such rights or remedies as the appealing party may have the respect to such Claim, dispute, or other matter in accordance with applicable Laws and Regulations.

C. If ENGINEER does not render a formal decision in writing within the time stated in paragraph 10.05.B, a decision denying the Claim in its entirety shall be deemed to have been issued 31 days after receipt of the last submittal

of the claimant or the submittal of the opposing party, if any.

D. No Claim for an adjustment in Contract Price or Contract Times (or Milestones) will be valid if not submitted in accordance with this paragraph 10.05.

ARTICLE 11 - COST OF THE WORK; CASH ALLOWANCES; UNIT PRICE WORK

11.01 Cost of the Work

A. *Costs Included:* The term Cost of the Work means the sum of all costs necessarily incurred and paid by CONTRACTOR in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of the Cost of the Work, the costs to be reimbursed to CONTRACTOR will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by OWNER, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items, and shall not include any of the costs itemized in paragraph 11.01.B.

1. Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the Work under schedules of job classifications agreed upon by OWNER and CONTRACTOR. Such employees shall include without limitation superintendents, foremen, and other personnel employed full time at the Site. Payroll costs of employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by OWNER.

2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless OWNER deposits funds with CONTRACTOR with which to make payments, in which case the cash

discounts shall accrue to OWNER. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to OWNER, and CONTRACTOR shall make provisions so that they may be obtained.

3. Payments made by CONTRACTOR to Subcontractors for Work performed by Subcontractors. If required by OWNER, CONTRACTOR shall obtain competitive bids from subcontractors acceptable to OWNER and CONTRACTOR and shall deliver such bids to OWNER, who will then determine, with the advice of ENGINEER, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as CONTRACTOR's Cost of the Work and fee as provided in this paragraph 11.01.

4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.

5. Supplemental costs including the following:

a. The proportion of necessary transportation, travel, and subsistence expenses of CONTRACTOR's employees incurred in discharge of duties connected with the Work.

b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of CONTRACTOR.

c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from CONTRACTOR or others in accordance with rental agreements approved by OWNER with the advice of ENGINEER, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work. Refer to Supplementary Condition SC11.01.A.5.c

d. Sales, consumer, use, and other similar taxes related to the Work, and for which CONTRACTOR is liable, imposed by Laws and Regulations.

e. Deposits lost for causes other than negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.

~~f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by CONTRACTOR in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of OWNER. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining CONTRACTOR's fee.~~
Refer to Supplementary Condition SC-11.01.A.5.f

g. The cost of utilities, fuel, and sanitary facilities at the Site.

h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, expressage, and similar petty cash items in connection with the Work.

i. When the Cost of the Work is used to determine the value of a Change Order or of a Claim, the cost of premiums for additional Bonds and insurance required because of the changes in the Work or caused by the event giving rise to the Claim

j. When all the Work is performed on the basis of cost-plus, the costs of premiums for all Bonds and insurance CONTRACTOR is required by the Contract Documents to purchase and maintain.

B. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:

1. Payroll costs and other compensation of CONTRACTOR's officers, executives, principals (of partnerships and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by CONTRACTOR, whether at the Site or in CONTRACTOR's principal or branch office for general

administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in paragraph 11.01.A.1 or specifically covered by paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the CONTRACTOR's fee.

2. Expenses of CONTRACTOR's principal and branch offices other than CONTRACTOR's office at the Site.

3. Any part of CONTRACTOR's capital expense, including interest on CONTRACTOR's capital employed for the Work and charges against CONTRACTOR for delinquent payments.

4. Costs due to the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.

5. Other overheard or general expense costs of any kind and the costs of any item not specifically and expressly included in paragraphs 11.01.A and 11.01.B.

C. *CONTRACTOR's Fee:* When all the Work is performed on the basis of cost-plus, CONTRACTOR's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, CONTRACTOR's fee shall be determined as set forth in paragraph 12.01.C.

D. *Documentation:* Whenever the cost of the Work for any purpose is to be determined pursuant to paragraphs 11.01.A. and 11.01.B, CONTRACTOR will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to ENGINEER as itemized cost breakdown together with supporting data.

11.02 Cash Allowances

A. It is understood that CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums as may be acceptable to OWNER and ENGINEER. CONTRACTOR agrees that:

1. The allowances include the cost to CONTRACTOR (less any applicable trade discounts) of

materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and

2. CONTRACTOR's costs for unloading and handling on the Site, labor, installation costs, overhead, profit, and other expenses contemplated for the allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.

B. Prior to final payment, an appropriate Change Order will be issued as recommended by ENGINEER to reflect actual amounts due CONTRACTOR on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 Unit Price Work

A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement. The estimated quantities of items of the Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by CONTRACTOR will be made by ENGINEER subject to the provisions of paragraph 9.08

B. Each unit price will be deemed to include an amount considered by CONTRACTOR to be adequate to cover CONTRACTOR's overhead and profit for each separately identified item.

C. *Refer to Supplementary Condition SC-11.03.C*
~~OWNER or CONTRACTOR may make a Claim for an adjustment in the Contract Price in accordance with paragraph 10.05 if:~~

~~1. the quantity of any item of Unit Price Work performed by CONTRACTOR differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and~~

~~2. there is no corresponding adjustment with respect to any other item of Work; and~~

~~3. if CONTRACTOR believes that CONTRACTOR is entitled to an increase in Contract Price as a result of having incurred additional expense or OWNER believes that OWNER is entitled to a decrease in Contract Price~~

~~and the parties are unable to agree as to the amount of any such increase or decrease.~~

ARTICLE 12 - CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 *Change of Contract Price*

A. The Contract Price may only be changed by a Change Order or by a Written Amendment. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the ENGINEER and the other party to the Contract in accordance with the provisions of paragraph 10.05.

B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:

1. Where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of paragraph 11.03); or

2. Where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with paragraph 12.01.C.2); or

3. Where the Work involved is not covered by unit prices contained in the Contract Documents an agreement to a lump sum is not reached under paragraph 12.01.B.2, on the basis of the cost of the Work (determined as provided in paragraph 11.01) plus a CONTRACTOR's fee for overhead and profit (determined as provided in paragraph 12.01.C).

C. *CONTRACTOR's Fee:* The CONTRACTOR's fee for overhead and profit shall be determined as follows:

1. A mutually acceptable fixed fee; or

2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:

a. For costs incurred under paragraphs 11.01.A.1 and 11.01.A.2, the CONTRACTOR's fee shall be 15 percent;

b. For costs incurred under paragraph 11.01.A.3, the CONTRACTOR's fee shall be five percent;

c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of paragraph 12.01.C.2.a. is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of 15 percent of the costs incurred by such Subcontractor under paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier Subcontractor and CONTRACTOR will each be paid a fee of five percent of the amount paid to the next lower tier Subcontractor;

d. No fee shall be payable on the basis of costs itemized under paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;

e. The amount of credit to be allowed by CONTRACTOR to OWNER for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in CONTRACTOR's fee by an amount equal to five percent of such net decrease; and

f. When both addition and credits are involved in any one change, the adjustment in CONTRACTOR's fee shall be computed on the basis of the net change in accordance with paragraphs 12.01.C.2.a through 12.01.C.2.e., inclusive.

12.02 *Change of Contract Times*

A. The Contract Times (or Milestones) may only be changed by a Change Order or by a Written Amendment. Any Claim for an adjustment in the Contract Times (or Milestones) shall be based on written notice submitted by the party making the claim to the ENGINEER and the other party to the Contract in accordance with the provisions of paragraph 10.05.

B. Any adjustment of the contract Times (or Milestones) covered by a Change Order or of any Claim for an adjustment in the Contract Times (or Milestones) will be determined in accordance with the provisions of this Article 12.

12.03 *Delays Beyond CONTRACTOR's Control*

A. Where CONTRACTOR is prevented from completing any part of the Work within the Contract Times (or Milestones) due to delay beyond the control of CONTRACTOR, the Contract Times (or Milestones) will be extended in an amount equal to the time lost due to such

delay if a Claim is made therefor as provided in paragraph 12.02.A. Delays beyond the control of CONTRACTOR shall include, but not be limited to, acts or neglect by OWNER, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.

12.04 Delays Within CONTRACTOR's Control

A. The Contract Times (or Milestones) will not be extended due to delays within the control of CONTRACTOR. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of CONTRACTOR.

12.05 Delays Beyond OWNER's and CONTRACTOR's Control

A. Where CONTRACTOR is prevented from completing any part of the Work within the Contract Times (or Milestones) due to delay beyond the control of both OWNER and CONTRACTOR, an extension of the Contract Times (or Milestones) in an amount equal to the time lost due to such delay shall be CONTRACTOR's sole and exclusive remedy for such delay.

12.06 Delay Damages

A. In no event shall OWNER or ENGINEER be liable to CONTRACTOR, any Subcontractor, any Supplier, or any other person or organization, or to any surety for or employee or agent of any of them, for damages arising out of or resulting from:

1. Delays caused by or within the control of CONTRACTOR; or

2. Delays beyond the control of both OWNER and CONTRACTOR including but not limited to fires, flood, epidemics, abnormal weather conditions, acts of God, or acts or neglect by utility owners or other contractors performing other work as contemplated by Article 7.

B. Nothing in this paragraph 12.06 bars a change in Contract Price pursuant to this Article 12 to compensate CONTRACTOR due to delay, interference, or disruption directly attributable to actions or inactions of OWNER or anyone from whom OWNER is responsible.

ARTICLE 13 - TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 Notice of Defects

A. Prompt notice of all defective Work of which OWNER or ENGINEER has actual knowledge will be given to CONTRACTOR. All defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 Access to Work

A. OWNER, ENGINEER, ENGINEER'S Consultants, other representatives and personnel of OWNER, independent testing laboratories, and governmental agencies with jurisdictional interest will have access to the Site and the Work at reasonable times for their observation, inspecting, and testing. CONTRACTOR shall provide them proper and safe conditions for such access and advise them of CONTRACTOR's Site safety procedures and programs so that they may comply therewith as applicable.

