

SPECIFICATION and CONTRACT DOCUMENTS

FOR

**HARDING AVENUE SEWER TRUNK LINE
PROJECT**



CITY OF MORGAN HILL

**MORGAN HILL, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

PREPARED BY

PUBLIC WORKS DEPARTMENT

JULY, 2015

NOTICE INVITING BIDS

- 1. Bid Information.** City of Morgan Hill (“Owner”), will accept sealed bids for its Harding Avenue Sewer Trunk Line Project (“Project”), by or before Wednesday, August 19, 2015 at 2:30 p.m., at its Development Services Center, located at 17575 Peak Avenue Morgan Hill, California, at which time the bids will be publicly opened and read aloud. Owner reserves the right to reject any and all bids and to waive any non-substantive irregularities.
- 2. Project Information.** The Project is located along Harding Avenue between California Avenue and Highland Avenue and the Scope of Work is described as follows: Installation of 30” Sewer Trunk Line along Harding Avenue between California Avenue and Highland Avenue.

The planned timeframe for commencement and completion of construction of the Project is: September 20, 2015 through December 30, 2015

The estimated construction cost is: \$1,780,000.

- 3. License and Registration Requirements.**

3.1 License. This Project requires a valid California contractor’s license for the following classification(s): A License

3.2 DIR Registration. Owner will not accept a Bid Proposal from or enter into the Contract with a bidder, without proof that the bidder and its Subcontractors are registered with the California Department of Industrial Relations (“DIR”) to perform public work under Labor Code Section 1725.5, subject to limited legal exceptions.

- 4. Contract Documents.** The plans, specifications, bid and contract documents for the Project (“Contract Documents”) may be obtained from the City of Morgan Hill, at 17575 Peak Avenue, Morgan Hill, CA, (408) 778-6480. **Contractors may obtain a copy of the Contract Documents for Twenty-Five Dollars (\$25) per set. A \$5 charge will be added for mailing by USPS. Electronic copies of the Contract Documents are available on CD for \$10.00. To download plans and specifications at no charge, register at www.publicpurchase.com.**

5. Bid Proposal and Security.

5.1 Bid Proposal Form. Each bid must be submitted using the Bid Proposal form provided with the Contract Documents.

5.2 Bid Security. Each Bid Proposal must be accompanied by bid security of ten percent of the maximum bid amount, in the form of a cashier's or certified check made payable to City of Morgan Hill, or a bid bond executed by a surety licensed to do business in the State of California on the Bid Bond form included with the Contract Documents. The bid security must guarantee that upon award of the bid, the bidder will execute the Contract and submit payment and performance bonds and insurance certificates as required by the Contract Documents within ten days after issuance of the notice of award.

6. Prevailing Wage Requirements.

6.1 General. This Project is subject to the prevailing wage requirements applicable to the locality in which the Work is to be performed for each craft, classification or type of worker needed to perform the Work, including employer payments for health and welfare, pension, vacation, apprenticeship and similar purposes.

6.2 Rates. These prevailing rates are available online at <http://www.dir.ca.gov/DLSR>. Each Contractor and Subcontractor must pay no less than the specified rates to all workers employed to work on the Project. The schedule of per diem wages is based upon a working day of eight hours. The rate for holiday and overtime work must be at least time and one-half.

6.3 Compliance. The Contract will be subject to compliance monitoring and enforcement by the California Department of Industrial Relations, under Labor Code Section 1771.4.

7. Performance and Payment Bonds. The successful bidder will be required to provide performance and payment bonds for 100% of the Contract Price.

8. Substitution of Securities. Substitution of appropriate securities in lieu of retention amounts from progress payments is permitted under Public Contract Code Section 22300.

9. Subcontractor List. Each bidder must submit the name, location of the place of business, and California contractor license number of each Subcontractor who will perform work or service or fabricate or install work for the prime contractor in excess of one-half of 1% of the bid price, using the Subcontractor List form included with the Contract Documents.

- 10. No Bid Withdrawal.** No bid may be withdrawn for a period of 60 days after the deadline for bid submission, except for material error under Public Contract Code Sections 5100 et seq.
- 11. Instructions for Bidders.** Additional and more detailed information is provided in the Instructions for Bidders, which should be carefully reviewed by all bidders before submitting a Bid Proposal.

By: Irma Torrez

Date: July 20, 2015

Publication Dates: 1) July 24, 2015

2) July 31, 2015

INSTRUCTIONS FOR BIDDERS

Each Bid Proposal submitted to City of Morgan Hill (“Owner”) for its Harding Avenue Sewer Trunk Line Project (“Project”) must be submitted in accordance with the following instructions and requirements:

- 1. Bid Submission.** Each bid (“Bid Proposal”) must be signed, sealed and submitted to the Owner, using the form provided in the Contract Documents, by or before the date and time set forth in the Notice Inviting Bids, or as amended by subsequent addendum. Faxed or emailed Bid Proposals will not be accepted, unless otherwise specified. Late submissions will be returned unopened. Owner reserves the right to postpone the date and time for receiving or opening bids. Each bidder is solely responsible for all of its costs to prepare and submit its bid and by submitting a bid waives any right to recover those costs from Owner. The bid price(s) must include all costs to perform the Work as specified, including all indirect costs such as applicable taxes, insurance and field offices. The envelope containing the sealed Bid Proposal and required attachments must be clearly labeled as follows: “Morgan Hill DSC **Attention: Bid Opening/RFP**,” followed by the Bid date and time.
- 2. Examination of Contract Documents and Project Site.** Each bidder is solely responsible for diligent and thorough review of the Contract Documents (as defined in the General Conditions), examination of Project site, and reasonable and prudent inquiry concerning known and potential site conditions prior to submitting a Bid Proposal. However, bidders should not enter onto Owner’s property or the Project site without prior written authorization from Owner. Bidders are responsible for reporting any errors or omissions in the Contract Documents to Owner prior to submitting a Bid Proposal, subject to the limitations of Public Contract Code Section 1104. Owner expressly disclaims responsibility for assumptions the bidder might draw from the presence or absence of information provided by Owner.
- 3. Requests for Information.** Questions regarding the Project, the bid procedures or any of the Contract Documents must be submitted in writing to Yat Cho at yat.cho@morganhill.ca.gov.
- 4. Addenda.** Any addenda issued prior to the bid opening shall constitute part of the Contract Documents. Subject to the limitations of Public Contract Code section 4104.5, Owner reserves the right to issue addenda prior to bid time.
- 5. Brand Designations and “Or Equal” Substitutions.** Any specification designating a material, product, thing, or service by specific brand or trade

name, followed by the words “or equal,” is intended only to indicate quality and type of item desired, and bidders may request use of any equal material, product, thing, or service. All data substantiating the proposed substitute as an “equal” item must be submitted with the written request for substitution. A request for substitution must be submitted within the time period provided in the Specifications. If no time period is specified, the substitution request may be submitted any time within 35 days after the date of award of the Contract. This provision does not apply to materials, products, things, or services that may lawfully be designated by a specific brand or trade name under Public Contract Code Section 3400(c).

6. **Bidders Interested in More Than One Bid.** No person, firm, or corporation may submit or be a party to more than one Bid Proposal unless alternate bids are specifically called for. However, a person, firm, or corporation that has submitted a subcontract proposal or quote to a bidder may submit subcontract proposals or quotes to other bidders, and may also submit a Bid Proposal as a prime contractor.
7. **Bid Proposal Form and Enclosures.** Each Bid Proposal must be completed in ink using the Bid Proposal form included in the Contract Documents. The Bid Proposal form should be fully completed without interlineations, alterations, or erasures. Any necessary corrections must be clear and legible, and must be initialed by the bidder’s authorized representative. A Bid Proposal submitted with terms such as “negotiable,” “will negotiate,” or similar, will be considered non-responsive. Each Bid Proposal must be accompanied by bid security, as set forth in Section 9 below, and by the completed Subcontractor List, and Non-Collusion Declaration using the forms included in the Contract Documents.
8. **Bidder Information.** Each Bid Proposal must be signed by the bidder’s authorized representative. Bid Proposals submitted by partnerships must be signed in the partnership name by a general partner with authority to bind the partnership. Bid Proposals submitted by corporations must be signed with the legal name of the corporation, followed by the signature and title of two officers of the corporation with full authority to bind the corporation to the terms of the Bid Proposal, under California Corporation Code section 313.
9. **Bid Security.** Each Bid Proposal must be accompanied by bid security of ten percent of the maximum bid amount, in the form of a cashier’s check, a certified check, or a bid bond, using the form included in the Contract Documents, executed by a surety licensed to do business in the State of California, made payable to Owner. The bid security must guarantee that upon award of the bid, the bidder will execute and submit the Contract on the form included in the Contract Documents, will submit payment and performance bonds for one hundred percent 100% of the maximum

Contract Price, and will submit the insurance certificates and endorsements as required by the Contract Documents within ten days after issuance of the notice of award.

10. **Withdrawal of Bid Proposals.** A Bid Proposal may not be withdrawn for a period of 60 days after the bid opening without forfeiture of the bid security, except as authorized for material error under Public Contract Code Section 5100 et seq.
11. **Bid Protest.** Any bid protest must be in writing and received by Owner at the City Attorney's Office at 17575 Peak Avenue, Morgan Hill, CA, (Fax: (408) 779-1592), before 5:00 p.m. no later than two working days following bid opening (the "Bid Protest Deadline") and must comply with the following requirements:

11.1 General. Only a bidder who has actually submitted a Bid Proposal is eligible to submit a bid protest against another bidder. Subcontractors are not eligible to submit bid protests. A bidder may not rely on the bid protest submitted by another bidder, but must timely pursue its own protest. If required by Owner, the protesting bidder must submit a non-refundable fee in the amount specified by Owner, based upon Owner's reasonable costs to administer the bid protest. Any such fee must be submitted to Owner no later than the Bid Protest Deadline, unless otherwise specified. For purposes of this Section 11, a "working day" means a day that Owner is open for normal business, and excludes weekends and holidays observed by Owner.

11.2 Protest Contents. The bid protest must contain a complete statement of the basis for the protest and all supporting documentation. Material submitted after the Bid Protest Deadline will not be considered. The protest must refer to the specific portion or portions of the Contract Documents upon which the protest is based. The protest must include the name, address, email address, and telephone number of the person representing the protesting bidder if different from the protesting bidder.

11.3 Copy to Protested Bidder. A copy of the protest and all supporting documents must be concurrently transmitted by fax or by email, by or before the Bid Protest Deadline, to the protested bidder and any other bidder who has a reasonable prospect of receiving an award depending upon the outcome of the protest.

11.4 Response to Protest. The protested bidder may submit a written response to the protest, provided the response is received by Owner before 5:00 p.m., within two working days after the Bid Protest Deadline or after actual receipt of the bid protest, whichever is sooner (the "Response Deadline"). The response must include all supporting documentation.

Material submitted after the Response Deadline will not be considered. The response must include the name, address, email address, and telephone number of the person representing the protested bidder if different from the protested bidder.

11.5 Copy to Protesting Bidder. A copy of the response and all supporting documents must be concurrently transmitted by fax or by e-mail, by or before the Bid Protest Deadline, to the protesting bidder and any other bidder who has a reasonable prospect of receiving an award depending upon the outcome of the protest.

11.6 Exclusive Remedy. The procedure and time limits set forth in this section are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. A bidder's failure to comply with these procedures will constitute a waiver of any right to further pursue a bid protest, including filing a Government Code Claim or initiation of legal proceedings.

11.7 Right to Award. Owner reserves the right to award the Contract to the bidder it has determined to be the responsible bidder submitting the lowest responsive bid, and to issue a notice to proceed with the Work notwithstanding any pending or continuing challenge to its determination.