13.03 Tests and Inspections

A. CONTRACTOR shall give ENGINEER timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.

B. OWNER shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:

1. For inspections, tests, or approvals covered by paragraphs 13.03.C and 13.03.D below;

2. That costs incurred in connection with tests or inspections conducted pursuant to paragraph 13.04.B shall be paid as provided in said paragraph 13.04.B; and

3. As otherwise specifically provided in the Contract Documents. **Refer to Supplementary Condition SC-13.03.B**

C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, CONTRACTOR shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish ENGINEER the required certificates

of inspection or approval. **Refer to Supplementary Condition SC-13.03.C**

D. CONTRACTOR shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for OWNER'S and ENGINEER's acceptance of materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to CONTRACTOR's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to OWNER and ENGINEER.

E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by CONTRACTOR without written concurrence of ENGINEER, it must, if requested by ENGINEER, be uncovered for observation.

F. Uncovering Work as provided in paragraph 13.03.E shall be at CONTRACTOR's expense unless CONTRACTOR has given ENGINEER timely notice of CONTRACTOR's intention to cover the same and ENGINEER has not acted with reasonable promptness in response to such notice. **Refer to Supplementary Condition SC-13.03.G**

13.04 Uncovering Work

A. If any Work is covered contrary to the written request of ENGINEER, it must, if requested by ENGINEER, be uncovered for ENGINEER's observation and replaced at CONTRACTOR'S expense.

B. If ENGINEER considers it necessary or advisable that covered Work be observed by ENGINEER or inspected or tested by others, CONTRACTOR, at ENGINEER's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as ENGINEER may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment. If it is found that such Work is defective, CONTRACTOR shall pay all Claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and OWNER shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, OWNER may make a Claim therefor as provided in paragraph 10.05. If, however, such Work is not found to be

defective, CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Times (or Milestones), or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, CONTRACTOR may make a Claim therefore as provided in paragraph 10.05.

13.05 OWNER May Stop the Work

A. If the Work is defective, or CONTRACTOR fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, OWNER may order CONTRACTOR to stop the Work, or any portion thereof, until the cause of such order has been eliminated; however, this right of OWNER to stop the Work shall not give rise to any duty on the part of OWNER to exercise this right for the benefit of CONTRACTOR, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 Correction or Removal of Defective Work

A. CONTRACTOR shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by ENGINEER, remove it from the Project and replace it with Work that is not defective. CONTRACTOR shall pay all Claims, costs, losses, damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).

13.07 Correction Period

A. If within one year after the date of Substantial Completion or such longer period of time as may be prescribed by Laws or Regulations or by the terms of any applicable special guarantee required by the Contract documents or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for CONTRACTOR's use by OWNER or permitted by Laws and Regulations as contemplated in paragraph 6.11.A is found to be defective, CONTRACTOR shall promptly, without cost to OWNER and in accordance with OWNER's written instructions: (i) repair such defective land or areas,

or (ii) correct such defective Work or, if the defective Work has been rejected by OWNER, remove it from the Project and replace it with Work that is not defective, and (iii) satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom. If CONTRACTOR does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, OWNER may have the defective Work corrected or repaired or may have the rejected Work removed and replaced, and all Claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement work of others) will be paid by CONTRACTOR.

B. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications or by Written Amendment.

C. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph 13.07, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.

D. CONTRACTOR's obligations under this paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this paragraph 13.07 shall not be construed as a substitute for or a waiver of the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

A. If, instead of requiring correction or removal and replacement of defective Work, OWNER (and, prior to ENGINEER's recommendation of final payment, ENGINEER) prefers to accept it, OWNER may do so, CONTRACTOR shall pay all Claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to OWNER's evaluation of and determination to accept such defective Work (such costs to be approved by ENGINEER as to reasonableness) and the diminished value of the Work to the extent not otherwise paid by CONTRACTOR pursuant to this sentence. If any such acceptance occurs prior to ENGINEER's recommendation of final payment, a Change Order will be issued

incorporating the necessary revisions in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, OWNER may make a Claim therefor as provided in paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by CONTRACTOR to OWNER.

13.09 *OWNER May Correct Defective Work*

A. If CONTRACTOR fails within a reasonable time after written notice from ENGINEER to correct defective Work or to remove and replace rejected Work as required by ENGINEER in accordance with paragraph 13.06.A, or if CONTRACTOR fails to perform the Work in accordance with the Contract Documents, or if CONTRACTOR fails to comply with any other provision of the Contract Documents, OWNER may, after seven days written notice to CONTRACTOR, correct and remedy any such deficiency.

B. In exercising the rights and remedies under this paragraph, OWNER shall proceed expeditiously. In connection with such corrective and remedial action, OWNER may exclude CONTRACTOR from all or part of the Site, take possession of all or part of the Work and suspend CONTRACTOR's services related thereto, take possession of CONTRACTOR's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which OWNER has paid CONTRACTOR but which are stored elsewhere. CONTRACTOR shall allow OWNER, OWNER's representatives, agents and employees, OWNER's other contractors, and ENGINEER and ENGINEER's Consultants access to the Site to enable OWNER to exercise the rights and remedies under this paragraph.

C. All Claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by OWNER in exercising the rights and remedies under this paragraph 13.09 will be charged against CONTRACTOR, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and OWNER shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, OWNER may make a Claim therefor as provided in paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or

damaged by correction, removal, or replacement of CONTRACTOR's defective Work.

D. CONTRACTOR shall not be allowed an extension of the Contract Times (or Milestones) because of any delay in the performance of the Work attributable to the exercise by OWNER of OWNER's rights and remedies under this paragraph 13.09.

ARTICLE 14 - PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 Schedule of Values

A. The schedule of values established as provided in paragraph 2.05.B.3 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to ENGINEER. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 Progress Payment

A. Applications for Payments

1. At least 20 days before the date established for each progress payment (but not more often than once a month), CONTRACTOR shall submit to ENGINEER for review an Application for Payment filled out and signed by CONTRACTOR covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that OWNER has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect OWNER's interest therein, all of which must be satisfactory to OWNER. **Refer to Supplementary Condition SC-14.02.A.1**

2. Beginning with the second Application for Payment, each Application shall include an affidavit of CONTRACTOR stating that all previous progress payments received on account of the Work have been applied on account to discharge CONTRACTOR's

legitimate obligations associated with prior Applications for Payment.

3. The amount of retainage with respect to progress payments will be stipulated in the Agreement.

B. Review of Applications.

1. ENGINEER will, within 10 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to OWNER or return the Application to CONTRACTOR indicating in writing ENGINEER's reasons for refusing to recommend payment. In the latter case, CONTRACTOR may make the necessary corrections and resubmit the Application.

2. ENGINEER's recommendation of any payment requested in an Application for Payment will constitute a representation by ENGINEER to OWNER, based on ENGINEER's observations on the Site of the executed Work as an experienced and qualified design professional and on ENGINEER's review of the Application for Payment and the accompanying date and schedules, that to the best of ENGINEER's knowledge, information and belief:

a. The Work has progressed to the point indicated;

b. The quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Contract documents, to a final determination of quantities and classifications for Unit Price Work under paragraph 9.08 and to any other qualifications stated in the recommendation); and

c. The conditions precedent to CONTRACTOR's being entitled to such payment appear to have been fulfilled in so far as it is ENGINEER's responsibility to observe the Work.

3. By recommending any such payment ENGINEER will not thereby be deemed to have represented that: (i) inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to ENGINEER in the Contract Documents; or (ii) that there may not be other matters or issues between the parties that might entitle CONTRACTOR to be paid additionally by

OWNER or entitle OWNER to withhold payment to CONTRACTOR.

4. Neither ENGINEER's review of CONTRACTOR's Work for the purposes of recommending payments nor ENGINEER's recommendation of any payment, including final payment, will impose responsibility on ENGINEER to supervise, direct, or control the Work or for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for CONTRACTOR's failure to comply with Laws and Regulations applicable to CONTRACTOR's performance of the Work. Additionally, said review or recommendation will not impose responsibility on ENGINEER to make any examination to ascertain how or for what purposes CONTRACTOR has used the moneys paid on account of the Contract Price, or to determine that title to any of the Work, materials, or equipment has passed to OWNER free and clear of any Liens.

5. ENGINEER may refuse to recommend the whole or any part of any payment if, in ENGINEER's opinion, it would be incorrect to make the representations to OWNER referred to in paragraph 14.02.B.2. ENGINEER may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in ENGINEER's opinion to protect OWNER from loss because:

a. The Work is defective, or completed Work has been damaged, requiring correction or replacement;

b. The Contract Price has been reduced by Written Amendment or Change Orders;

c. OWNER has been required to correct defective Work or complete Work in accordance with paragraph 13.09; or

d. ENGINEER has actual knowledge of the occurrence of any of the events enumerated in paragraph 15.02.A.

C. *Payment Becomes Due*

~~1. Ten days after presentation of the Application for Payment to OWNER with ENGINEER's recommendation, the amount recommended will (subject to the provisions of paragraph 14.02.D) become due, and when due will be paid by OWNER to CONTRACTOR. Refer to Supplementary Condition SC-14.02.C~~

D. *Reduction in Payment.*

1. OWNER may refuse to make payment of the full amount recommended by ENGINEER because:

a. Claims have been made against OWNER on account of CONTRACTOR's performance or furnishing of the Work;

b. Liens have been filed in connection with the Work, except where CONTRACTOR has delivered a specific Bond satisfactory to OWNER to secure the satisfaction and discharge of such Liens;

c. There are other items entitling OWNER to a set-off against the amount recommended; or

d. OWNER has actual knowledge of the occurrence of any of the events enumerated in paragraphs 14.02.B.5.a through 14.02.B.5.c or paragraph 15.02.A.

2. If OWNER refuses to make payment of the full amount recommended by ENGINEER, OWNER must give CONTRACTOR immediate written notice (with a copy to ENGINEER) stating the reasons for such action and promptly pay CONTRACTOR any amount remaining after deduction of the amount so withheld. OWNER shall promptly pay CONTRACTOR the amount so withheld, or any adjustment thereto agreed to by OWNER and CONTRACTOR, when CONTRACTOR corrects to OWNER's satisfaction the reasons for such action.

3. If it is subsequently determined that OWNER's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by paragraph 14.02.C.1. **Refer to Supplementary Condition SC-14.02.E**

14.03 CONTRACTOR'S Warranty of Title

A. CONTRACTOR warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to OWNER no later than the time of payment free and clear of all Liens.

14.04 Substantial Completion

A. When CONTRACTOR considers the entire Work ready for its intended use CONTRACTOR shall notify OWNER and ENGINEER in writing that the entire Work is substantially complete (except for items specifically listed

by CONTRACTOR as incomplete) and request that ENGINEER issue a certificate of Substantial Completion. Promptly thereafter, OWNER, CONTRACTOR, and ENGINEER shall make an inspection of the Work to determine the status of completion. If ENGINEER does not consider the Work substantially complete, ENGINEER will notify CONTRACTOR in writing giving the reasons therefor. If ENGINEER considers the Work substantially complete, ENGINEER will prepare and deliver to OWNER a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. OWNER shall have seven days after receipt of the tentative certificate during which to make written objection to ENGINEER as to any provisions of the certificate or attached list. If, after considering such objections, ENGINEER concludes that the Work is not substantially complete, ENGINEER will within 14 days after submission of the tentative certificate to OWNER notify CONTRACTOR in writing, stating the reasons therefor. If after consideration of OWNER's objections, ENGINEER considers the Work substantially complete, ENGINEER will within said 14 days execute and deliver to OWNER and CONTRACTOR a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as ENGINEER believes justified after consideration of any objections from OWNER. At the time of delivery of the tentative certificate of Substantial Completion ENGINEER will deliver to OWNER and CONTRACTOR a written recommendation to division of responsibilities pending final payment between OWNER and CONTRACTOR with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless OWNER and CONTRACTOR agree otherwise in writing and so inform ENGINEER in writing prior to ENGINEER's issuing the definitive certificate of Substantial Completion, ENGINEER's aforesaid recommendation will be binding on OWNER and CONTRACTOR until final payment.

B. OWNER shall have the right to exclude CONTRACTOR from the Site after the date of Substantial Completion, but OWNER shall allow CONTRACTOR reasonable access to complete or correct items on the tentative list.

14.05 Partial Utilization

A. Use by OWNER at OWNER's option of any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which OWNER, ENGINEER and CONTRACTOR agree constitutes a separately functioning and usable part of the Work that can be used by OWNER for its intended purpose

without significant interference with CONTRACTOR's performance of the remainder of the Work, may be accomplished prior to Substantial Completion of all the Work subject to the following conditions.

1. OWNER at any time may request CONTRACTOR in writing to permit OWNER to use any such part of the Work which OWNER believes to be ready for its intended use and substantially complete. If CONTRACTOR agrees that such part of the Work is substantially complete, CONTRACTOR will certify to OWNER and ENGINEER that such part of the Work is substantially complete and request ENGINEER to issue a certificate of Substantial Completion for that part of the Work. Within a reasonable time after either such request, OWNER, CONTRACTOR, and ENGINEER shall make an inspection of that part of the Work to determine its status of completion. If ENGINEER does not consider that part of the Work to be substantially complete, the provisions of paragraph 14.04 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.

2. No occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of paragraph 5.10 regarding property insurance.

14.06 Final Inspection

A. Upon written notice from CONTRACTOR that the entire Work or an agreed portion thereof is complete, ENGINEER will promptly make a final inspection with OWNER and CONTRACTOR and will notify CONTRACTOR in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. CONTRACTOR shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 Final Payment

A. Application for Payment

1. After CONTRACTOR has, in the opinion of ENGINEER, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, Bonds, certificates or other evidence of insurance certificates of inspection, marked-up record documents (as provided in paragraph 6.12), and other documents, CONTRACTOR may make application for

final payment following the procedure for progress payments.

2. The final Application for Payment shall be accompanied (except as previously delivered) by: (i) all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by subparagraph 5.04.B.7; (ii) consent of the surety, if any, to final payment; and (iii) complete and legally effective releases or waivers (satisfactory to OWNER) of all Lien rights arising out of or Liens filed in connection with the Work.

3. In lieu of the releases or waivers of Liens specified in paragraph 14.07.A.2 and as approved by OWNER, CONTRACTOR may furnish receipts or releases in full and an affidavit of CONTRACTOR that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which OWNER or OWNER's property might in any way be responsible have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, CONTRACTOR may furnish a Bond or other collateral satisfactory to OWNER to indemnify OWNER against any lien.

B. Review of Application and Acceptance

1. If, on the basis of ENGINEER's observation of the Work during construction and final inspection, and ENGINEER's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, ENGINEER is satisfied that the Work has been completed and CONTRACTOR's other obligations under the Contract Documents have been fulfilled, ENGINEER will, within ten days after receipt of the final Application for Payment, indicate in writing ENGINEER's recommendation of payment and present the Application for Payment to OWNER for payment. At the same time ENGINEER will also give written notice to OWNER and CONTRACTOR that the Work is acceptable subject to the provisions of paragraph 14.09. Otherwise, ENGINEER will return the Application for Payment to CONTRACTOR, indicating in writing the reasons for refusing to recommend final payment, in which case CONTRACTOR shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due

1. Thirty days after the presentation to OWNER of the Application for Payment and accompanying documentation, the amount recommended by

ENGINEER will become due and, when due, will be paid by OWNER to CONTRACTOR.

14.08 Final Completion Delayed

A. If, through no fault of CONTRACTOR, final completion of the Work is significantly delayed, and if ENGINEER so confirms, OWNER shall, upon receipt of CONTRACTOR's final Application for Payment and recommendation of ENGINEER, and without terminating the Agreement, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by OWNER for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required in paragraph 5.01, 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 CONTRACTOR to ENGINEER with the Application for 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.

14.09 Waiver of Claims

A. The making and acceptance of final payment will constitute:

1. A waiver of all Claims by OWNER against CONTRACTOR, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from CONTRACTOR's continuing obligations under the Contract Documents; and

2. A waiver of all Claims by CONTRACTOR against OWNER other than those previously made in writing which are still unsettled.

ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION

15.01 OWNER May Suspend Work

A. At any time and without cause, OWNER may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by notice in writing to CONTRACTOR and ENGINEER which will fix the date on which Work will be resumed. CONTRACTOR shall resume the Work on the date so fixed. CONTRACTOR

shall be allowed an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if CONTRACTOR makes a Claim therefor as provided in paragraph 10.05. **Refer to Supplementary Condition SC-15.01**

15.02 OWNER May Terminate for Cause

A. The occurrence of any one or more of the following events will justify termination for cause:

1. CONTRACTOR's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the progress schedule established under paragraph 2.07 as adjusted from time to time pursuant to paragraph 6.04);
2. CONTRACTOR's disregard of Laws or Regulations of any public body having jurisdiction;
3. CONTRACTOR's disregard of the authority of ENGINEER; or
4. CONTRACTOR's violation in any substantial way of any provisions of the Contract Documents.

B. If one or more of the events identified in paragraph 15.02.A occur, OWNER may, after giving CONTRACTOR (and the surety, if any) seven days written notice, terminate the services of CONTRACTOR, exclude CONTRACTOR from the Site, and take possession of the Work and of all CONTRACTOR's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent that could be used by CONTRACTOR (without liability to CONTRACTOR for trespass or conversion), incorporate in the Work all materials and equipment stored at the Site or for which OWNER had paid CONTRACTOR but which are stored elsewhere, and finish the Work as OWNER may deem expedient. In such case, CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by OWNER arising out of or relating to completing the work, such excess will be paid to CONTRACTOR. If such claims, costs, losses, and damages exceed such unpaid balance, CONTRACTOR shall pay the difference to OWNER. Such claims, costs, losses, and damages incurred by OWNER will be reviewed by ENGINEER, incorporated in a Change Order. When exercising any rights or remedies under this paragraph

OWNER shall not be required to obtain the lowest price for the Work performed.

C. Where CONTRACTOR's service have been so terminated by OWNER, the termination will not affect any rights or remedies of OWNER against CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys due CONTRACTOR by OWNER will not release CONTRACTOR from liability.

15.03 OWNER May Terminate For Convenience

A. Upon seven days written notice to CONTRACTOR and ENGINEER, OWNER may, without cause and without prejudice to any other right or remedy of OWNER, elect to terminate the Contract. In such cases, CONTRACTOR shall be paid (without duplication of any items):

1. For completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
2. For expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by Contract Documents in connection with uncompleted Work, plus fair and reasonable sums of overhead and profit on such expenses;
3. For all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
4. For reasonable expenses directly attributable to termination.

B. CONTRACTOR shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination. **Refer to Supplementary Condition SC-15.03**

15.04 CONTRACTOR May Stop Work or Terminate

A. If, through no act or fault of CONTRACTOR, the Work is suspended for more than 90 consecutive days by OWNER or under an order of court or other public authority, or ENGINEER fails to act on any Application for Payment within 30 days after it is submitted, or OWNER fails for 30 days to pay CONTRACTOR any sum finally determined to be due, then CONTRACTOR may, upon

seven days written notice to OWNER and ENGINEER, and provided OWNER or ENGINEER do not remedy such suspension or failure within that time, terminate the Contract and recover from OWNER payment on the same terms as provided in paragraph 15.03. In lieu of terminating the Contract and without prejudice to any other right or remedy, if ENGINEER has failed to act on an Application for Payment within 30 days after it is submitted, or OWNER has failed for 30 days to pay CONTRACTOR any sum finally determined to be due, CONTRACTOR may, seven days after written notice to OWNER and ENGINEER, stop the Work until payment is made of all such amounts due CONTRACTOR, including interest thereon. The provisions of this paragraph 15.04 are not intended to preclude CONTRACTOR from making a Claim under paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to CONTRACTOR's stopping the Work as permitted by this paragraph. **Refer to Supplementary Condition SC-15.04**

ARTICLE 16 - DISPUTE RESOLUTION

16.01 Methods and Procedures

A. Dispute resolution methods and procedures, if any, shall be as set forth in the Supplementary Conditions. If no method and procedure has been set forth, and subject to the provisions of paragraphs 9.09 and 10.05, OWNER and CONTRACTOR may exercise such rights or remedies as either may otherwise have under the Contract Documents or by Laws or Regulations in respect of any dispute. **Refer to Supplementary Condition SC-16.01.**

ARTICLE 17 - MISCELLANEOUS

17.01 Giving Notice

A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 Computation of Times

A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last

day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 Cumulative Remedies

A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation or, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws and Regulations, by special warranty or guarantee, or by other provisions of the contract Documents, and the provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 Survival of Obligations

A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, will survive final payment, completion, and a acceptance of the Work or termination or completion of the Agreement.