- 12. Rejection of Bids; Award of Contract.** Owner reserves the right, acting in its sole discretion, to waive immaterial bid irregularities, the right to accept or reject any and all bids, or to abandon the Project entirely. The Contract will be awarded, if at all, within 60 calendar days after opening of bids, to the responsible bidder that submitted the lowest responsive bid.
- 13. Bonds.** The successful bidder is required to submit payment and performance bonds as specified in the Contract Documents using the bond forms included in the Contract Documents. All required bonds must be calculated on the maximum total Contract price as awarded, including additive alternates, if applicable.
- 14. Evidence of Responsibility.** Within 24 hours following a request by Owner, a bidder must submit to the Owner satisfactory evidence showing the bidder's financial resources, the bidder's experience in the type of work being required by the Owner, the bidder's organization available for the performance of the Contract and any other required evidence of the bidder's qualifications to perform the proposed Contract. The Owner may consider such evidence before making its decision awarding the proposed Contract.
- 15. License(s).** The successful bidder and its Subcontractor(s) must possess the California contractor's license(s) in the classification(s) required by law to perform the Work.

16. **Taxes.** The bid price shall include all applicable federal, state, and local taxes.
17. **Subcontract Limitation.** The successful bidder may not subcontract out more than fifty percent (50%) of the original total contract price, except that any items of work in the Engineer's Estimate designated "Specialty Items" may be performed by subcontract and the value of the work may be deducted from the original total contract price before computing the amount of work required to be performed by the Contractor's own forces. When items of work in the Engineer's Estimate are preceded by the letters (S) or (S-F), those items are designated as "Specialty Items." Where an entire item is subcontracted, the value of work subcontracted will be based on the contract item bid price. When a portion of an item is subcontracted, the value of work subcontracted will be determined by the Engineer based on the estimated percentage of the contract item bid price.
18. **Ineligible Subcontractor.** Any subcontractor who is ineligible to perform work on a public works project under Labor Code Sections 1777.1 or 1777.7 is prohibited from performing work on this Project.
19. **DIR Registration.** Owner will not accept a Bid Proposal from or enter into the Contract with a bidder, without proof that the bidder and its Subcontractors are registered with the California Department of Industrial Relations ("DIR") to perform public work under Labor Code Section 1725.5, subject to limited legal exceptions.
20. **Bid Schedule.** Bidders are required to fully complete the Bid Schedule form accompanying the Bid Proposal form with unit prices as indicated, and to submit the completed Bid Schedule with their Bid Proposal.
 - 20.1 **Incorrect Totals.** In the event of a discrepancy between the actual total of the itemized or unit prices shown on the Bid Schedule for the base bid, and the amount entered as the base bid on the Bid Proposal form, the actual total of the itemized or unit prices shown on the Bid Schedule for the base bid will be deemed the base bid price. Likewise, in the event of a discrepancy between the actual total of the itemized or unit prices shown on the Bid Schedule for any bid alternate, and the amount entered for the alternate on the Bid Proposal form, the actual total of the itemized prices shown on the Bid Schedule for that alternate will be deemed the alternate price. Nothing in this provision is intended to prevent a bidder from requesting to withdraw its bid for material error under Public Contract Code Section 5100 et seq.
 - 20.2 **Estimated Quantities.** The quantities shown on the Bid Schedule are estimated and the actual quantities required to perform the Work may be greater or less than the estimated amount. The Contract Price will be

adjusted to reflect the actual quantities required for the Work based on the itemized or unit prices provided in the Bid Schedule, with no allowance for anticipated profit for quantities that are deleted or decreased.

- 21. Bidder's Questionnaire.** A completed, signed Bidder's Questionnaire must be submitted with the Bid Proposal, using the form provided by Owner. A bid that does not fully comply with this requirement may be rejected as nonresponsive. A bidder who submits a Bidder's Questionnaire which is subsequently determined to contain false or misleading information, or material omissions, may be disqualified as non-responsible.

BID PROPOSAL

Harding Avenue Sewer Trunk Line Project

_____ (“Bidder”) hereby submits this Bid Proposal to City of Morgan Hill (“Owner”) for the above-referenced project (“Project”) in response to the Notice Inviting Bids and in accordance with the Contract Documents referenced therein.

1. **Base Bid.** Bidder proposes to perform and fully complete the Work for the Project as specified in the Contract Documents, within the time required for full completion of the Work, for the following price (“Base Bid”):
\$ _____.

2. **Addenda.** Bidder acknowledges receipt of the following addenda:

Addendum:	Date Received:	Addendum:	Date Received:
#01	_____	#05	_____
#02	_____	#06	_____
#03	_____	#07	_____
#04	_____	#08	_____

3. **Bidder’s Warranties.** By signing and submitting this Bid Proposal, Bidder warrants the following:

3.1 Examination of Contract Documents. Bidder has thoroughly examined the Contract Documents, and represents that, to the best of Bidder’s knowledge there are no errors, omissions, or discrepancies in the Contract Documents subject to the limitations of Public Contract Code Section 1104.

3.2 Examination of Worksite. Bidder has had the opportunity to examine the Worksite and local conditions at the Project location.

3.3 Bidder is Qualified. Bidder is fully qualified to perform the Work.

3.4 Responsibility for Bid. Bidder has carefully reviewed this Bid Proposal and is solely responsible for any errors or omissions contained in its completed Bid.

3.5 Bidder Eligibility. Neither Bidder nor its principals are currently suspended, debarred, proposed for debarment, declared ineligible or voluntarily excluded from any federal department or agency under Part 29 of Title 49 of the Code of Federal Regulations, except as disclosed in a writing attached to this Bid Proposal.

4. **Award of Contract** . By signing and submitting this Bid Proposal, Bidder agrees that if Bidder is awarded the Contract for the Project, that within ten days following issuance of the notice of award to Bidder, Bidder will do all of the following:

4.1 **Execute Contract.** Enter into the Contract with Owner in accordance with the terms of this Bid Proposal, by signing and submitting to Owner the Contract prepared by Owner using the form included with the Contract Documents;

4.2 **Submit Required Bonds.** Submit to Owner a payment bond and a performance bond, each for 100% of the Contract Price, using the bond forms provided and in accordance with the requirements of the Contract Documents; and

4.3 **Insurance Requirements.** Submit to Owner the insurance certificate(s) and endorsement(s) as required by the Contract Documents.

5. **Bid Security.** As a guarantee that if awarded the Contract, it will perform its obligations under Section 4, above, Bidder is enclosing bid security in the amount of ten percent of its maximum bid amount in the following form:

_____ A cashier's check or certified check payable to City of Morgan Hill and issued by _____ Bank in the amount of \$_____.

_____ A bid bond, using the Bid Bond form included with the Contract Documents, payable to City of Morgan Hill and executed by a surety licensed to do business in the State of California.

This Bid Proposal is hereby submitted on _____, 20__:

s/ _____

Name and Title [print]

Company Name

License # and Classification

Address

Phone

City, State, Zip

Fax

BID SCHEDULE I - GENERAL

HARDING AVENUE SEWER TRUNK LINE PROJECT

Quantities shown are required for bid purposes and may or may not be final pay quantities. Actual quantities, if different, shall be substantiated during the Project by the Contractor (either by field measurement, trucking tags, or other means acceptable to the Engineer).

Bid Item	Description of Bid Item	Approximate Quantity/Unit of Measure	Unit Price	Extended Total
1	Potholing	10 EA		
2	Mobilization	LS		
3	Traffic Control Plan	LS		
4	Water Pollution Control	LS		
5	Dewatering (Revokable)	LS		
6	Remove Existing 8" Sewer Main	30 LF		
7	21" Sanitary Sewer Main (SDR 26)	130 LF		
8	30" Sanitary Sewer Trunk Line (SDR 26)	7200 LF		
9	Sanitary Sewer Manhole	16 EA		
10	Traffic Striping and Pavement Marking	LS		
11	Slurry Seal (Type II)	19,200 SY		
12	Remove and Install Monuments	3 EA		
13	Daily Clean Up	90 Calendar Days	\$100	\$9000
14	Supplemental Work	LS	\$30,000	\$30,000

Bid Schedule I Total	
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NONCOLLUSION DECLARATION

(To be executed by bidder and submitted with bid)

State of California)	ss.
)	
County of _____)	

_____, being first duly sworn, deposes and says that he or she is _____ of _____ (“Contractor”), the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown of it, or the contents of it, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent of them to effectuate a collusive or sham bid.

This declaration is intended to comply with California Public Contract Code Section 7016 and Title 23 U.S.C Section 112.

I certify under penalty of perjury that the foregoing is true and correct.

s/ _____ Date: _____

Name and Title [print]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT
1189

CIVIL CODE '

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of **CALIFORNIA**)
County of **SANTA CLARA**)

On _____, before me, _____
a Notary Public in and for said County and State, personally appeared

_____ proved to me on the basis of satisfactory evidence to be the person/s whose name/s is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity/ies, and that by his/her/their signature/s on the instrument the person/s, or the entity upon behalf of which the person/s acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY PUBLIC

Place Notary Seal Above

BID BOND

_____ (“Bidder”) has submitted a bid, dated _____, 20____ (“Bid”), to City of Morgan Hill (“Owner”) for work on the Harding Avenue Sewer Trunk Line Project (“Project”). Under this duly executed bid bond (“Bid Bond”), Bidder as Principal and

_____, its surety (“Surety”), are bound to Owner as Obligee in the penal sum of ten percent of the maximum amount of the Bid (the “Bond Sum”). Bidder and Surety bind themselves and their respective heirs, executors, administrators, successors and assigns, jointly and severally, as follows:

1. **General.** If Bidder is awarded the Contract for the Project, Bidder will enter into the Contract with the Owner in accordance with the terms of the Bid.
2. **Submittals.** Within ten days following issuance of the notice of award to Bidder, Bidder must submit to Owner the following:
 - 2.1 **Contract.** The executed Contract, using the form provided by Owner in the Project contract documents (“Contract Documents”);
 - 2.2 **Payment Bond.** A payment bond for 100% of the maximum Contract Price, executed by a surety licensed to do business in the State of California using the Payment Bond form included with the Contract Documents;
 - 2.3 **Performance Bond.** A performance bond for 100% of the maximum Contract Price, executed by a surety licensed to do business in the State of California using the Performance Bond form included with the Contract Documents; and
 - 2.4 **Insurance.** The insurance certificate(s) and endorsement(s) required by the Contract Documents, and any other documents required under the Instructions for Bidders.
3. **Enforcement.** If Bidder fails to execute the Contract and to submit the bonds and insurance certificates as required by the Contract Documents, Surety guarantees that Bidder forfeits the Bond Sum to Owner. Any notice to Surety may be given in the manner specified in the Contract and delivered or transmitted to Surety as follows:

Attn: _____
Address: _____
City/State/Zip: _____

Phone: _____
Fax: _____
Email: _____

4. **Duration; Waiver.** If Bidder fulfills its obligations under Section 2, above, then this obligation will be null and void; otherwise it will remain in full force and effect for 60 days following award of the Contract or until this Bid Bond is returned to Bidder, whichever occurs first. Surety waives the provisions of Civil Code Sections 2819 and 2845.

This Bid Bond is entered into and effective on _____, 20_____.

SURETY:

s/ _____

Name: _____

Title: _____

(Attach Acknowledgement, Notary Seal, and Attorney-In-Fact Certificate)

CONTRACTOR:

s/ _____

Name: _____

Title: _____

BIDDER'S QUESTIONNAIRE

HARDING AVENUE SEWER TRUNK LINE PROJECT

Submission of a completed Bidder's Questionnaire with the sealed bid is required for the above-referenced project ("Project"). Owner may use the completed Questionnaire to evaluate the Bidder's qualifications for this Project. The Questionnaire must be filled out completely, accurately, and legibly. Any errors, omissions, or misrepresentations in completion of the Questionnaire may be grounds for rejection of the bid or termination of a Contract awarded pursuant to the bid.

Part 1: General Information

Contractor Name: _____ ("Contractor")

Check One: Corporation
 Partnership
 Sole Proprietorship
 Joint Venture of: _____
 Other: _____

Address: _____

Phone: _____

Fax: _____

Owner of Company: _____

Contact Person: _____

Contractor's License Number(s): _____

Part 2: Contractor Experience

1. How many years has Contractor been in business under its present business name? _____

2. Has Contractor completed projects similar in type and size to this Project as a general contractor? _____

3. Has Contractor ever been disqualified on grounds that it is not responsible? If yes, provide additional information on a separate sheet of paper regarding the

disqualification, including the name and address of the agency or owner of the subject project, the type and size of the project, the reasons that Contractor was disqualified as not responsible, and the month and year in which the disqualification occurred.

4. Has Contractor ever been terminated from a construction project, either as a general contractor or as a subcontractor? If yes, provide additional information on a separate sheet of paper regarding the termination, including the name and address of the agency or owner of the subject project, the type and size of the project, whether Contractor was under contract as a general contractor or a subcontractor, the reasons that Contractor was terminated, and the month and year in which the termination occurred.

5. Provide information about Contractor's past projects performed as general contractor as follows:

5.1 Six (6) most recently completed public works projects within the last three (3) years;

5.2 Three (3) largest completed projects within the last three (3) years; and

5.3 Any project which is similar to this Project.

6. Use separate sheets of paper provide all of the following information for each project identified in response to the above three categories:

- a. Project Name
- b. Location
- c. Owner
- d. Owner Contact (name and current phone number)
- e. Architect or Engineer Name
- f. Architect or Engineer Contact (name and current phone number)
- g. Construction Manager (name and current phone number)
- h. Description of Project, Scope of Work Performed
- i. Initial Contract Value (at time of bid award)
- j. Final Cost of Construction (including change orders)
- k. Original Scheduled Completion Date
- l. Time Extensions Granted (number of days)
- m. Actual Date of Completion
- n. Number and amount of Stop Notices or Mechanic's Liens filed
- o. Amount of liquidated damages assessed against Contractor
- p. Nature and resolution of any claim, lawsuit, and/or arbitration between Contractor and the Owner

Part 3: Verification

In signing this document, I, the undersigned, declare that I am duly authorized to sign and submit this Bidder's Questionnaire on behalf of the named Contractor, and that all responses and information set forth in this Bidder's Questionnaire and accompanying attachments are, to the best of my knowledge, true, accurate and complete as of the date of submission. **I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.**

Signature: _____ Date: _____

By [name, title]: _____

For [name of Contractor]: _____

CONTRACT

This public works contract ("Contract") is entered into by and between City of Morgan Hill ("Owner") and _____ ("Contractor") for work on the Harding Avenue Sewer Trunk Line Project ("Project").

The parties agree as follows:

1. **Award of Contract.** In response to the Notice Inviting Bids, Contractor has submitted a Bid Proposal to perform work on the Project, and on _____, 20____, (contract date) Owner authorized award of this Contract to Contractor for the amount of Contractor's bid.
2. **Contract Documents.** The Contract Documents incorporated into this Contract include and are comprised of all of the following:
 - 2.1 Notice Inviting Bids;
 - 2.2 Instructions to Bidders;
 - 2.3 Addenda, if any;
 - 2.4 Bid Proposal and attachments thereto;
 - 2.5 Contract;
 - 2.6 Payment and Performance Bonds;
 - 2.7 General Conditions;
 - 2.8 Special Conditions;
 - 2.9 Project Drawings and Specifications;
 - 2.10 Change Orders, if any;
 - 2.11 Notice of Award;
 - 2.12 Notice to Proceed;
 - 2.13 And the following: City Standards
3. **Contractor's Obligations.** Contractor agrees to perform all of the Work required for the Project, as specified in the Contract Documents. Contractor must provide, furnish, and supply all things necessary and incidental for the timely performance and completion of the Work, including all necessary labor, materials, equipment, transportation, and utilities, unless otherwise specified in the Contract Documents. Contractor must use its best efforts to complete the Work in a professional and expeditious manner and to meet or exceed the performance standards required by the Contract Documents.

4. **Payment.** As full and complete compensation for Contractor's timely performance and completion of the Work in strict accordance with the terms and conditions of the Contract Documents, Owner will pay Contractor
-
- Dollars (\$_____) (the "Contract Price"), in accordance with the payment provisions in the General Conditions. The Contract Price includes all applicable federal, state, and local taxes.
5. **Time for Completion.** Contractor will fully complete the Work for the Project within One Hundred (100) calendar days from the commencement date given in the Notice to Proceed ("Contract Time"). By signing below, Contractor expressly waives any claim for delayed early completion.
6. **Liquidated Damages.** If Contractor fails to complete the Work within the Contract Time, Owner may assess liquidated damages in the amount of Five Hundred Dollars (\$500) for each day of unexcused delay in completion, and the Contract Price shall be reduced accordingly.
7. **Labor Code Compliance.**
- 7.1 **General.** This Contract is subject to all applicable requirements of Chapter 1 of Part 7 of Division 2 of the Labor Code, including requirements pertaining to wages, working hours and workers' compensation insurance.
- 7.2 **Prevailing Wages.** This Project is subject to the prevailing wage requirements applicable to the locality in which the Work is to be performed for each craft, classification or type of worker needed to perform the Work, including employer payments for health and welfare, pension, vacation, apprenticeship and similar purposes. Copies of these prevailing rates are available online at <http://www.dir.ca.gov/DLSR>.
- 7.3 **DIR Registration.** Owner will not accept a Bid Proposal from or enter into the Contract with a bidder, without proof that the bidder and its Subcontractors are registered with the California Department of Industrial Relations ("DIR") to perform public work under Labor Code Section 1725.5, subject to limited legal exceptions.
8. **Workers' Compensation Certification.** Under Labor Code Section 1861, by signing this Contract, Contractor certifies as follows: "I am aware of the provisions of Labor Code Section 3700 which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work on this Contract."

9. Notice. Any notice, billing, or payment required by the Contract Documents must be made in writing, and sent to the other party by personal delivery, U.S. Mail, a reliable overnight delivery service, facsimile, or by email as a PDF (or comparable) file. Notice is deemed effective upon delivery unless otherwise specified. Notice for each party must be given as follows:

	Owner	Contractor
Name	City of Morgan Hill	
Address	17575 Peak Avenue	
City/state/zip	Morgan Hill/CA/95037	
Phone	408-310-4641	
Fax	408-779-7236	
Attn:	Yat Cho	
Email	yat.cho@morganhill.ca.gov	
Copy to:		

10. General Provisions.

10.1 Assignment and Successors. Contractor may not assign its rights or obligations under this Contract, in part or in whole, without Owner’s written consent. This Contract is binding on Contractor’s successors and permitted assigns.

10.2 Third Party Beneficiaries. There are no intended third party beneficiaries to this Contract except as expressly provided in the General Conditions or Special Conditions.

10.3 Governing Law and Venue. This Contract will be governed by California law and venue will be in the Superior Court of the County in which the Project is located, and no other place.

10.4 Amendment. No amendment or modification of this Contract will be binding unless it is in a writing duly authorized and signed by the parties to this Contract.

10.5 Integration; Severability. This Contract and the Contract Documents incorporated herein, including authorized amendments or Change Orders thereto, constitute the final, complete, and exclusive terms of the agreement between Owner and Contractor. If any provision of the Contract Documents, or portion of a provision, is determined to be illegal, invalid, or unenforceable, the remaining provisions of the Contract Documents will remain in full force and effect.

10.6 Authorization. Each individual signing below warrants that he or she is authorized to do so by the party that he or she represents, and that this Contract is legally binding on that party. If Contractor is a corporation, signatures from two officers of the corporation are required pursuant to California Corporation Code Section 313.

[Signatures are on the following page.]

The parties agree to this Contract as witnessed by the signatures below:

CITY OF MORGAN HILL:

CONTRACTOR:

s/ _____

s/ _____

Steve Rymer
City Manager

Name/Title [print]

Date: _____

Corporate entities must provide a second signature:

Attest:

s/ _____

s/ _____

Name/Title [print]

Irma Torrez
City Clerk

Date: _____

Date: _____

Contractor's License Number(s)

Approved as to Form:

Expiration Date(s)

s/ _____

Seal:

Renee Gurza
City Attorney
Date: _____

PAYMENT BOND

City of Morgan Hill ("Owner") and

_____ ("Contractor") have entered into a contract, dated _____, 20__ ("Contract") for work on the Harding Avenue Sewer Trunk Line Project ("Project"). The Contract is incorporated by reference into this Payment Bond ("Bond").

1. **General.** Under this Bond, Contractor as principal and _____, its surety ("Surety"), are bound to Owner as Obligee in an amount not less than (\$_____) ("Bond Sum"), under California Civil Code Sections 9550, et seq.
2. **Surety's Obligation.** If Contractor or any of its Subcontractors fails to pay any of the persons named in California Civil Code Section 9100 amounts due under the Unemployment Insurance Code with respect to work or labor performed under the Contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Contractor and its Subcontractors, under California Unemployment Insurance Code Section 13020, with respect to the work and labor, then Surety will pay for the same.
3. **Beneficiaries.** This Bond inures to the benefit of any of the persons named in California Civil Code Section 9100, so as to give a right of action to those persons or their assigns in any suit brought upon this Bond. Contractor must promptly provide a copy of this Bond upon request by any person with legal rights under this Bond.
4. **Duration.** If Contractor promptly makes payment of all sums for all labor, materials, and equipment furnished for use in the performance of the Work required by the Contract, in conformance with the time requirements set forth in the Contract and as required by California law, Surety's obligations under this Bond will be null and void. Otherwise, Surety's obligations will remain in full force and effect.
5. **Waivers.** Surety waives any requirement to be notified of alterations to the Contract or extensions of time for performance of the Work under the Contract. Surety waives the provisions of Civil Code Sections 2819 and 2845. Owner waives requirement of a new bond for any supplemental contract under Civil Code Section 9550. Any notice to Surety may be given in the manner specified in the Contract and delivered or transmitted to Surety as follows:

Attn: _____
Address: _____
City/State/Zip: _____
Phone: _____
Fax: _____
Email: _____

6. **Law and Venue.** This Bond will be governed by California law, and any dispute pursuant to this Bond will be venued in the Superior Court of Santa Clara County, and no other place. Surety will be responsible for Owner's attorneys' fees and costs in any action to enforce the provisions of this Bond.

7. **Effective Date; Execution.** This Bond is entered into and is effective on _____, 20____.

[Signatures are on the following page]

SURETY:

s/ _____

Name: _____

Title: _____

(Attach Acknowledgment with Notary Seal and Power of Attorney)

CONTRACTOR:

s/ _____

Name: _____

Title: _____

APPROVED AS TO FORM:

By: _____
Renee Gurza, City Attorney

Date: _____

PERFORMANCE BOND

City of Morgan Hill ("Owner") and

_____ ("Contractor")
have entered into a contract, dated _____, 20____ ("Contract") for
work on the Harding Avenue Sewer Trunk Line Project ("Project"). The Contract
is incorporated by reference into this Performance Bond ("Bond").