17.05 Controlling Law

A. The Contract is to be governed by the law of the state in which the Project is located.

Refer to Supplementary Condition SC-17.05

ADDENDUM 1 EXHIBIT A

SUPPLEMENTARY CONDITIONS

TO THE GENERAL CONDITIONS

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SUPPLEMENTARY CONDITIONS

These Supplementary Conditions amend or supplement the Standard General Conditions of the Construction Contract (Engineers Joint Contract Documents Committee No. 1910-8, 1996 edition) and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

GENERAL CONDITIONS

ARTICLE 1 -- DEFINITIONS AND TERMINOLOGY

SC-1.01 Defined Terms

The terms used in these Supplementary Conditions have the meanings indicated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings indicated below, which are applicable to both the singular and plural thereof.

SC-1.01.A.20 ENGINEER's Consultants

The ENGINEER's Consultants for this Project are:

Lumos & Associates, Inc.

ARTICLE 2 -- PRELIMINARY MATTERS

SC-2.02 Copies of Documents

Amend the first sentence of paragraph 2.02.A to read as follows:

OWNER shall furnish to CONTRACTOR up to two copies of the Contract Documents as are reasonably necessary for execution of the Work.

SC-2.05 Before Starting Construction

Delete paragraph 2.05C in its entirety and insert the following in its place:

C. Evidence of Insurance: Before any Work at the Site is started, CONTRACTOR shall deliver to OWNER, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance, and other evidence of insurance which OWNER or any additional insured may reasonably request, which CONTRACTOR is required to purchase and maintain in accordance with Article 5.

ARTICLE 3 -- CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

SC-3.03 Reporting and Resolving Discrepancies

Add the following new paragraph immediately after paragraph 3.03.A.1:

2. In case of discrepancy, calculated dimensions will govern over scaled dimensions, Drawings will govern over Standard Specifications, and Construction Specifications will govern over both Drawings and Standard Specifications. The CONTRACTOR shall take no advantage of any apparent error or omission in the Drawings or Construction Specifications, and the ENGINEER will be permitted to make such corrections and interpretations as may be deemed necessary to fulfill the intent of the Contract Documents.

**ARTICLE 4 -- AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS;
REFERENCE POINTS**

SC-4.01 Availability of Lands

Add the following four new paragraphs immediately after paragraph 4.01.C:

D. If corporate or private property interferes with the Work, CONTRACTOR shall notify, in writing, the owners of such property, advising them of the nature of the interference and shall arrange to cooperate with them for the protection or disposition of such property. CONTRACTOR shall furnish the ENGINEER with copies of such notifications and with copies of any agreements between the CONTRACTOR and the property owners concerning such protection or disposition.

E. CONTRACTOR shall take all necessary precautions for the protection of corporate or private property, such as walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, trees, shrubbery, crops, and fences contiguous to the work, of which the Contract does not provide for removal. CONTRACTOR shall protect and carefully preserve all official survey monuments, property marks, section markers, and Geological Survey Monuments, or other similar monuments, until OWNER, or an authorized Surveyor or agent has witnessed or otherwise referenced their location or relocation. CONTRACTOR shall notify the ENGINEER of the presence of any such survey or property monuments as soon as they are discovered.

F. CONTRACTOR shall be responsible for the damage or destruction of property of any character resulting from neglect, misconduct, or omission in its manner or method of execution or the non-execution of the work, or caused by defective work or the use of unsatisfactory materials, and such responsibility shall not be released until the work shall have been completed and accepted and the requirements of the Construction Specifications complied with.

G. Whenever public or private property is so damaged or destroyed, the CONTRACTOR shall at its own expense, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or the CONTRACTOR shall otherwise make good such damage or destruction in an acceptable manner. If the CONTRACTOR fails to do so, the ENGINEER may, after giving the CONTRACTOR notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any compensation due, or which may become due, the CONTRACTOR under its Contract.

SC-4.02 Subsurface and Physical Conditions

Add the following two new paragraphs immediately after paragraph 4.02.B.3:

C. In preparation of the drawings and specifications, Engineer relied upon the following reports of explorations and tests of subsurface conditions at the site:

1. None.

- D. Copies of reports and drawings itemized in SC-4.02.C are not included in the bidding documents, but may be examined at JWA Consulting Engineers, Inc., 308 Dorla Court, Suite 201, Zephyr Cove, NV 89448, during regular business hours. These reports and drawings are not part of the Contract Documents. CONTRACTOR is not entitled to rely upon other information and data utilized by ENGINEER and ENGINEER's Consultants in the preparation of Drawings and Specifications.

SC-4.04 Underground Facilities

Add the following new paragraphs immediately after paragraph 4.04.B.2:

- C. CONTRACTOR shall notify the following underground utility locating service at least two full working days prior to beginning underground work: Underground Services Alert, (800) 227-2600.

1. A list of the major public utilities servicing the work area follows. The list indicates the name and telephone number of the responsible authority of the various utilities which should be notified if conflicts or emergencies arise during the progress of the work.

NV Energy
Jim Cain
P.O. Box 10111
Minden, NV 89520
Office (775) 834-7876
Mobile (775) 843-1950
jcain@nvenergy.com

Minden Gardnerville Sanitation District
P.O. Box 568
Minden, NV 89423
(775) 782-3546

Frontier Communciations
Corey Bolton
1520 Church Street
Gardnerville, NV 89410
Office (775) 782-0969
Mobile (775) 781-2325
corey.bolton@ftr.com

Gardnerville Water Company
1394 Highway 395 North
Gardnerville, NV 89410
(775) 782-2339

Southwest Gas Corporation
Amanda Rarcucci
P.O. Box 1190
Carson City, NV 89702
Office (775) 887-2871
Mobile (775) 430-0723
SWG Emergency (800) 772-4555
amarcucci@swgas.com

Charter Communications
Elias Ruiz
9335 Prototype Drive
Reno, NV 89521
(775) 850-1290
(775) 350-1290

2. At points where the CONTRACTOR's operations are adjacent to public and private utilities, CONTRACTOR shall not commence work until CONTRACTOR has made all arrangements necessary for the protection of utilities.

3. CONTRACTOR shall coordinate and cooperate with the owners of any underground or overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner, that duplication of rearrangement work may be reduced to a minimum, and that services rendered by those parties will not be unnecessarily interrupted.

ARTICLE 5 -- BONDS AND INSURANCE

SC-5.02 Licensed Sureties and Insurers

Add the following new paragraph immediately after paragraph 5.02.A:

B. All Sureties and Insurance Companies shall be authorized to do business in the State of Nevada and shall have an A.M. Best rating of "A (FSC-VIII)" or better. In the event that the Insurer fails to maintain an A.M. Best rating of "A (FSC-VIII)" or better, the CONTRACTOR shall immediately retain a Surety which does meet the above requirements.

SC-5.04.B.2 CONTRACTOR'S Liability Insurance

Delete paragraph 5.04.B.2 and insert the following in its place:

2. provide coverage for not less than the following amounts or greater where required by Laws and Regulations.

Liability	\$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate
Property Damage	\$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate

SC-5.04.C CONTRACTOR'S Liability Insurance

Add the following two new paragraphs immediately after paragraph 5.04.B.7:

C. CONTRACTOR agrees to maintain required workers compensation coverage throughout the entire term of the contract. If CONTRACTOR does not maintain coverage throughout the entire term of the contract, CONTRACTOR agrees that County may, at any time the coverage is not maintained by CONTRACTOR, order the CONTRACTOR to stop work, suspend the contract, or terminate the contract. CONTRACTOR further agrees, if applicable (and CONTRACTOR bears the sole responsibility for producing proof satisfactory to the County that these provisions are not applicable to CONTRACTOR), as a precondition to the performance of any work under this contract and as a precondition to any obligation of the County to make any payment under this contract to provide the County with a certificate of a qualified insurer in accordance with NRS 616B.627 certifying that the CONTRACTOR has complied with the provisions of chapters 616A to 626D of NRS.

D. The comprehensive general liability insurance will include as additional named insureds the Town of Gardnerville, and each of their officers, agents and employees.

SC-5.06.A Property Insurance

Delete paragraph 5.06.A, and paragraphs 5.06.A.1 through 5.06.A.7 in their entirety and insert the following in their place:

A. A CONTRACTOR must purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost of the Work. This insurance shall:

1. include the interests of OWNER, CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, partners, employees, agents and other consultants and subcontractors of any of them each of whom is deemed to have an insurable interest and shall be listed as an insured or additional insured;
2. be written on a Builder's Risk "all-risk" or open peril or special causes of loss policy form that shall at least include insurance for physical loss and damage to the Work, temporary buildings, falsework, and materials and equipment in transit and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of laws and regulations, water damage, and any other perils or causes of loss that may be specifically required by the Supplementary Conditions.
3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);
4. cover materials and equipment stored at the Site or at another location that was agreed to in writing by OWNER prior to being incorporated in the Work, provided that the materials and equipment have been included in an application for payment recommended by ENGINEER; and
5. allow for partial utilization of the Work by OWNER;
6. include testing and startup; and
7. be maintained in effect until final payment is made unless otherwise agreed to in writing by OWNER, CONTRACTOR and ENGINEER with 30 days written notice to each other additional insured to whom a certificate of insurance has been issued.

SC-5.06.B Property Insurance

Delete paragraph 5.06.B in its entirety and insert the following in its place:

B. CONTRACTOR shall be responsible for any deductible or self-insured retention. The risk of loss within the identified deductible amount will be borne by CONTRACTOR, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense. OWNER shall not be responsible for purchasing and maintaining any property insurance specified in this paragraph 5.06 to protect the interests of CONTRACTOR, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions.

SC-5.06.C Property Insurance

Delete paragraph 5.06.C in its entirety and insert the following in its place:

C. All the policies of insurance (and the certificates or other evidence of the policy) required to be purchased and maintained in accordance with paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days after written notice has been given to OWNER and CONTRACTOR and to each other additional insured to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with paragraph 5.07.

SC-5.06.D Property Insurance

Delete paragraph 5.06.D in its entirety.

SC-5.06.E Property Insurance

Delete paragraph 5.06.E in its entirety.

SC-5.07.A Waiver of Rights

Delete paragraph 5.07.A in its entirety and insert the following in its place:

A. OWNER and CONTRACTOR intend that all policies purchased in accordance with paragraph 5.06 will protect OWNER, CONTRACTOR, Subcontractors, ENGINEER, ENGINEER's Consultants, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or additional insureds (and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered by the policy. All policies must contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insureds thereunder. OWNER and CONTRACTOR waive all rights against each other and their respective officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors, ENGINEER, ENGINEER's Consultants, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or additional insureds (and the officers, directors, partners, employees, agents, and other consultants and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by OWNER as trustee or otherwise payable under any policy so issued.

SC-5.08.A Receipt and Application of Insurance Proceeds

Delete paragraph 5.08.A in its entirety.

SC-5.08.B Receipt and Application of Insurance Proceeds

Delete paragraph 5.08.B in its entirety.

SC-5.09.A Acceptance of Bonds and Insurance; Option to Replace

Delete paragraph 5.09.A in its entirety and insert the following in its place:

A. If OWNER has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchase and maintained by CONTRACTOR in accordance with Article 5 on

the basis of non-conformance with the Contract Documents, the OWNER shall so notify the CONTRACTOR in writing within ten days after receipt of the certificates, or other evidence requested, required by paragraph 2.05.C. CONTRACTOR shall provide such additional information with respect to the insurance provided as the OWNER may reasonably request. If CONTRACTOR does not purchase or maintain all of the bonds and insurance required of CONTRACTOR by the Contract Documents, OWNER shall notify CONTRACTOR in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, OWNER may elect to obtain equivalent bonds or insurance to protect OWNER's interest at the expense of the CONTRACTOR who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

ARTICLE 6 -- CONTRACTOR'S RESPONSIBILITY

SC-6.08 Permits

Add the following new paragraph immediately after paragraph 6.08.A:

The CONTRACTOR is responsible for obtaining all permits. The CONTRACTOR is responsible for paying all associated application and permits fees for this project.

CONTRACTOR shall comply with all permit conditions and requirements.

SC-6.09 Laws and Regulations

Add the following new paragraphs immediately after paragraph 6.09.C:

D. CONTRACTOR shall comply with the requirements of Nevada Revised Statute (NRS) 338, with regard to performance of public work.

1. Subsection 338.013- Reports to Labor Commissioner: The OWNER will report its award to the Labor Commissioner within ten (10) days after the award. The report shall contain the name and address of the CONTRACTOR to whom the OWNER awarded the contract and the identifying number for the public work. Each CONTRACTOR engaged on the Project shall report to the Labor Commissioner and the OWNER the name and address of each subcontractor whom he engages for work on the Project within ten (10) days after the subcontractor commences work on the Contract and the identifying number for the public work. The OWNER will report the completion of all work performed under the Contract to the Labor Commissioner before the final payment of money due the CONTRACTOR by the OWNER.

E. CONTRACTOR shall comply with all provisions of Nevada Revised Statute (NRS) chapter 338 and all regulations promulgated under this statute. Copies of the "Douglas County Prevailing Wage Rates for Public Works", as determined by the Labor Commissioner of the State of Nevada are available for inspection at the Douglas County Community Development Department, Room 202, 1594 Esmeralda Avenue, Minden, Nevada, 89423. A copy of the "Douglas County Prevailing Wage Rates for Public Works", as determined by the Labor Commissioner of the State of Nevada is also included in the Exhibits. If CONTRACTOR fails to pay prevailing wages in accordance with NRS chapter 338 or fails to report each workman required by NRS 338.070, the CONTRACTOR shall forfeit an amount as determined by the labor commissioner, in accordance with NRS section 338.060 and NRS section 338.070. In the event the CONTRACTOR fails to pay the OWNER the specified amount in accordance with NRS Section 338.060, after investigation by the awarding body or its agents, within 30 days of CONTRACTOR being notified, the Owner may deduct the amount assessed from the CONTRACTOR'S progress or final payment

or retention withheld. The Owner may without investigation, withhold, retain, or forfeit amounts, from the final payment. In accordance with NRS section 338.020(1)(b), the hourly and daily rate of wages to be paid each class of mechanics and workmen must be posted on the project site in a place generally visible to the employees. The CONTRACTOR shall collect from subcontractors and ensure receipt of a certified copy of CONTRACTOR and all subcontractor monthly payrolls by OWNER no later than 10 days after the end of the month. Failure by the CONTRACTOR or subcontractors to pay prevailing wages required by this contract or to report each worker employed on the public work is a violation of laws and regulations. If the OWNER investigates and determines that the CONTRACTOR or subcontractors failed to pay the required prevailing wages or to report each worker employed on the public work, the CONTRACTOR shall be liable, through withholding of payments, for amounts determined to be owed, including investigative fees. Investigative fees include all administrative costs incident to such investigation and determination. These costs include personnel, travel, communication, supplies, equipment and any other direct costs actually incurred by the OWNER.

F. Subsection 338.050- Contractual Relationships: Every worker employed by the CONTRACTOR or subcontractor shall be subject to all the provisions of NRS 338.010 to 338.090, inclusive, regardless of any contractual relationship alleged to exist between the CONTRACTOR and subcontractor and such workers.

G. Section 338.125- Fair Employment Practices: In connection with the performance of work under this contract, the contractor agrees not to discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, sexual orientation or age, including, without limitation, with regard to 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, without limitation, apprenticeship.

1. The CONTRACTOR further agrees to insert this provision in all subcontracts hereunder, except subcontracts for standard commercial supplies or raw materials.

2. Any violation of such provision by the CONTRACTOR constitutes a material breach of contract.

3. As used in this section, "sexual orientation" means having or being perceived as having an orientation for heterosexuality, homosexuality or bisexuality.

H. Subsection 338.130- Preferential Employment: Employment preference must be given, the qualifications of the applicants being equal: (a) First: To persons who: (1) Have been honorably discharged from the Army, Navy, Air Force, Marine Corps or Coast Guard of the United States, a reserve component thereof or the National Guard; and, (2) Are citizens of the State of Nevada. (b) Second: To other citizens of the State of Nevada.

1. If the provisions of this section are not complied with by the CONTRACTOR, the Contract shall be void, and any failure or refusal to comply with any of the provisions of this section shall render any such Contract void.

I. Workers Compensation Coverage.

1. CONTRACTOR agrees as a precondition to the performance of any work under this contract and as a precondition to any obligation of the OWNER to make any payment under this contract to provide the OWNER with a certificate of a qualified insurer in accordance with NRS 616B.627 certifying that the CONTRACTOR has complied with the provisions of chapters 616A to 626D of NRS. CONTRACTOR also agrees, if applicable and before commencing any work under the contract, to complete and to provide the following written request to its insurer:

(Company Name) has entered into a contract with Town of Gardnerville to perform work from (starting date) to (ending date) and requests that the Insurer provide to Town of Gardnerville 1) a certificate of coverage issued pursuant to NRS 616B.627 and 2) notice of any lapse in coverage or nonpayment of coverage that the CONTRACTOR is required to maintain. The certificate and notice should be mailed to:

Thomas Dallaire., Town Manager
Town of Gardnerville
1407 US Highway 395 North
Gardnerville, NV 89410

2. CONTRACTOR agrees to maintain required workers compensation coverage throughout the entire term of the contract. If CONTRACTOR does not maintain coverage throughout the entire term of the contract, CONTRACTOR agrees that OWNER may, at any time the coverage is not maintained by CONTRACTOR, order the CONTRACTOR to stop work, suspend the contract, or terminate the contract. For each six month period this contract is in effect, CONTRACTOR agrees, prior to the expiration of the six month period, to provide another written request to its insurer for the provision of a certificate and notice of lapse in or nonpayment of coverage. If CONTRACTOR does not make the request or does not provide the certificate before the expiration of the six month period, CONTRACTOR agrees that OWNER may order the CONTRACTOR to stop work, suspend the contract, or terminate the contract.

J. NRS 338.141 Subcontractors: Name and Description of Work. The statues of NRS 338.141 shall apply. To be deemed a responsive bid, the list of subcontractor form must be submitted even if no subcontractors are required to be listed. NRS 338.141 follows:

1. Except as otherwise provided in NRS 338.1727, each bid submitted to any officer, department, board or commission for the construction of any public work or improvement must include:

(a) The name of each subcontractor who will provide labor or a portion of the work or improvement to the CONTRACTOR for which he will be paid an amount exceeding 5 percent of the prime CONTRACTOR's total bid. Within 2 hours after the completion of the opening of the bids, the general contractors who submitted the three lowest bids must submit a list containing the name of each subcontractor who will provide labor or a portion of the work or improvement to the CONTRACTOR for which he will be paid an amount exceeding 1 percent of the prime CONTRACTOR's total bid or \$50,000, whichever is greater, and the number of the license issued to the subcontractor pursuant to chapter 624 of NRS. If a general CONTRACTOR fails to submit such a list within the required time, his bid shall be deemed not responsive.

(b) A description of the portion of the work or improvement which each subcontractor named in the bid will complete.

2. The CONTRACTOR shall list in his bid pursuant to subsection 1 the name of a subcontractor for each portion of the project that will be completed by a subcontractor.

3. Except as otherwise provided in this subsection, if a CONTRACTOR:

(a) Fails to submit the list within the required time; or,

(b) Submits a list that includes the name of a subcontractor who, at the time of the submission of the list, is on disqualified status with the State Public Works Board pursuant to NRS 338.1376,

the CONTRACTOR's bid shall be deemed not responsive. A CONTRACTOR's bid shall not be deemed not responsive on the grounds that the CONTRACTOR submitted a list that includes the name of a subcontractor who, at the time of the submission of the list, is on disqualified status with the State Public Works Board pursuant to NRS 338.1376 if the contractor, before the award of the contract, provides an acceptable replacement subcontractor in the manner set forth in subsection 1 or 2 of NRS 338.13895.