- 1. General.** Under this Bond, the Contractor as Principal and _____, its surety ("Surety"), are bound to Owner as Obligee for an amount not less than Dollars (\$ _____) (the "Bond Sum"). By executing this Bond, Contractor and Surety bind themselves and their respective heirs, executors, administrators, successors and assigns, jointly and severally, to the provisions of this Bond.
- 2. Surety's Obligations; Waiver.** If Contractor fully performs its obligations under the Contract, including its warranty obligations under the Contract, Surety's obligations under this Bond will become null and void upon recordation of the notice of completion, provided Contractor has timely provided a warranty bond as required under the Contract. Otherwise Surety's obligations will remain in full force and effect until expiration of the one year warranty period under the Contract. Surety waives any requirement to be notified of and further consents to any alterations to the Contract made under the applicable provisions of the Contract Documents, including changes to the scope of Work or extensions of time for performance of Work under the Contract. Surety waives the provisions of Civil Code Sections 2819 and 2845.
- 3. Application of Contract Balance.** Upon making a demand on this Bond, Owner will make the Contract Balance available to Surety for completion of the Work under the Contract. For purposes of this provision, the Contract Balance is defined as the total amount payable by Owner to the Contractor as the Contract Price minus amounts already paid to Contractor, and minus any liquidated damages, credits, or backcharges to which Owner is entitled under the terms of the Contract.
- 4. Contractor Default.** Upon written notification from Owner that Contractor is in default under Article 13 of the Contract General Conditions, time being of the essence, Surety must act within the time specified in Article 13 to remedy the default through one of the following courses of action:

4.1 Arrange for completion of the Work under the Contract by Contractor, with the Owner's consent, but only if Contractor is in default solely due to its financial inability to complete the Work;

4.2 Arrange for completion of the Work under the Contract by a qualified contractor acceptable to Owner, and secured by performance and payment bonds issued by an admitted surety as required by the Contract Documents, at Surety's expense, or

4.3 Waive its right to complete the Work under the Contract and reimburse Owner the amount of Owner's costs to have the remaining Work completed.

5. Surety Default. If Surety defaults on its obligations under the Bond, Owner will be entitled to recover all costs it incurs due to Surety's default, including legal, design professional, or delay costs.

6. Notice. Any notice to Surety may be given in the manner specified in the Contract and delivered or transmitted to Surety as follows:

Attn: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Email: _____

7. Law and Venue. This Bond will be governed by California law, and any dispute pursuant to this Bond will be venued in the Superior Court of Santa Clara County, and no other place. Surety will be responsible for Owner's attorneys' fees and costs in any action to enforce the provisions of this Bond.

8. Effective Date; Execution. This Bond is entered into and effective on _____, 20____.

[Signatures are on the following page.]

SURETY:

s/ _____

Name: _____

Title: _____

(Attach Acknowledgment with Notary Seal and Power of Attorney)

CONTRACTOR:

s/ _____

Name: _____

Title: _____

APPROVED AS TO FORM:

By: _____
Renee Gurza, City Attorney

Date: _____

WARRANTY BOND

City of Morgan Hill ("Owner") and _____ ("Contractor") have entered into a contract, dated _____, 20____ ("Contract") for work on the Harding Avenue Sewer Trunk Line Project ("Project"). The Contract is incorporated by reference into this Warranty Bond ("Bond").

1. **General.** Under this Bond, Contractor as principal and _____, its surety ("Surety"), are bound to Owner as Obligee in the maximum amount of \$_____ or 50% of the final Contract Price, whichever is greater ("Bond Sum").
2. **Warranty Period.** The Contract requires Contractor to guarantee its work and that of its Subcontractors on the Project, against defects in materials or workmanship which are discovered during the one year period commencing with recordation of the Notice of Completion (the "Warranty Period").
3. **Surety's Obligations.** If Contractor faithfully carries out and performs its guarantee under the Contract, and, on due notice from Owner, repairs and make good at its sole expense any and all defects in materials and workmanship in the Project which are discovered during the Warranty Period, or if Contractor promptly reimburses Owner for all loss and damage that Owner sustains because of Contractor's failure to makes such repairs in accordance with the Contract requirements, then Surety's obligations under this Bond will be null and void. Otherwise, Surety's obligations will remain in full force and effect.
4. **Waiver.** Surety waives the provisions of Civil Code Sections 2819 and 2845.
5. **Notice.** Any notice to Surety may be given in the manner specified in the Contract and delivered or transmitted to Surety as follows:

Attn: _____
Address: _____
City/State/Zip: _____
Phone: _____
Fax: _____
Email: _____
6. **Law and Venue.** This Bond will be governed by California law, and any dispute pursuant to this Bond will be venued in the Superior Court of Santa

Clara County, and no other place. Surety will be responsible for Owner's attorneys' fees and costs in any action to enforce the provisions of this Bond.

7. Effective Date; Execution. This Bond is entered into and is effective on _____, 20_____.

SURETY:

_____ Principal _____ Principal

By: _____
Surety

By: _____
Attorney-in-Fact

By: _____
California Resident Agent

By: _____
Non-resident Agent – Attorney-in-Fact

(Attach Acknowledgment with Notary Seal and Power of Attorney)

GENERAL CONDITIONS

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Article 1 Definitions

1.1 Definitions. The following definitions apply to all of the Contract Documents unless otherwise indicated. Defined terms and titles of documents are capitalized in the Contract Documents, with the exception of the words “day,” “furnish,” and “install.”

Allowance means an amount included in the Bid Proposal for Work that may or may not be included in the Project, depending on conditions that will not become known until after bids are opened. If the Contract Price includes an Allowance and the cost of performing the Work covered by that Allowance is greater or less than the Allowance, the Contract Price will be increased or decreased accordingly.

Architect/Engineer means the licensed individual(s) or firm(s) retained by Owner to provide architectural or engineering services for the Project. If no Architect/Engineer has been retained for this Project, any reference to Architect/Engineer is deemed to refer to Owner.

Article, as used in these General Conditions, means a numbered Article of the General Conditions, unless otherwise indicated by the context.

Change Order means a written document duly approved and executed by Owner, which changes the scope of Work, the Contract Price, or the Contract Time.

Claim means a separate demand by Contractor for change in the Contract Time or Contract Price, that has previously been submitted to Owner in accordance with the requirements of the Contract Documents, and which has been rejected by Owner, in whole or in part; or a written demand by Contractor objecting to the amount of Final Payment.

Construction Manager means the individual(s) or firm retained by Owner to provide construction management services for the Project. If no Construction Manager has been retained for this Project, any reference to Construction Manager is deemed to refer to Owner.

Contract means the signed agreement between Owner and Contractor.

Contract Documents means, collectively, all of the documents listed as such in Section 2 of the Contract, including the Notice Inviting Bids; the Instructions to Bidders; addenda, if any; the Bid Proposal, and attachments thereto; the Contract; the notice of award and notice to proceed; the payment and performance bonds; the General Conditions; the Special Conditions; the approved, stamped Project Drawings and Specifications; any Change Orders; and any other documents expressly made part of the Contract Documents.

Contract Price means the total compensation to be paid to the Contractor for performance of the Work, as set forth in the Contract and as amended by Change Order or adjusted for an Allowance. The Contract Price is not subject to adjustment due to inflation or due to the increased cost of labor, material, or equipment following submission of the Bid Proposal. The Contract Price is deemed to include all applicable federal, state, and local taxes

Contract Time means the number of calendar days for performance of the Work, as set forth in the Contract and as amended by Change Order.

Contractor means the individual, partnership, corporation, or joint-venture who has signed the Contract with Owner to perform the Work.

Day means a calendar day unless otherwise specified.

Drawings means the Owner-provided plans and graphical depictions of the Project requirements, and does not include Shop Drawings.

DSA means the Division of the State Architect for the State of California.

Engineer means the City Engineer for the City of Morgan Hill and his or her authorized designee(s).

Final Completion means the Contractor has fully completed all of the Work required by the Contract Documents, including all punch list items, any required commissioning, and has provided all required submittals, including the warranty bond, instructions and manuals, and as-built drawings to the Owner's satisfaction.

Final Payment means payment to Contractor of the unpaid Contract Price, including release of undisputed retention, less amounts withheld pursuant to the Contract Documents, including liquidated damages, up to 125% of the amount of any unreleased stop notice, amounts subject to setoff, up to 150% of any unresolved third-party claim for which Contractor is required to indemnify Owner, and up to 150% of any amount in dispute as authorized by Public Contract Code Section 7107.

Furnish means to purchase and deliver to the Worksite designated for installation.

Hazardous Materials means any substance or material identified now or in the future as hazardous under any federal, state, or local law or regulation, or any other substance or material that may be considered hazardous or otherwise subject to statutory or regulatory requirements governing handling, disposal, or cleanup.

“Including.” Unless the context requires otherwise, the term “including” means “including, but not limited to.”

Inspector means the individual(s) or firm(s) retained by Owner to inspect the workmanship, materials, and manner of construction of the Project and its components to ensure compliance with the Contract Documents and all applicable codes, regulations, and permits.

Install means to fix in place for materials, and to fix in place and connect for equipment.

Owner means the public agency which has signed the Contract with Contractor for performance of the Work, acting through its governing body, officers, employees, and authorized representatives.

Owner's Representative means the individual designated by Owner to oversee and manage the Project on Owner's behalf and may include his or her authorized delegee(s) when the Owner's Representative is unavailable. If no Owner's representative has been designated for this Project, any reference to Owner's Representative is deemed to refer to Owner.

Project means the public works project referenced in the Contract.

Section as used in these General Conditions, means a numbered Section of the General Conditions, unless otherwise indicated by the context.

Shop Drawings means drawings, plan details or other graphical depictions prepared by or on behalf of Contractor, and subject to Owner approval, which are intended to provide details for fabrication, installation, and the like, of items required by or shown in the Drawings and Specifications.

Specifications means the technical, text specifications describing the Project requirements, which are prepared for and incorporated into this Project by or on behalf of Owner, and does not include the Contract, General Conditions or Special Conditions.

Subcontractor means an individual, partnership, corporation, or joint-venture retained by Contractor directly or indirectly through a subcontract to perform a specific portion of the Work. The term Subcontractor applies to subcontractors, suppliers, fabricators, and equipment lessors of all tiers, unless otherwise indicated by the context.

Technical Specifications means Specifications.

Work means all of the construction and services necessary or incidental to completing the Project in conformance with the requirements of the Contract Documents.

Worksite means the place or places where the Work is performed.

Article 2 Roles and Responsibilities

2.1 Architect/Engineer.

(A) **General.** Architect/Engineer, as the Owner's representative, is responsible for the overall design of the Project, and is authorized to act on Owner's behalf to ensure performance of the Work in compliance with the Contract Documents.

(B) **Authority.** Architect/Engineer has authority to stop the Work when necessary to ensure compliance with the requirements of the Contract Documents. Architect/Engineer also has authority to reject any and all Work or materials which do not conform to the requirements of the Contract Documents.

(C) **Interpretation.** Architect/Engineer will decide all questions pertaining to performance of the Work, and will provide written decisions on all matters relating to the execution and progress of the Work or interpretation of the Contract Documents. The Architect/Engineer's decision regarding interpretation of the Drawings or Specifications is final and conclusive.

2.2 Contractor.

(A) **General.** Contractor must provide all labor, materials, equipment and services necessary to perform and timely complete the Work in strict accordance with the Contract Documents, and in an economic and efficient manner in the best interests of Owner.

(B) **Responsibility for the Work.** Contractor is responsible for supervising and directing all aspects of the Work to facilitate the efficient and timely completion of the Work. Contractor is solely responsible for, and required to exercise full control over, construction means, methods, techniques, sequences, procedures, and coordination of all portions of the Work with that of all other Contractors and Subcontractors, except to the extent that the Contract Documents provide other specific instructions.

(C) **Project Administration.** Contractor must provide sufficient and competent administration, staff, and skilled workforce necessary to perform and timely complete the Work in accordance with the Contract Documents. Before starting the Work, Contractor must designate in writing and provide complete contact information, including phone numbers and email address, for the officer or employee in Contractor's organization who is to serve as Contractor's primary representative for the

Project, and who has authority to act on Contractor's behalf. A Subcontractor may not serve as Contractor's primary representative.

(D) **On-Site Superintendent.** Contractor must, at all times during performance of the Work, provide a qualified and competent full-time superintendent, acceptable to Owner, and assistants, as necessary, who must be physically present at the Project site while any aspect of the Work is being performed, and who shall have authority to direct the performance of the Work. Failure to comply may result in temporary suspension of the Work, at Contractor's sole expense and with no extension of Contract Time, until the superintendent is physically present to supervise the Work. Contractor must provide written notice to Owner, as soon as practicable, before replacing the superintendent.

(E) **Standards; Compliance.** Contractor must, at all times, ensure that the Work is performed in a good workmanlike manner following best practices and in full compliance with the Contract Documents and all applicable laws, regulations, codes, standards, and permits.

(F) **Responsible Party.** Contractor is solely responsible to Owner for the acts or omissions of any party or parties performing portions of the Work or providing equipment, materials or services for or on behalf of Contractor or its Subcontractors. If any person employed by Contractor fails or refuses to comply with the Engineer's directions regarding the performance of the Work, or is determined by the Engineer to be incompetent to perform the Work, or acts in a disorderly or improper manner at the Worksite, that person shall be permanently dismissed from the Project at the request of the Engineer.

(G) **Correction of Defects.** Contractor must promptly correct, at Contractor's sole expense, any Work that is determined by Owner, Architect/Engineer, or the Inspector to be deficient or defective in workmanship, materials, and equipment.

(H) **Contractor's Records.** Contractor must maintain all of its records relating to the Project in any form, including paper documents, photos, videos and electronic records. Project records subject to this provision include, but are not limited to, Project cost records and records relating to preparation of Contractor's bid.

- (1) Contractor's cost records must include all supporting documentation, including original receipts, invoices, and payroll records, evidencing its direct costs to perform the Work, including, but not limited to, costs for labor, materials and equipment. Each cost record should include, at a minimum, a description of the expenditure with references to the applicable

requirements of the Contract Documents, the amount actually paid, the date of payment, and whether the expenditure is part of the original Contract Price, related to an executed Change Order, or otherwise categorized by Contractor as extra work. Contractor's failure to comply with this provision as to any claimed cost operates as a waiver of any rights to recover the claimed cost.

- (2) Contractor must continue to maintain its Project records in an organized manner for a period of four years after Owner's acceptance of the Project or following termination, whichever occurs first. Subject to prior notice to Contractor, Owner is entitled to inspect or audit any of Contractor's Project records relating to the Project or to investigate Contractor's plant or equipment during Contractor's normal business hours.

2.3 Subcontractors.

(A) **General.** All Work which is not performed by Contractor with its own forces must be performed by Subcontractors, subject to the fifty percent (50%) limitation set forth in the Instructions and Information for Bidders. Owner reserves the right to approve or reject any and all Subcontractors proposed to perform the Work.

(B) **Contractual Obligations.** Contractor must require every Subcontractor to be bound to the provisions of the Contract Documents as they apply to the Subcontractor's portion(s) of the Work, and to likewise bind their subcontractors or suppliers. Nothing in these Contract Documents creates a contractual relationship between a Subcontractor and Owner, but Owner is deemed to be a third-party beneficiary of the contract between Contractor and each Subcontractor.

Copies of subcontracts shall be available to the Engineer upon request. Before a Subcontractor commences work on the Project, Contractor shall provide the Engineer a written statement with the name of the subcontractor, a description of each portion of the Work performed by the subcontractor, and the percentage of the overall Work to be performed by the subcontractor.

(C) **Termination.** If the Contract is terminated, each Subcontractor's agreement must be assigned by Contractor to Owner, subject to the prior rights of any surety, provided that the Owner accepts the assignment by written notification, and assumes all rights and obligations of Contractor pursuant to each such subcontract agreement.

(D) **Substitution of Subcontractor.** If Contractor requests substitution of a listed Subcontractor under Public Contract Code Section 4107, Contractor is solely responsible for all costs Owner incurs in responding to the request, including legal fees and costs to conduct a hearing.

2.4 Coordination of Work.

(A) **Concurrent Work.** Owner reserves the right to perform or to have performed other work on or adjacent to the Project site while the Work is being performed. Contractor is responsible for coordinating its Work with other work being performed on or adjacent to the Project site, and must avoid hindering, delaying, or interfering with the work of other contractors and subcontractors. To the full extent permitted by law, Contractor must hold harmless and indemnify Owner, Architect/Engineer, and Construction Manager against any and all claims arising from or related to Contractor's avoidable, negligent, or willful hindrance of, delay to, or interference with the work of another contractor or subcontractor.

(B) **Defects.** Before proceeding with any portion of the Work affected by the construction or operations of others, Contractor must give the Architect/Engineer prompt written notification of any defects Contractor discovers which will prevent the proper execution of the Work. Failure to give notice of any such known defects will be deemed acknowledgement by Contractor that the work of others is not defective and will not prevent the proper execution of the Work.

2.5 Submittals.

Unless otherwise specified, Contractor must submit to Architect/Engineer for review and approval, all schedules, Shop Drawings, samples, product data and similar submittals required by the Contract Documents, or upon request by the Architect/Engineer. All submittals, including requests for information (RFIs) are subject to the provisions of this Section.

(A) **General.** Contractor is responsible for ensuring that its submittals are accurate and conform to the Contract Documents.

(B) **Time and Manner of Submission.** Contractor must ensure that its submittals are prepared and delivered in a manner consistent with the current approved schedule for the Work and within the applicable time specified elsewhere in the Contract Documents, or if no time is specified, in such time and sequence so as not to delay the performance of the Work or completion of the Project.

(C) **Required Contents.** Each submittal must include the Project name and location, Contractor's name and address, the name and address of any Subcontractor or supplier involved with the submittal, the date, and

references to applicable Specification section(s) and/or drawing and detail number(s).

(D) **Required Corrections.** If corrections are required, Contractor must promptly make and submit any required corrections in full conformance with the requirements of this Section.

(E) **Effect of Review and Approval.** Review and approval of a submittal by the Architect/Engineer will not relieve Contractor from complying with the requirements of the Contract Documents.

(F) **Enforcement.** Any Work performed or material used without prior approval of a required submittal will be performed at Contractor's risk, and Contractor may be required to bear the costs incident thereto, including the cost of removing and replacing such Work, repairs to other affected portions of the Work, and the cost of additional time or services required of the Architect/Engineer, Construction Manager, or Inspector.

Article 3 Contract Documents

3.1 Interpretation of Contract Documents.

(A) **Drawings and Specifications.** The Drawings and Specifications included in the Contract Documents are complementary. If Work is shown on one but not on the other, Contractor must perform the Work as though fully described on both, consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the indicated results. The Drawings and Specifications are deemed to include and require everything necessary and reasonably incidental to completion of the Work, whether or not particularly mentioned or shown. Contractor must perform all work and services and supply all things reasonably related to and inferable from the Contract Documents. In the event of a conflict between the Drawings and Specifications, the Specifications will control.

(B) **Duty to Notify.** If Contractor becomes aware of any ambiguity, discrepancy, omission, or error in the Drawings or Specifications, Contractor must immediately notify the Architect/Engineer and request clarification of such, by submitting a written request for information (RFI) in the manner specified by Owner. The Architect/Engineer's clarifications or interpretations will be final and binding.

(C) **Figures and Dimensions.** Figures control over scaled dimensions.

(D) **Technical or Trade Terms.** Any terms that have well-known technical or trade meanings will be interpreted in accordance with those meanings, unless otherwise specifically defined in the Contract Documents.

(E) **Measurements.** Contractor must verify all relevant measurements at the Worksite before ordering any material or performing any Work, and will be responsible for the correctness of those measurements.

3.2 Order of Precedence. Information included in one Contract Document but not in another will not be considered a conflict or inconsistency. Unless otherwise specified in the Special Conditions, in case of any conflict or inconsistency among the Contract Documents, the following order of precedence will apply, beginning from highest to lowest:

- (A) Change Orders;
- (B) Addenda;
- (C) Contract;
- (D) Notice to Proceed;
- (E) Notice of Award;
- (F) Special Conditions;
- (G) General Conditions;
- (H) Payment and Performance Bonds;
- (I) Specifications;
- (J) Drawings;
- (K) Contractor's Bid Proposal and attachments;
- (L) Notice Inviting Bids;
- (M) Instructions for Bidders; and
- (N) Any documents prepared by and on behalf of a third party, that were not prepared specifically for this Project, e.g., Caltrans Standard Specifications or Caltrans Special Provisions.

3.3 Caltrans Standard Specifications. Any reference to or incorporation of the Standard Specifications of the State of California, Department of Transportation ("Caltrans"), including "Standard Specifications," "Caltrans Specifications," "State Specifications," or "CSS," means the most current edition of Caltrans' Standard Specifications ("Standard Specifications"), and the most current amendments on the date that Contractor's bid was submitted for this Project. The following provisions apply to use of or reference to the Standard Specifications:

(A) **Limitations.** None of the "General Provisions" of the Standard Specifications, i.e., Sections 1 through 9, applies to these Contract Documents with the exception of any specific provisions, if any, which are expressly stated to apply to these Contract Documents.

(B) **Conflicts or Inconsistencies.** If there is a conflict or inconsistency between any provision in the Standard Specifications and a provision of these Contract Documents, as determined by the Architect/Engineer, the provision in the Contract Documents will govern.

(C) **Meanings.** Terms used in the Standard Specifications are to be interpreted as follows:

(1) Any reference to the “Engineer” is deemed to mean Owner, Architect/Engineer or Owner’s Representative.

(2) Any reference to the “Special Provisions” is deemed to mean the Special Conditions.

(3) Any reference to the “State” is deemed to mean Owner.

3.4 For Reference Only. Contractor is responsible for the careful review of any document, study, or report appended to the Contract Documents solely for informational purposes and identified as “For Reference Only.” Nothing in any document, study, or report so appended and identified is intended to supplement, alter, or void any provision of the Contract Documents. However, Contractor is advised that Owner or its representatives may be guided by information or recommendations included in such reference documents, particularly when making determinations as to the acceptability of proposed materials, methods, or changes in the Work. Contractor must promptly notify Architect/Engineer of any perceived or actual conflict between the Contract Documents and any document provided For Reference Only.

Article 4 Bonds, Indemnity, and Insurance

4.1 Payment and Performance Bonds. Within ten days following issuance of the notice of award, Contractor is required to provide a payment bond and a performance bond, each in the penal sum of not less than 100% of the Contract Price, using the bond forms included with the Contract Documents.

(A) **Surety.** Each bond must be issued by a surety admitted in California. If an issuing surety cancels the bond or becomes insolvent, within seven days following written notice from Owner, Contractor must substitute a surety acceptable to Owner. If Contractor fails to substitute an acceptable surety within the specified time, Owner may, at its sole

discretion, withhold payment from Contractor until the surety is replaced to Owner's satisfaction, or terminate the Contract for default.

4.2 Indemnity. To the fullest extent permitted by law, Contractor must indemnify, defend, and hold harmless Owner, its agents and consultants, Architect/Engineer, and Construction Manager (individually, an "Indemnatee," and collectively the "Indemnitees") from and against any and all liability, loss, damage, claims, expenses (including, without limitation, attorney fees, expert witness fees, paralegal fees, and fees and costs of litigation or arbitration) (collectively, "Liability") of every nature arising out of or in connection with the acts or omissions of Contractor, its employees, Subcontractors, representatives, or agents, in bidding or performing the Work or its failure to comply with any of its obligations under the Contract, except such Liability caused by the active negligence, sole negligence, or willful misconduct of an Indemnatee. This indemnity requirement applies to any Liability arising from alleged defects in the content or manner of submission of the Contractor's bid for the Contract. Contractor's failure or refusal to timely accept a tender of defense pursuant to this provision will be deemed a material breach of this Contract. Owner will timely notify Contractor upon receipt of any third-party claim relating to the Contract, as required by Public Contract Code Section 9201.

4.3 Insurance. No later than ten days following issuance of the notice of award, Contractor is required to procure and provide proof of the insurance coverage required by this section in the form of certificates and endorsements. The required insurance must cover the activities of Contractor and its Subcontractors relating to or arising from the performance of the Work, and must remain in full force and effect at all times during the period covered by the Contract until the date of recordation of the notice of completion. The coverages may be arranged under a single policy for the full limits required or by a combination of underlying policies with the balance provided by excess or "umbrella" policies, provided each such policy complies with the requirements set forth herein. If Contractor fails to provide any of the required coverage in full compliance with the requirements of the Contract Documents, Owner may, at its sole discretion, purchase such coverage at Contractor's expense and deduct the cost from payments due to Contractor, or terminate the Contract for default. Contractor further understands that the City reserves the right to modify the insurance requirements set forth herein, with thirty (30) days' notice provided to Contractor, at any time as deemed necessary to protect the interests of the City.