4. A CONTRACTOR whose bid is accepted shall not substitute any person for a subcontractor who is named in the bid, unless:

(a) The awarding authority objects to the subcontractor, requests in writing a change in the subcontractor and pays any increase in costs resulting from the change; or

(b) The substitution is approved by the awarding authority and:

(1) The subcontractor, after having a reasonable opportunity, fails or refuses to execute a written contract with the CONTRACTOR which was offered to the subcontractor with the same terms that all other subcontractors on the project were offered;

(2) The named subcontractor files for bankruptcy or becomes insolvent;

(3) The named subcontractor fails or refuses to perform his subcontract within a reasonable time or is unable to furnish a performance bond and payment bond pursuant to NRS 339.025; or,

(4) The named subcontractor is not properly licensed to provide that labor or portion of the work.

K. NRS 338.147 Award of Contract; Determination of Best Bid. The statutes of NRS 338.147 shall apply. NRS 338.147 states:

1. Except as otherwise provided in subsection 10 and NRS 338.143, 338.1442 and 338.1446, a local government or its authorized representative shall award a contract for a public work for which the estimated cost exceeds \$250,000 to the contractor who submits the best bid.

2. Except as otherwise provided in subsection 10 or limited by subsection 11, the lowest bid that is:

(a) Submitted by a contractor who:

(1) Has been found to be a responsible and responsive contractor by the local government or its authorized representative; and

(2) At the time he submits his bid, has a valid certificate of eligibility to receive a preference in bidding on public works issued to the contractor by the State Contractors' Board pursuant to subsection 3 or 4; and

(b) Not more than 5 percent higher than the bid submitted by the lowest responsive and responsible bidder who does not have, at the time he submits the bid, a valid certificate of eligibility to receive a preference in bidding on public works issued to him by the State Contractors' Board pursuant to subsection 3 or 4,

shall be deemed to be the best bid for the purposes of this section.

3. The State Contractors' Board shall issue a certificate of eligibility to receive a preference in bidding on public works to a general contractor who is licensed pursuant to the provisions of chapter 624 of NRS and submits to the Board an affidavit from a certified public accountant setting forth that the general contractor has, while licensed as a general contractor in this State:

(a) Paid directly, on his own behalf:

(1) The sales and use taxes imposed pursuant to chapters 372, 374 and 377 of NRS on materials used for construction in this State, including, without limitation, construction that is undertaken or carried out on land within the boundaries of this State that is managed by the Federal Government or is on an Indian reservation or Indian colony, of not less than \$5,000 for each consecutive 12-month period for 60 months immediately preceding the submission of the affidavit from the certified public accountant;

(2) The governmental services tax imposed pursuant to chapter 371 of NRS on the vehicles used in the operation of his business in this State of not less than \$5,000 for each consecutive 12-month period for 60 months immediately preceding the submission of the affidavit from the certified public accountant; or,

(3) Any combination of such sales and use taxes and governmental services tax; or

(b) Acquired, by purchase, inheritance, gift or transfer through a stock option plan, all the assets and liabilities of a viable, operating construction firm that possesses a:

(1) License as a general contractor pursuant to the provisions of chapter 624 of NRS; and

(2) Certificate of eligibility to receive a preference in bidding on public works.

4. The State Contractors' Board shall issue a certificate of eligibility to receive a preference in bidding on public works to a specialty contractor who is licensed pursuant to the provisions of chapter 624 of NRS and submits to the Board an affidavit from a certified public accountant setting forth that the specialty contractor has, while licensed as a specialty contractor in this State:

(a) Paid directly, on his own behalf:

(1) The sales and use taxes pursuant to chapters 372, 374 and 377 of NRS on materials used for construction in this State, including, without limitation, construction that is undertaken or carried out on land within the boundaries of this State that is managed by the Federal Government or is on an Indian reservation or Indian colony, of not less than \$5,000 for each consecutive 12-month period for 60 months immediately preceding the submission of the affidavit from the certified public accountant;

(2) The governmental services tax imposed pursuant to chapter 371 of NRS on the vehicles used in the operation of his business in this State of not less than \$5,000 for each consecutive 12-month period for 60 months immediately preceding the submission of the affidavit from the certified public accountant; or

(3) Any combination of such sales and use taxes and governmental services tax; or

(b) Acquired, by purchase, inheritance, gift or transfer through a stock option plan, all the assets and liabilities of a viable, operating construction firm that possesses a:

(1) License as a specialty contractor pursuant to the provisions of chapter 624 of NRS; and

(2) Certificate of eligibility to receive a preference in bidding on public works.

5. For the purposes of complying with the requirements set forth in paragraph (a) of subsection 3 and paragraph (a) of subsection 4, a contractor shall be deemed to have paid:

(a) Sales and use taxes and governmental services taxes paid in this State by an affiliate or parent company of the contractor, if the affiliate or parent company is also a general contractor or specialty contractor, as applicable; and

(b) Sales and use taxes paid in this State by a joint venture in which the contractor is a participant, in proportion to the amount of interest the contractor has in the joint venture.

6. A contractor who has received a certificate of eligibility to receive a preference in bidding on public works from the State Contractors' Board pursuant to subsection 3 or 4 shall, at the time for the annual renewal of his contractor's license pursuant to NRS 624.283, submit to the Board an affidavit from a certified public accountant setting forth that the contractor has, during the immediately preceding 12 months, paid the taxes required pursuant to paragraph (a) of subsection 3 or paragraph (a) of subsection 4, as applicable, to maintain his eligibility to hold such a certificate.

7. A contractor who fails to submit an affidavit to the Board pursuant to subsection 6 ceases to be eligible to receive a preference in bidding on public works unless he reapplies for and receives a certificate of eligibility pursuant to subsection 3 or 4, as applicable.

8. If a contractor holds more than one contractor's license, he must submit a separate application for each license pursuant to which he wishes to qualify for a preference in bidding. Upon issuance, the certificate of eligibility to receive a preference in bidding on public works becomes part of the contractor's license for which the contractor submitted the application.

9. If a contractor who applies to the State Contractors' Board for a certificate of eligibility to receive a preference in bidding on public works submits false information to the Board regarding the required payment of taxes, the contractor is not eligible to receive a preference in bidding on public works for a period of 5 years after the date on which the Board becomes aware of the submission of the false information.

10. If any federal statute or regulation precludes the granting of federal assistance or reduces the amount of that assistance for a particular public work because of the provisions of subsection 2, those provisions do not apply insofar as their application would preclude or reduce federal assistance for that work.

11. If a bid is submitted by two or more contractors as a joint venture or by one of them as a joint venture, the bid may be deemed a best bid only if both or all of the joint venturers separately meet the requirements of subsection 2.

12. The State Contractors' Board shall adopt regulations and may assess reasonable fees relating to the certification of contractors for a preference in bidding on public works.

13. A person or entity who believes that a contractor wrongfully holds a certificate of eligibility to receive a preference in bidding on public works may challenge the validity of the certificate by filing a written objection with the local government to which the contractor has submitted a bid on a contract for the construction of a public work. A written objection authorized pursuant to this subsection must:

(a) Set forth proof or substantiating evidence to support the belief of the person or entity that the contractor wrongfully holds a certificate of eligibility to receive a preference in bidding on public works; and

(b) Be filed with the local government not later than 3 business days after the opening of the bids by the local government or its authorized representative.

14. If a local government receives a written objection pursuant to subsection 13, the local government shall determine whether the objection is accompanied by the proof or substantiating evidence required pursuant to paragraph (a) of that subsection. If the local government determines that the objection is not accompanied by the required proof or substantiating evidence, the local government shall dismiss the objection and the local government or its authorized representative may proceed immediately to award the contract. If the local government determines that the objection is accompanied by the required proof or substantiating evidence, the local government shall determine whether the contractor qualifies for the certificate pursuant to the provisions of this section and the local government or its authorized representative may proceed to award the contract accordingly.

L. Hourly rate for vehicle and services of driver: Per NAC 338.135, where a truck or truck and trailer combination is rented or leased after April 22, 1969, by a CONTRACTOR or subcontractor on a public work, the hourly rate for the rental or lease of such truck or truck and trailer combination shall, when added to the prevailing rate of wages required by NRS 338.020 for the driver, not be less than the hourly rate for similar vehicles with a driver as such hourly rate appears in freight tariffs approved by the public service commission of Nevada for the area in which the public work is located.

M. Historic Preservation. The CONTRACTOR's attention is directed to the following sections of the NRS concerning historic preservation:

1. 383.121 Intergovernmental cooperation required.

(a) All departments, commissions, boards and other agencies of the state and its political subdivisions shall cooperate with the office in order to salvage or preserve historic, prehistoric or paleoenvironmental evidence located on property owned or controlled by the United States, the State of Nevada or its political subdivisions.

(b) When any agency of the state or its political subdivisions is preparing or has contracted to excavate or perform work of any kind on property owned or controlled by the United States, the State of Nevada or its political subdivisions which may endanger historic, prehistoric or paleoenvironmental evidence found on the property, or when any artifact, site or other historic or prehistoric evidence is discovered in the course of such excavation or work, the agency or the CONTRACTOR hired by the agency shall notify the office and cooperate with the office to the fullest extent practicable, within the appropriations available to the agency or political subdivision for that purpose, to preserve or permit study of such evidence before its destruction, displacement or removal.

(c) The provisions of this section must be made known to all private contractors performing such excavation or work for any agency of the state or its political subdivisions.

2. 383.170 Procedure upon discovery of Indian burial site; permissible excavation.

(a) A person who disturbs the cairn or grave of a native Indian through inadvertence while engaged in a lawful activity such as construction, mining, logging or farming and any other person who discovers the cairn or grave of a native Indian shall immediately report the discovery and the location of the Indian burial site to the division. The division shall immediately consult with the Nevada Indian commission and notify the appropriate Indian tribe. The Indian tribe may, with the permission of the landowner, inspect the site and recommend an appropriate means for the treatment and disposition of the site and all artifacts and human remains associated with the site.