(A) **Policies and Limits.** The following insurance policies and limits are required for this Contract unless otherwise specified in the Special Conditions:

- (1) **Commercial General Liability Insurance (“CGL”):**

Contractor shall maintain CGL and shall include coverage for liability arising from Contractor’s or its Subcontractor’s acts or omissions in the performance of the Work against claims and liabilities for personal injury, death, or property damage providing protection in the minimum amount of: (i) two million dollars (\$2,000,000.00) for bodily injury or death to any one person for any one accident or occurrence and at least two million dollars (\$2,000,000.00) for property damage, or (ii) the maximum amount of such insurance available to Contractor under Contractor’s combined insurance policies (including any excess or “umbrella” policies), whichever is greater.

 - a. CGL policy may not exclude explosion, collapse, underground excavation hazard, or removal of lateral support.
 - b. CGL policy must include contractor’s protected coverage, blanket contractual, and completed operations.
- (2) **Builder’s Risk Insurance:** The Builder’s Risk Insurance policy must be issued on occurrence basis, for all-risk coverage on a 100% completed value basis on the insurable portion of the Project for the benefit of Owner.
- (3) **Workers’ Compensation Insurance and Employer’s Liability:** Contractor shall maintain Workers Compensation coverage, as required by law. The policy must comply with the requirements of the California Workers’ Compensation Insurance and Safety Act and provide protection in the minimum amount of: (i) one million dollars (\$1,000,000.00) for any one accident or occurrence, or (ii) the maximum amount of such insurance available to Contractor under Contractor’s combined insurance policies (including any excess or “umbrella” policies), whichever is greater. If Contractor is self-insured, Contractor must provide its Certificate of Permission to Self-Insure, duly authorized by the Department of Industrial Relations.
- (4) **Automobile Liability:** Contractor shall maintain Automobile Liability covering all owned, non-owned and hired automobiles (if Contractor does not own automobiles, then Contractor shall maintain Hired/Non-owned Automobile Liability) against claims and liabilities for personal injury, death, or property damage providing protection in the minimum amount of: (i) one million dollars (\$1,000,000.00) for bodily injury or death to any one person for any one accident or occurrence and at least one million dollars (\$1,000,000.00) for property damage, or (ii) the

maximum amount of such insurance available to Contractor under Contractor's combined insurance policies (including any excess or "umbrella" policies), whichever is greater.

(5) **Pollution (Environmental) Liability:** If the performance of Contractor's work or service under this Agreement involves hazardous materials, contaminated soil disposal, and/or a risk of accidental release of fuel oil, chemicals or other toxic gases or hazardous materials, Contractor shall procure and maintain Pollution Liability covering the contractor's liability for bodily injury, property damage and environmental damage resulting from pollution and related cleanup costs arising out of the work or services to be performed under this Agreement. Coverage shall be provided for both work performed on site, as well as during the transport of hazardous materials. Such coverage shall be in the minimum amount of: (i) one million dollars (\$1,000,000.00) for any one accident or occurrence, or (ii) the maximum amount of such insurance available to Contractor under Contractor's combined insurance policies (including any excess or "umbrella" policies), whichever is greater.

(6) **Professional Liability:**

a. If the performance of Contractor's work or service under this Agreement involves professional and/or technical services (examples include, but are not limited to, architects, engineers, land surveyors, legal services, and appraisers), Contractor shall procure and maintain either a claims made or occurrence Errors and Omission liability insurance in the minimum amount of: (i) one million dollars (\$1,000,000.00) each claim, or (ii) the maximum amount of such insurance available to Contractor under Contractor's combined insurance policies (including any excess or "umbrella" policies), whichever is greater. Further, if Contractor maintains a claims-made policy, Contractor shall provide written evidence of such insurance to the City for at least five (5) years after the completion of work performed under this Agreement.

b. If the performance of Contractor's work or service under this Agreement relates to Information Technology or related services (examples include, but are not limited to computer programmers, hardware engineers, or other systems consultants), Contractor shall procure and maintain a claims made Errors and Omission liability insurance, including Cyber Liability and Data Breach, in the minimum amount of:

(i) one million dollars (\$1,000,000.00) each claim, or (ii) the maximum amount of such insurance available to Contractor under Contractor's combined insurance policies (including any excess or "umbrella" policies), whichever is greater.

(B) **Required Endorsements.** Contractor shall provide proof of the following endorsements, listed for each policy for which endorsements are required, as outlined below:

(1) ALL Policies except Builder's Risk and Professional Liability:

"Waiver of Subrogation" - Each required policy, with the exception of Builder's Risk and Professional Liability, must include an endorsement providing that the carrier agrees to waive any right of subrogation it may have against the City of Morgan Hill and the City's elected or appointed officials, boards, agencies, officers, agents, employees, and volunteers.

(2) General Liability:

- a. "Additionally Insured" - The City of Morgan Hill, its elected or appointed officials, boards, agencies, officers, agents, employees, and volunteers are named as additional insureds;
- b. "Primary and Non-Contributing" - Insurance shall be primary non-contributing;
- c. "Separation of Insureds" - The inclusion of more than one insured will not operate to impair the rights of one insured against another, and the coverages afforded will apply as though separate policies have been issued to each insured.

(C) **Subcontractors.** Contractor must ensure that each Subcontractor is required to maintain the same insurance coverage required under this Section 4.3, with respect to its performance of Work on the Project, including those requirements related to the additional insureds and waiver of subrogation.

(D) **Qualification of Insurers.** All insurance required pursuant to this Contract must be issued by a company licensed and admitted, or otherwise legally authorized to carry out insurance business in the State of California, and each insurer must have a current A.M. Best's financial strength rating of "A" or better and an financial size rating of "VIII" or better.

(E) **Certificates.** Contractor shall furnish City with copies of all policies or certificates as outlined herein, whether new or modified, promptly upon receipt. No policy subject to the Contractor's agreement with the City shall be reduced, canceled, allowed to expire, or materially changed except after thirty (30) days' notice by the insurer to City, unless due to non-payment of premiums, in which case ten days written notice must be made to Owner. Certificates, including renewal certificates, may be mailed electronically to riskmgmt@morganhill.ca.gov or delivered to the Certificate Holder address provided herein.

Certificate Holder address:

City of Morgan Hill
Attn: Risk Management
17575 Peak Avenue
Morgan Hill, CA 95037

- 4.4 Warranty Bond.** As a condition precedent to Final Completion, Contractor must submit a warranty bond, using the form provided by Owner, to guarantee its Work as specified in Article 11, Completion and Warranty Procedures. The warranty bond must be issued by a surety admitted in California for 50% of the final Contract Price or as otherwise specified in the Contract Documents. If an issuing surety cancels the bond or becomes insolvent, within seven days following written notice from Owner, Contractor must substitute a surety acceptable to Owner.

Article 5 Contract Time

- 5.1 Time is of the Essence.** Time is of the essence in Contractor's performance and completion of the Work, and Contractor must diligently prosecute the Work and complete it within the Contract Time.

(A) **General.** Contractor must commence the Work on the date indicated in the notice to proceed, and must fully complete the Work, in strict compliance with all requirements of the Contract Documents, and within the Contract Time.

(B) **Rate of Progress.** Contractor and its Subcontractors must, at all times, provide workers, materials, and equipment sufficient to maintain the rate of progress necessary to ensure full completion of the Work within the Contract Time. If Owner determines that Contractor is failing to prosecute the Work at a sufficient rate of progress, Owner may, in its sole discretion, direct Contractor to provide additional workers, materials, or equipment, or to work additional hours or days without additional cost to Owner, in order

to achieve a rate of progress satisfactory to Owner. If Contractor fails to comply with Owner's directive in this regard, Owner may, at Contractor's expense, separately contract for additional workers, materials, or equipment or use Owner's own forces to achieve the necessary rate of progress. Alternatively, Owner may terminate the Contract based on Contractor's default.

5.2 Schedule Requirements. All schedules must be prepared using standard scheduling software acceptable to Architect/Engineer, and must provide schedules in electronic and paper form as requested.

(A) ***As-Planned (Baseline) Schedule.*** Within 15 calendar days following issuance of the notice of award (or as otherwise specified in the Special Conditions), Contractor must submit to Owner for review and approval an as-planned (baseline) schedule showing in detail how Contractor plans to perform and fully complete the Work within the Contract Time using critical path methodology. The as-planned schedule must include the work of all trades required for the Work, and must be sufficiently comprehensive and detailed to enable progress to be monitored on a day-by-day basis. For each activity, the as-planned schedule must be dated, provided in the format specified in the Contract Documents or as required by the Architect/Engineer, and must include, at a minimum, a description of the activity, the start and completion dates, and the duration.

(B) ***Progress Schedules.*** Contractor must submit an updated progress schedule and three-week look-ahead schedule, in the format specified by Architect/Engineer, for review and approval with each application for a progress payment. The progress schedule must show how the actual progress of the Work to date compared to the as-planned schedule, and must identify any actual or potential impacts to the critical path.

(C) ***Recovery Schedule.*** If Owner determines that the Work is more than one week behind schedule, within seven days following written notice of such determination, Contractor must submit a recovery schedule, showing how the Contractor intends to perform and complete the Work within the Contract Time, based on actual progress to date.

(D) ***Effect of Approval.*** Contractor and its Subcontractors must perform the Work in accordance with the most current approved schedule unless otherwise directed by Owner. Owner's approval of a schedule does not operate to extend the time for completion of the Work or any component of the Work, and will not affect Owner's right to assess liquidated damages for Contractor's unexcused delay in completing the Work within the Contract Time.

(E) **Posting.** Contractor must at all times maintain a copy of the most current approved progress or recovery schedule posted prominently in its on-site office.

(F) **Reservation of Rights.** Owner reserves the right to direct the sequence in which the Work must be performed or to make changes in the sequence of the Work in order to facilitate the performance of work by Owner or others, or to facilitate Owner's use of its property. The Contract Time or Contract Price may be adjusted to the extent such changes in sequence actually increase or decrease Contractor's time or cost to perform the Work.

(G) **Authorized Working Days and Times.** Contractor is limited to working Monday through Friday, excluding City of Morgan Hill-observed holidays, during Owner's normal business hours, except as expressly provided in the Special Conditions, or as authorized in writing by Owner. Owner reserves the right to charge Contractor for additional costs incurred by Owner due to Work performed on days or during hours not expressly authorized in these Contract Documents, including reimbursement of costs incurred for inspection, testing, and construction management services.

5.3 Delay and Extensions of Contract Time.

(A) **Excusable Delay.** The Contract Time may be extended if Contractor encounters an unavoidable delay in completing the Work within the Contract Time due to causes completely beyond Contractor's control, and which Contractor could not have avoided or mitigated through planning, foresight, and diligence ("Excusable Delay"). Grounds for Excusable Delay may include fire, earthquake, acts of terror or vandalism, epidemic, unforeseeable adverse government actions, unforeseeable actions of third parties, encountering unforeseeable hazardous materials, unforeseeable site conditions, suspension for convenience under Article 13, or unusually severe weather.

(B) **Non-Excusable Delay.** Excusable Delay does not include delay that is concurrent with non-Excusable Delay, and does not include delay caused by:

- (1) weather conditions which are normal for the location of the Project, as determined by reliable records, including monthly rainfall averages, for the preceding ten years;

(2) Contractor's failure to order equipment and materials sufficiently in advance of the time needed for timely completion of the Work;

(3) Contractor's failure to provide adequate notification to utility companies for connections or services necessary for the timely performance and completion of the Work;

(4) foreseeable conditions Contractor could have ascertained from reasonably diligent inspection of the Worksite or review of the Contract Documents; or

(5) Contractor's financial inability to perform the Work, including insufficient funds to pay its Subcontractors or suppliers.

(C) ***Request for Extension of Contract Time.*** A request for an extension of time and associated delay costs must be submitted in writing to Architect/Engineer within ten calendar days of the date the delay is first encountered, even if the duration of the delay is not yet known at that time, or shall be deemed waived. In addition to complying with the requirements of this Article 5, the request must be submitted in compliance with the Change Order request procedures in Article 6, below. Strict compliance with these requirements is necessary to ensure that any delay or delay costs may be mitigated as soon as possible, and to facilitate cost-efficient administration of the Project and timely performance of the Work. Any request for an extension of time or delay costs that does not strictly comply with the requirements of Article 5 and Article 6 will be deemed waived.

(1) ***Required Contents.*** The request must include a detailed description of the cause(s) of the delay, and must also describe the measures that Contractor has taken to mitigate the delay and/or its effects, including efforts to mitigate the cost impact of the delay, e.g., by workforce management, change in sequencing, etc. If the delay is still ongoing at the time the request is submitted, the request should also include Contractor's plan for continued mitigation of the delay or its effects.

(2) ***Delay Days and Costs.*** The request must specify the number of days of Excusable Delay claimed, or provide a realistic estimate if the duration of the delay is not yet known. The request must specify the amount of any delay-related costs that are claimed, or provide a realistic estimate if the amount is not yet known. Any estimate of delay duration or cost must be updated in writing and submitted with all required supporting documentation as soon as the actual time and cost is known.

(3) *Supporting Documentation.* The request must also include any and all supporting documentation necessary to evidence the delay and its actual impacts, including schedule and cost impacts, including a time impact analysis using critical path methodology, and demonstrating unavoidable delay to Final Completion. The time impact analysis must be submitted in a form or format acceptable to Owner.

(4) *Burden of Proof.* Contractor has the burden of proving 1) that the delay was an Excusable Delay, as defined above, 2) that Contractor has made reasonable efforts to mitigate the delay and its schedule and cost impacts, 3) that the delay will unavoidably result in delaying Final Completion, and 4) that any delay costs claimed by Contractor were actually incurred and were reasonable under the circumstances.

(5) *Recoverable Costs.* If Contractor is granted an extension of time for Excusable Delay, recompense for delay costs shall be limited to actual, direct, reasonable, and substantiated costs, and will not include home office overhead, or markup for overhead and profit.

(6) *Legal Compliance.* Nothing in this provision is intended to require the waiver, alteration, or limitation of the applicability of Public Contract Code Section 7102.

(7) *No Waiver.* Any grant of an extension of time or delay costs due to an Excusable Delay will not operate as a waiver of Owner's right to assess liquidated damages for unexcused delay.

(8) *Dispute Resolution.* In the event of a dispute over entitlement to an extension of time or delay costs, Contractor may not stop working pending resolution of the dispute, but must continue to comply with its duty to diligently prosecute the performance and timely completion of the Work. Contractor's sole recourse for an unresolved dispute based on Owner's rejection of a Change Order request for an extension of time or delay costs is to comply with the Dispute Resolution provisions set forth in Article 12, below.

5.4 Liquidated Damages. It is expressly understood that if Final Completion is not achieved within the Contract Time, Owner will suffer damages which are difficult to determine and accurately specify. If Contractor fails to achieve Final Completion within the Contract Time, Owner may charge Contractor in the amount specified in the Contract for each day that Final

Completion is delayed beyond the Contract Time, as liquidated damages and not as a penalty.

(A) **Liquidated Damages.** Liquidated damages will not be assessed for any Excusable Delay, as set forth above.

(B) **Milestones.** Liquidated damages may also be separately assessed for failure to meet milestones specified elsewhere in the Contract Documents, regardless of impact on Contract Time and Final Completion.

(C) **Setoff.** Owner is entitled to set off the amount of liquidated damages assessed against any payments otherwise due to Contractor, including setoff against release of retention. If there are insufficient Contract funds remaining to cover the full amount of liquidated damages assessed, Owner is entitled to recover the balance from Contractor or its performance bond surety.

(D) **Occupy or Use.** Occupancy or use of the Project in whole or in part prior to Final Completion will not operate as a waiver of Owner's right to assess liquidated damages for Contractor's unexcused delay in achieving Final Completion.

Article 6 Contract Modification

6.1 Changes in Work. Owner reserves the right to make changes in the Work without invalidating the Contract. Owner may direct or Contractor may request changes in the Work, and any such changes will be formalized in a Change Order, which may include commensurate changes in the Contract Price or Contract Time as applicable. Contractor must promptly comply with Owner-directed changes in the Work in accordance with the intent of the original Contract Documents, even if Contractor and Owner have not yet reached agreement as to adjustments to the Contract Price or Contract Time.

(A) **Owner-Directed Change.** In the event of a dispute over entitlement to or the amount of a change in Contract Time or a change in Contract Price related to an Owner-directed change, Contractor must perform the Work as directed and may not delay its work or cease work pending resolution of the dispute, but must continue to comply with its duty to diligently prosecute the performance and timely completion of the Work, including the Work in dispute.

(B) **Contractor's Obligations.** In the event that Owner and Contractor dispute whether a portion or portions of the Work are already required by the Contract Documents as opposed to changed or extra Work, Contractor must perform the Work as directed and may not delay its Work or cease Work pending resolution of the dispute, but must continue to comply with its duty to diligently prosecute the performance and timely completion of the Work, including the Work in dispute.

(C) **Remedy for Non-Compliance.** Contractor's failure to promptly comply with an Owner-directed change is deemed a material breach of the Contract, and in addition to all other remedies available to it, Owner may, at its sole discretion, hire another contractor or use its own forces to complete the disputed Work at Contractor's sole expense, and may deduct the cost from the Contract Price.

(D) **Dispute Resolution.** Contractor's sole recourse for an unresolved dispute related to changes in the Work is to comply with the dispute resolution provisions set forth in Article 12, below.

6.2 Contractor Change Order Requests. Contractor must submit a request or proposal for a change in the Work or a change in the Contract Price or Contract Time as a written Change Order request or proposal.

(A) **Time for Submission.** Any request for a change in the Contract Price must be submitted in writing to Architect/Engineer within ten calendar days of the date that Contractor first encounters the circumstances, information or conditions giving rise to the Change Order request, even if the total amount of the requested change in the Contract Price or impact on the Contract Time is not yet known at that time.

(B) **Required Contents.** Any Change Order request or proposal submitted by Contractor must include a complete breakdown of actual or estimated costs and credits, and must itemize labor, materials, equipment, taxes, insurance, and subcontract amounts. Any estimated cost must be updated in writing as soon as the actual amount is known.

(C) **Required Documentation.** All claimed costs must be fully documented, and any related request for an extension of time or delay-related costs must be included at that time and in compliance with the requirements of Article 5 of the General Conditions.

(D) **Required Form.** Contractor must use Owner's form(s) for submitting all Change Order requests or proposals, unless otherwise specified by Owner.

(E) **Certification.** All Change Order requests must be signed by Contractor and must include the following certification:

“The undersigned Contractor certifies under penalty of perjury that its statements and representations in this Change Order request are true and correct. Contractor warrants that this Change Order request is comprehensive and complete, and agrees that any costs, expenses, or time extension request not included herein shall be deemed waived. Contractor understands that submission of claims which have no basis in fact or which Contractor knows to be false may violate the False Claims Act, as set forth in Government Code Sections 12650 et seq.”

6.3 Adjustments to Contract Price. The amount of any increase or decrease to the Contract Price will be determined based on one of the following methods in the order provided:

(A) **Unit Pricing.** Amounts previously provided by Contractor in the form of unit prices, the schedule of values, or Allowances, will apply first if unit pricing, a schedule of values, or an Allowance amount has previously been submitted for the affected Work; or, if none

(B) **Lump Sum.** A mutually agreed upon lump sum; or, if none

(C) **Time and Materials.** On a time and materials basis, which may include a not-to-exceed limit, calculated as the total of the following sums:

(1) All direct labor costs plus 15% for overhead and profit;

(2) All direct material costs, including sales tax, plus 15% for overhead and profit;

(3) All direct plant and equipment rental costs, plus 15% for overhead and profit;

(4) All direct subcontract costs plus 10% for overhead and profit; and

(5) Increased premium costs computed at 1½ % of total of the previous four sums.

6.4 Unilateral Change Order. If Owner disagrees with the amount of compensation or extension of time that Contractor has requested, Owner may elect to issue a unilateral Change Order, directing performance of the Work, and authorizing a change in the Contract Price or Contract Time in the amount Owner believes is merited. Contractor’s sole recourse to

dispute the terms of a unilateral Change Order is to submit a timely Claim pursuant to Article 12, below.

- 6.5 Non-Compliance Deemed Waiver.** Contractor waives its entitlement to any increase in the Contract Price or Contract Time if Contractor fails to full comply with the provisions of this Article. Contractor will not be paid for unauthorized extra work.

Article 7 General Construction Provisions

7.1 Permits and Taxes.

(A) **General.** Contractor must obtain and pay for any and all permits, fees, or licenses required to perform the Work, unless otherwise indicated in the Contract Documents. Contractor must cooperate with and provide notifications to government agencies with jurisdiction over the Project, as may be required. Contractor must provide Owner with copies of all notices, permits, licenses, and renewals required for the Work.

(B) **Federal Excise Tax.** Contractor must pay for all taxes on labor, material and equipment, except Federal Excise Tax to the extent that Owner is exempt from Federal Excise Tax.

7.2 Temporary Facilities. Contractor must provide, at Contractor's sole expense, any and all temporary facilities, including onsite office, sanitary facilities, storage, scaffolds, barricades, walkways, and any other temporary structure required to safely perform the Work along with any utility services incidental thereto.

(A) **Standards.** Such structures must be safe and adequate for the intended use, and installed and maintained in accordance with all applicable federal, state, and local laws, codes, and regulations.

(B) **Removal and Repair.** Contractor must promptly remove all such temporary facilities when they are no longer needed or upon completion of the Work, whichever comes first. Contractor must promptly repair any damage to Owner's property caused by the installation, use, or removal of the temporary facilities, and must promptly restore the property to its original or intended condition.

(C) **Additional Requirements.** Additional provisions pertaining to temporary facilities may be included in the Specifications or Special Conditions.

7.3 Signs. No signs may be displayed on or about Owner's property, except signage which is required by law or by the Contract Documents, without Owner's prior written approval as to content, size, design, and location.

7.4 Protection of Work and Property.

(A) **General.** Contractor is responsible at all times for protecting the Work and materials and equipment to be incorporated into the Work from damage until the Notice of Completion has been recorded. Except as specifically authorized by Owner, Contractor must confine its operations to the area of the Project site indicated in the Drawings. Contractor is liable for any damage caused to Owner's real or personal property, the real or personal property of adjacent property owners, or the work or personal property of other contractors working for Owner.

(B) **Unforeseen Conditions.** If Contractor encounters facilities, utilities, or other unknown conditions not shown on or reasonably inferable from the Drawings or apparent from inspection of the Project site, Contractor must promptly notify Architect/Engineer, and must avoid taking any action which could cause damage to the facilities or utilities pending further direction from the Architect/Engineer. If Architect/Engineer's subsequent direction to Contractor affects Contractor's cost or time to perform the Work, Contractor may submit a Change Order request as set forth in Article 6, above.

(C) **Support; Adjacent Properties.** Contractor must provide, install, and maintain all shoring, bracing, underpinning, etc., necessary to provide support to Owner's property and adjacent properties and improvements thereon. Contractor must provide notifications to adjacent property owners as may be required by law.

(D) **Damage to Existing Facilities.** Any existing facilities that are broken or damaged by the installation of Work shall be repaired or replaced with the same kind of material, the same finish, and in not less than the same dimensions as the original work. All such repairs or replacements shall match the appearance of the existing facilities as nearly as possible.