(b) If the Indian burial site is located on private land and:

(1) The Indian tribe fails to make a recommendation within 48 hours after it receives notification pursuant to subsection 1; or

(2) The landowner rejects the recommendation and mediation conducted pursuant to NRS 383.160 fails to provide measures acceptable to the landowner, the landowner shall, at this own expense, reinter with appropriate dignity all artifacts and human remains associated with the site in a location not subject to further disturbance.

(c) If the Indian burial site is located on public land and action is necessary to protect the burial site from immediate destruction, the division may cause a professional archeologist to excavate the site and remove all artifacts and human remains associated with the site for subsequent reinterment, following scientific study, under the supervision of the Indian tribe.

(d) Any other excavation of an Indian burial site may be conducted only:

(1) By a professional archeologist;

(2) After written notification to the administrator; and

(3) With the prior written consent of the appropriate Indian tribe. Failure of a tribe to respond to a request for permission within 60 days after its mailing by certified mail, return receipt requested, shall be deemed consent to the excavation.

All artifacts and human remains removed during such an excavation must, following scientific study, be reinterred under the supervision of the Indian tribe, except that the Indian tribe may, by explicit written consent, authorize the public display of a particular artifact. The archeologist, Indian tribe and landowner shall negotiate an agreement to determine who will pay the expenses related to the interment.

N. If blasting or use of explosives is necessary for prosecution of Work, the CONTRACTOR shall provide the ENGINEER with a blasting plan in compliance with OSHA, State, County and local regulations, laws, ordinances, and requirements. CONTRACTOR shall exercise the utmost care not to endanger life or property. CONTRACTOR shall be responsible for all damage resulting from the use of explosives. CONTRACTOR shall notify each property owner and utility company having structures or facilities in proximity to the site of the work of its intentions to use explosives. Such notice shall be given

sufficiently in advance to enable the utility companies to take such steps as they may deem necessary to protect their property from injury.

SC-6.12.B Record Documents

Add the following new paragraphs immediately after paragraph 6.12.A:

B. CONTRACTOR shall mark up one set of paper prints to show the As-built conditions. They shall include all the information shown on the Contract Drawings and a record of all deviations, modifications, or changes from those Drawings, however minor, which were incorporated in the Work, all additional work not appearing on the Contract Drawings and all changes which are made after final inspection of the Contract Work. These As-built marked prints shall be kept current and available on the job site at all times. All changes from the Contract Drawings which are made in the Work or additional information which might be uncovered in the course of construction shall be accurately and neatly recorded as they occur by means of details and notes. No construction work shall be concealed until it has been inspected, approved, and recorded. The As-built marked prints will be jointly inspected for accuracy and completeness by the ENGINEER'S representative and a responsible representative of the CONTRACTOR prior to submission of the monthly pay estimate. Failure to keep the As-built marked prints on a current basis shall be sufficient justification to suspend pay estimates. The drawings shall show the following information, but not be limited to:

1. The location of any utility lines or other installations of any kind or description known to exist within the construction area. The location includes dimensions of permanent features.
2. The location and identification of all surface installations within 100 feet of the construction work.
3. The location and dimensions of any changes within the building or structure.
4. Correct grade or alignment of roads, structures, or utilities if any changes were made from Contract Drawings.
5. Correct elevations if changes were made in site grading.
6. Changes in details or design or additional information obtained from working drawings specified to be prepared or furnished by the CONTRACTOR including but not limited to fabrication, erection, installation plans and placing details, pipe sizes, insulation material, dimensions or equipment foundations, etc.
7. The topography and grades of all drainage installed or affected as a part of the Work.
8. All changes or modifications which result from the final inspection.

The As-built marked prints shall be delivered to the ENGINEER at the time of final inspection for ENGINEER's review and approval. All approval and acceptance of As-built drawings shall be accomplished before final payment is made to the CONTRACTOR.

SC-6.13 Safety and Protection

Add the following new paragraphs immediately after paragraph 6.13.B:

C. The CONTRACTOR shall at all times during construction provide for public access by permitting traffic to pass through the construction area as specified herein. The CONTRACTOR shall refer to the appropriate sections of the Nevada Department of Transportation (NDOT) "Standard Specifications

for Road and Bridge Construction,” for traffic control provisions. This document is incorporated herein by reference. Copies may be examined at the office of the Town of Gardnerville, 1407 Highway 395 N, Gardnerville, Nevada during regular business hours.

1. It is the intention of this section to set forth the basic provisions for traffic control in the work area and the CONTRACTOR shall note that nothing in these Supplementary Conditions shall be construed as relieving the CONTRACTOR from his responsibility as provided in said NDOT Standard Specifications or as required by the NDOT Occupancy Permit.

2. In addition, the CONTRACTOR shall, within or adjacent to the limits of the work, supplement additional warning and directional signs if requested by the ENGINEER.

3. The CONTRACTOR, at his own expense, shall furnish and maintain all lights, signs, barricades or other devices necessary for the protection of public traffic.

4. In addition, the CONTRACTOR shall at all times during construction and non-construction hours be responsible for installation and maintenance of all traffic control devices necessary for the protection of public traffic, providing flaggers as necessary, scheduling and expediting the work to cause the least inconvenience to the public, and patrolling the work area as required to insure that all devices are in place, clean and properly displayed at all times.

5. Night flaggers shall wear reflectorized material and the flagger stations shall be illuminated so that the flaggers can be seen by the public traffic being controlled. Additionally, all traffic control devices shall be reflectorized.

6. The CONTRACTOR's vehicles shall be parked as far off the edge of the pavement as possible to insure the safe passage of public traffic.

7. All costs associated with accommodating public traffic, furnishing flaggers, installing, maintaining and removing signs, barricades and other facilities for the safety and direction of public traffic through and around the Project site shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed.

D. Occupational Safety and Health Standards: CONTRACTOR's methods of construction and safety requirements, including but not limited to trench excavation and shoring where applicable, shall conform to the requirements of the Occupational Safety and Health Standards for the Construction Industry. The document entitled "State of Nevada Occupational Safety and Health Standards for the Construction Industry" (29 CFR PART 1926) with Amendments as of February 1, 1998, including 29 CFR part 1910 General Industry Safety and Health Standards Applicable to Construction, is not attached to the Contract Documents. Said requirements as identified and established above are incorporated herein by reference. Copies may be obtained at the Industrial Relations Department, Division of Occupational Safety and Health, 1390 South Curry Street, Carson City, Nevada. Copies may be examined at the office of Douglas County Community Development at 1594 Esmeralda Ave, Minden, Nevada, 8:00 AM to 4:00 PM except on holidays.

E. Power Lines: No equipment of any kind shall be used or permitted within such proximity to the conductors of Sierra Pacific Power Company's power lines as to be in violation of the safe working clearance prescribed by the National Electrical Safety Code.

F. Protection of Utilities: The CONTRACTOR shall verify all utility locations prior to the start of construction. This shall include, but not necessarily limited to: irrigation and drainage ditches, culverts, water lines, sewer lines, telephone cables, cable television, gas lines and electric lines. Prior to the start of construction the CONTRACTOR shall call USA DIGS at 1-800-227-2600 (two full working days notice required). The failure of any utility to subscribe to DIGS shall not relieve the CONTRACTOR from the responsibility of protection of that utility on the site. Any physical structure (i.e. curbs, sidewalks,

paving, buildings, landscape improvements, utilities, etc., damaged by the CONTRACTOR shall be repaired or replaced in a condition equal to or better than the condition prior to the damage. Such repair or replacement shall be accomplished at the CONTRACTOR's expense without additional compensation from the OWNER.

SC-6.17.A Shop Drawings and Samples

Add the following paragraphs immediately after paragraph 6.17.A:

1. Two copies of all shop and working Drawings shall be submitted to the ENGINEER by or through the CONTRACTOR, who shall be responsible for obtaining shop and working Drawings from its subcontractors and returning approved Drawings to them. All Drawings shall be clearly marked with the names of the Project, CONTRACTOR, and building, equipment or structure to which the drawing applies, and shall be suitably numbered. Each shipment of Drawings shall be accompanied by a letter of transmittal giving a list of the drawing numbers and the names mentioned above. After review, two Drawings will be returned to the CONTRACTOR. If the CONTRACTOR wishes extra copies to be returned, he shall submit additional copies.

2. Only Drawings which have been checked and corrected by the fabricator should be submitted to the CONTRACTOR by his subcontractors and vendors. Prior to submitting Drawings to the ENGINEER, the CONTRACTOR shall check thoroughly all such Drawings to satisfy himself that the subject matter thereof conforms to the Drawings and Specifications in all respects. All Drawings which are correct shall be marked with the date, checker's name, and indication of the CONTRACTOR's approval, and then shall be submitted to the ENGINEER; other Drawings shall be returned for correction.

3. Should the CONTRACTOR submit for approval equipment that requires modifications to the structures, piping, layout, etc., detailed on the Drawings, CONTRACTOR shall also submit for approval details of the proposed modifications. If such equipment and modifications are approved, the CONTRACTOR, at no additional cost to the OWNER, shall do all work necessary to make such modifications.

ARTICLE 9 -- ENGINEER'S STATUS DURING CONSTRUCTION

SC-9.08.A Determination for Unit Prices

Delete paragraph 9.08.A in its entirety and insert the following in its place:

ENGINEER will have authority to determine the actual quantities and classifications of items of Unit Price Work performed by CONTRACTOR, and the written decisions of ENGINEER on such matters will be final, binding on OWNER and CONTRACTOR and not subject to appeal (except as modified by ENGINEER to reflect changed factual conditions).

ARTICLE 11 -- COST OF THE WORK; CASH ALLOWANCES; UNIT PRICE WORK

SC-11.01.A.5.c Cost of the Work

Add the following language to the end of paragraph 11.01.A.5.c:

- i. Rental rates shall be determined as follows:
 - (a) The base rates shall be those established in publications and revisions thereto entitled "Rental Rate Blue Book for Construction Equipment" or the "Rental Rate Blue Book for Older Construction Equipment" as published by K-III, 1735 Technology Drive, Suite 401, San Jose, CA 95110-1313, Phone (408) 467-6700
 - (b) The hourly rate to be paid shall be the monthly rate multiplied by an average regional adjustment factor of 1.05, divided by 176, multiplied by the appropriate rate adjustment factor, plus the estimated operating cost per hour shown therein, rounded to the nearest \$0.10.
 - (c) Attachments (e.g. tractor with ripper and dozer or tractor with loader and backhoe) will be included in the hourly rental rate only when deemed essential to the work as determined the Engineer. When multiple attachments are approved for use and are being used interchangeably, the attachment having the higher rental rate shall be the only one included for payment.
 - (d) No direct payment will be made for necessary accessories (including replenishing blades, augers, teeth, hoses, bits, etc.) if not listed in the Rental Rate Blue Book.
 - (e) No compensation will be allowed for shop tools having a daily rental rate of less than \$10 as set forth in Section 18 of the Rental Rate Blue Book.
- ii. If ordered to use equipment not listed in the aforementioned publications, the Engineer will establish a rental rate for such equipment. CONTRACTOR shall furnish cost data that might assist in the establishment of such rental rate.
- iii. Payment will be made for the actual time that such equipment is in operation on the work.
- iv. Authorized standby time for idle equipment shall be paid at 50% of the specified rate, less the estimated operating cost per hour. No markup will be added for overhead and profit.
- v. Rental rate paid as above provided shall include the cost of fuel, oil, lubrication, small tools, necessary attachments, repairs and maintenance of any kind, depreciation, storage, insurance and all incidentals. CONTRACTOR shall provide the Engineer with a complete Force Account Equipment Listing (Nevada Department of Transportation Form 040-033) for each piece of equipment utilized.

SC-11.01.A.5.f Cost of the Work

Delete paragraph 11.01.A.5.f in its entirety and insert the following in its place:

f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work, provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the cost of the Work for the purpose of determining Contractor's fee.

SC-11.03.C Unit Price Work

Delete paragraph 11.03.C in its entirety and insert the following in its place:

C. The unit price of an item of Unit Price Work shall be subject to reevaluation and adjustment under the following conditions:

1. If the total cost of a particular item of Unit Price Work amounts to 10% or more of the Contract Price and the variation in the quantity of that particular item of Unit Price Work performed by CONTRACTOR differs by more than 25% from the estimated quantity of such item indicated in the Agreement; and
2. If there is no corresponding adjustment with respect to any other item of Work; and
3. If CONTRACTOR believes that CONTRACTOR has incurred additional expense as a result thereof; or if OWNER believes that the quantity variation entitles OWNER to an adjustment in the unit price, either OWNER or CONTRACTOR may make a claim for an adjustment in the Contract Price in accordance with Article 10 if the parties are unable to agree as to the effect of any such variations in the quantity of Unit Price Work performed.

ARTICLE 13 -- TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

SC-13.03.B Tests and Inspections

Add the following new paragraph immediately after paragraph 13.03.B.3:

4. That costs incurred by OWNER due to retesting, reinspection, or standby time due to unacceptable materials, or workmanship provided by the CONTRACTOR, or due to poor scheduling by the CONTRACTOR of tests of inspections, will be deducted from the payments to the CONTRACTOR. CONTRACTOR shall stop work as necessary to allow for inspections and tests by OWNER and ENGINEER.

SC-13.03.G Tests and Inspections

Add the following new paragraph immediately after paragraph 13.03.F:

G. The Owner intends to provide inspection for the project. The inspector will be available during a forty (40) hour period during the week from Monday through Friday. In the event the CONTRACTOR receives permission from the OWNER and elects to work more than forty hours during the week or more than 10 hours in one day, or on a Saturday, Sunday, or legal holiday, the CONTRACTOR shall be responsible for all inspection, engineering and testing costs incurred during that period. For all inspection and testing work performed on Saturday, Sunday, or legal holidays the minimum chargeable time shall be four (4) hours. The Owner reserves the right to deduct these inspection, engineering, and testing costs directly from the CONTRACTOR'S payments.

ARTICLE 14 -- PAYMENTS TO CONTRACTOR AND COMPLETION

SC-14.02.A.1 Application for Progress Payment

Add the following language to the end of paragraph 14.02.A.1:

Any request for partial or final payment shall specifically list the work completed. All invoices submitted to OWNER must be made on company letterhead, reference the Purchase Order Number as submitted to CONTRACTOR under the Notice to Proceed, and be in original format: OWNER will not authorize payments from carbon or Xerox copies.

SC-14.02.C Payment Becomes Due

Delete paragraph 14.02.C.1 in its entirety and insert the following in its place:

Not more than thirty days after presentation of the application for payment to OWNER with ENGINEER's recommendation, the amount recommended will become due, and when due will be paid by OWNER to CONTRACTOR.

SC-14.02.E. Progress Payments:

Add the following new paragraphs immediately after paragraph 14.02.D.3:

E. Progress payments will be made in accordance with NRS 338.515.

F. CONTRACTOR shall comply with NRS 338.550 through NRS 338.570 regarding payments made by CONTRACTOR to subcontractors and suppliers.

ARTICLE 15 -- SUSPENSION OF WORK AND TERMINATION

SC-15.01 OWNER May Suspend Work

Add the following new paragraphs immediately after paragraph 15.01.A:

B. If the performance of all or any part of the work is suspended, delayed or interrupted for an unreasonable period of time by an act of the OWNER in administration of the Contract, or by the OWNER's failure to act within the time specified in the Contract (or if no time is specified, within a reasonable time), the OWNER will make an adjustment for any increase in the cost of performance of this Contract (excluding profit) necessarily caused by such unreasonable suspension, delay or interruption and modify the Contract in writing. However, no adjustment shall be made under this clause for any suspension, delay or interruption to the extent (1) that performance would have been so suspended, delayed, or interrupted by any other cause, including the fault or negligence of the CONTRACTOR, or (2) for which an equitable adjustment is provided for or excluded under any other provision of the Contract.

C. No claim under paragraphs 15.01.A or 15.01.B shall be allowed unless the amount claimed is asserted in writing as soon as practicable after the termination of such suspension, delay or interruption, but no later than the date of application for final payment under the contract.

SC-15.03 OWNER May Terminate for Convenience

Add the following new paragraphs immediately after paragraph 15.03.B:

C. This Contract may be terminated in whole or in part in writing by the OWNER for its convenience, provided that the CONTRACTOR is given written notice (delivered by certified mail, return receipt requested) of intent to terminate, and an opportunity for consultation with the terminating party prior to termination.

D. If termination for default is effected by the OWNER, and equitable adjustment in the price provided for in this Contract shall be made, but (1) no amount shall be allowed for anticipated profit on unperformed services or other work, and (2) any payment due to the CONTRACTOR at the time of termination may be adjusted to cover any additional costs to the OWNER because of the CONTRACTOR's default. If termination for default is effected by the CONTRACTOR, or if termination for convenience is effected by the OWNER, the equitable adjustment shall include a reasonable profit for services or other work performed. The equitable adjustment for any termination shall provide for payment to the CONTRACTOR for services rendered and expenses incurred prior to the termination, in addition to termination settlement costs reasonably incurred by the CONTRACTOR relating to commitments which had become firm prior to the termination.

E. Upon receipt of a termination action under paragraphs 15.03.C or 15.03.D above, the CONTRACTOR shall (1) promptly discontinue all affected work (unless the notice directs otherwise), and (2) deliver or otherwise make available to the OWNER all data, Drawings, Specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by the CONTRACTOR in performing this Contract, whether completed or in process.

F. Upon termination under paragraphs 15.03.C or 15.03.D above, the OWNER may take over the work and may award another party a contract to complete the work under this Contract.

G. If, after termination for failure of the CONTRACTOR to fulfill contractual obligations, it is determined that the CONTRACTOR had not failed to fulfill contractual obligations, the termination shall be deemed to have been for the convenience of the OWNER. In such event, adjustment of the Contract Price shall be made as provided in paragraph 15.03.D of this clause.

SC-15.04 CONTRACTOR May Stop Work or Terminate

Add the following new paragraph immediately after paragraph 15.04.A:

B. This Contract may be terminated in whole or in part in writing by either party in the event of substantial failure by the other party to fulfill its obligations under the Contract through no fault of the terminating party, provided that no termination may be effected unless the other party is given (1) not less than ten (10) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the terminating party prior to termination.

ARTICLE 16 -- DISPUTE RESOLUTION

SC-16.01 Methods and Procedures

Add the following new paragraph immediately after paragraph 16.01.A:

B. Pursuant to NRS 388.150(1) and (2), any dispute between OWNER and CONTRACTOR, which cannot be settled otherwise, will be arbitrated in accord with arbitration rules administered by either the American Arbitration Association or the Nevada Arbitration Association. OWNER will select which arbitration rules will be used to settle these disputes.

ARTICLE 17 -- MISCELLANEOUS

SC-17.05 Controlling Law

Add the following new paragraphs immediately after paragraph 17.05:

17.06 Access To Records

A. At all times during regular business hours and as often as the State of Nevada requires, CONTRACTOR shall provide full and free access to the OWNER, ENGINEER, State of Nevada, or any of their duly authorized representatives, to any books, documents, papers, and records related to the work for the purpose of examination, audit, and duplication. The CONTRACTOR shall maintain all required accounts, records, and books for three years after final completion of the work.

17.07 Road Closures and Traffic Delays

A. Closure of roads within the project area in order to facilitate construction will not be permitted. A reduction from two lanes to one lane will be permitted providing that proper construction signage and flaggers are provided for the duration of the lane closure. Closures and traffic control shall be in accordance with Construction Specification Section 02040, "Traffic Control and Public Safety."

CONTRACTOR shall notify the OWNER 7 days in advance of any delays, and the following agencies two working days in advance of any anticipated traffic delays:

Douglas County Community Development:	(775) 782-9005
Douglas County Sheriff's Department:	(775) 782-9935
East Fork Fire Protection District:	(775) 782-6187
Douglas County School District School Bus Garage:	(775) 782-5194

17.08 Patent Rights

A. The CONTRACTOR shall notice the OWNER of any patent rights with respect to any discovery or invention which arises or is developed in the course of or under this contract.