7.5 Noninterference. Contractor must take reasonable measures to avoid interfering with Owner's use of its property at or adjacent to the Project site, including use of roadways, entrances, parking areas, walkways, and structures.

7.6 Materials and Equipment.

(A) **General.** Unless otherwise specified, all materials and equipment required for the Work must be new and of the best grade for the intended purpose, and furnished in sufficient quantities to ensure the proper and expeditious performance of the Work. Unless otherwise specified, all materials and equipment required for the Work are deemed to include all components required for complete installation and intended operation, and must be installed in accordance with the manufacturer's recommendation. Contractor is responsible for all shipping, handling, and storage costs associated with the materials and equipment required for the Work, and is responsible for protecting the Work and all of the required materials, supplies, tools and equipment at Contractor's sole cost until Owner accepts the Project.

(B) **Owner-Provided.** If the Work includes installation of materials or equipment to be provided by Owner, Contractor is solely responsible for the proper examination, handling, storage, and installation of such items in accordance with the Contract Documents. Contractor must promptly notify Owner of any defects discovered in Owner-provided materials or equipment. Contractor is solely responsible for any loss of or damage to such items which occurs while the items are in Contractor's custody and control, the cost of which may be offset from the Contract Price and deducted from any payment(s) due to Contractor.

(C) **Domestic Materials.** Only unmanufactured materials that have been produced in the United States, and only manufactured materials that have been manufactured in the United States may be used for this Project, as required by Government Code Section 4300 et seq.

(D) **Intellectual Property Rights.** Contractor must, at its sole expense, obtain any authorization required for use of patented or copyright protected materials, equipment, devices or processes that are incorporated into the Work. Contractor's indemnity obligation in Article 4, applies to any claimed violation of intellectual property rights in violation of this provision.

7.7 Substitutions.

(A) **"Or Equal."** Any specification designating a material, product, thing, or service by specific brand or trade name, followed by the words "or equal," is intended only to indicate quality and type of item desired, and Contractor may request use of any equal material, product, thing, or service.

- (B) **Request for Substitution.** A request for substitution must be submitted to Architect/Engineer for approval within the applicable time period provided in the Contract Documents. If no time period is specified, the substitution request may be submitted any time within 35 days after the date of award of the Contract, or sufficiently in advance of the time needed to avoid delay of the Work, whichever is earlier.
- (C) **Substantiation.** All data substantiating the proposed substitute as an “equal” item must be submitted with the written request for substitution. Contractor’s failure to timely provide necessary substantiation is ground for rejection of the proposed substitution, without further review.
- (D) **Burden of Proving Equality.** Contractor has the burden of proving the equality of the proposed substitution. Architect/Engineer has sole discretion to determine whether a proposed substitution is “equal,” and Architect/Engineer’s determination is final.
- (E) **Approval or Rejection.** If the proposed substitution is approved, Contractor is solely responsible for any additional costs associated with the substituted item(s). If the proposed substitution is rejected, Contractor must, without delay, install the item specified.
- (F) **Contractor’s Obligations.** Architect/Engineer’s review of a proposed substitution will not relieve Contractor from any of its obligations under the Contract Documents. In the event Contractor makes an unauthorized substitution, Contractor will be solely responsible for all resulting cost impacts, including the cost of removal and replacement and the impact to other design elements.

7.8 Testing and Inspection.

- (A) **General.** All materials, equipment, and workmanship used in the Work are subject to inspection by Inspector at all times and locations during construction and/or fabrication. All manufacturers’ application or installation instructions must be provided to the Inspector at least ten days prior to the first such application or installation. Contractor must, at all times, make the Work available for inspection.
- (B) **Scheduling and Notification.** Contractor must schedule all tests required by the Contract Documents in time to avoid any delay to the progress of the Work. Contractor must provide timely notice to all necessary parties as specified in the Contract Documents.
- (C) **Responsibility for Costs.** Owner will bear the initial cost of testing to be performed by independent testing consultants retained by Owner, subject to the following exceptions:

(1) Contractor will be responsible for the costs of any subsequent tests which are required to substantiate compliance with the Contract Documents, and any associated remediation costs.

(2) Contractor will be responsible for inspection costs, at Owner's established rates, for inspection time lost because the Work is not ready or Contractor fails to appear for a scheduled inspection.

(3) In addition, if any portion of the Work which is subject to testing is covered or concealed by Contractor prior to testing, Contractor will bear the cost of making that portion of the Work available for the testing required by the Contract Documents, and any associated repair or remediation costs.

(D) **Contractor's Obligations.** Any Work that fails to comply with the requirements of the Contract Documents must be promptly repaired, replaced, or corrected by Contractor, at Contractor's sole expense, even if that Work was previously inspected or included in a progress payment. Contractor is solely responsible for any delay occasioned by remediation of noncompliant Work. Inspection of the Work does not in any way relieve Contractor of its obligations to perform the Work as specified.

(E) **Distant Locations.** If required off-site testing or inspection must be conducted at a location more than 100 miles from the Project site, Contractor is solely responsible for the additional travel costs required for testing and/or inspection at such locations.

(F) **Final Inspection.** The provisions of this Section 7.8 apply to final inspection under Article 11, Completion and Warranty Provisions.

7.9 Clean up. Contractor must regularly remove debris and waste materials and maintain the Worksite in clean and neat condition.

(A) **General.** Prior to discontinuing work in an area, Contractor must clean the area and remove all rubbish along with its construction equipment, tools, machinery, waste and surplus materials. Contractor must, at all times, minimize and confine dust and debris resulting from construction activities.

(B) **Completion.** At the completion of the Work, Contractor must remove from the Worksite all of its equipment, tools, surplus materials, waste materials and debris. Before demobilizing from the Worksite, Contractor must ensure that all surfaces are cleaned, sealed, waxed, or finished as applicable, and that all marks, stains, paint splatters, and the

like have been properly removed from the completed Work and the surrounding areas.

(C) **Non-Compliance.** If Contractor fails to commence compliance with its cleanup obligations within two business days following written notification from Owner or its representative, Owner may undertake appropriate cleanup measures without further notice and the cost will be deducted from any amounts due or to become due the Contractor.

7.10 Instructions and Manuals. Contractor must provide three copies each of all instructions and manuals required by the Contract Documents, unless otherwise specified. These must be complete as to drawings, details, parts lists, performance data, and other information that may be required for Owner to easily maintain and service the materials and equipment installed for this Project.

(A) **Submittal Requirements.** All manufacturers' application or installation instructions must be provided to the Inspector at least ten days prior to the first such application. The instructions and manuals, along with any required guarantees, must be delivered to the Architect/Engineer for review.

(B) **Instruction of Personnel.** Contractor or its Subcontractors must instruct Owner's personnel in the operation and maintenance of any complex equipment as a condition precedent to Final Completion, if required in the Contract Documents.

7.11 As-built Drawings. Contractor and its Subcontractors must maintain on the Worksite a separate complete set of the Drawings which will be used solely for the purpose of recording changes made in any portion of the Work in order to create accurate record drawings at the end of the Project.

(A) **Duty to Update.** The as-built drawings must be updated as changes occur, on a daily basis if necessary. Progress payments may be delayed, in whole or in part, until the as-built drawings are brought up to date to the satisfaction of the Architect/Engineer. Actual locations to scale must be identified on the as-built drawings for all runs of mechanical and electrical work, including all site utilities, etc., installed underground, in walls, floors, or otherwise concealed. Deviations from the original Drawings must be shown in detail. The location of all main runs, whether piping, conduit, ductwork, drain lines, etc., must be shown by dimension and elevation.

(B) **Final Completion.** Contractor must verify that all changes in the Work are depicted in the as-built drawings and must deliver the complete

set of as-built drawings to the Owner and Architect/Engineer for review and approval as a condition precedent to Final Completion.

7.12 Existing Utilities. As required by Government Code Section 4215, if, during the performance of the Work, Contractor discovers utility facilities not identified by Owner in the Contract Documents, Contractor must immediately provide written notice to Owner and the utility. Owner assumes responsibility for the timely removal, relocation, or protection of existing main or trunkline utility facilities located on the Project site, if those utilities are not identified in the Contract Documents. Contractor will be compensated in accordance with the provisions of the Contract Documents for the costs of locating, repairing damage not due to Contractor's failure to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Drawings or Specifications with reasonable accuracy, and for equipment on the Project necessarily idled during such work. Contractor will not be assessed liquidated damages for delay in completion of the Work, to the extent such delay was caused by Owner's failure to provide for removal or relocation of the utility facilities.

7.13 Notice of Excavation. Government Code Section 4216.2, requires that except in an emergency, Contractor must contact the appropriate regional notification center, or Underground Services Alert at 800-642-2444 (for Northern California), at least two working days, but not more than 14 calendar days before starting any excavation if the excavation will be conducted in an area that is known, or reasonable should be known, to contain subsurface installations, and if practical, Contractor must delineate with white paint or other suitable markings the area to be excavated.

7.14 Trenching and Excavations.

(A) ***Duty to Notify.*** Contractor must promptly, and before the following conditions are disturbed, provide written notice to Owner if the Contractor finds any of the following conditions:

(1) Material that Contractor believes may be a hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with the provisions of existing law;

(2) Subsurface or latent physical conditions at the Worksite differing from those indicated by information about the Worksite made available to bidders prior to the deadline for submitting bids;
or

(3) Unknown physical conditions at the Worksite of any unusual nature, differing materially different from those ordinarily encountered and generally recognized as inherent in work of the character required by the Contract Documents.

(B) **Owner Investigation.** Owner will promptly investigate the conditions and if Owner finds that the conditions do materially differ or do involve hazardous waste, and cause a decrease or increase in Contractor's cost of, or the time required for, performance of any part of the Work, Owner will issue a Change Order.

(C) **Disputes.** In the event that a dispute arises between the Owner and the Contractor regarding any of the conditions specified in subsection (A) above, Contractor will not be excused from any scheduled completion date provided for in the Contract Documents, but must proceed with all Work to be performed under the Contract. Contractor will retain any and all rights provided either by the Contract or by law which pertain to the resolution of disputes between Contractor and Owner.

7.15 Trenching of Five Feet or More. As required by Labor Code Section 6705, if the Contract Price exceeds \$25,000 and the Work includes the excavation of any trench or trenches of five feet or more in depth, a detailed plan must be submitted to Owner or its civil or structural engineer, for acceptance in advance of the excavation. The detailed plan must show the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation. If the plan varies from the shoring system standards, it must be prepared by a registered civil or structural engineer. Use of a shoring, sloping, or protective system less effective than that required by the Construction Safety Orders is prohibited.

7.16 New Utility Connections. Owner will pay connection charges and meter costs for new permanent utilities required by the Contract Documents, if any. Contractor must notify Owner sufficiently in advance of the time needed to request service from each utility provider so that connections and services are initiated in accordance with the Project schedule.

7.17 Lines and Grades. Contractor is required to use any benchmark provided by Architect/Engineer. Unless otherwise specified in the Contract Documents, Contractor must provide all lines and grades required to execute the Work.

7.18 Historic or Archeological Items.

(A) **Contractor's Obligations.** Contractor must ensure that all persons performing Work at the Project site are required to immediately notify the Inspector or Owner's Representative, upon discovery of any

potential historic or archeological items, including historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints or other archeological, paleontological or historical feature on the Project site (collectively, "Historic or Archeological Items").

(B) **Discovery; Cessation of Work.** Upon discovery of any potential Historic or Archeological Items, Work must be stopped within an 85-foot radius of the find and may not resume until authorized in writing by Owner's Representative. If required by Owner, Contractor must assist in protecting or recovering the Historic or Archeological Items, any such assistance to be compensated as extra work on a time and materials basis under Article 6, Contract Modification. Any suspension of Work required due to discovery of Historic or Archeological Items will be treated as a suspension for convenience under Article 13.

7.19 Environmental Control. Contractor must not pollute any drainage course or its tributary inlets with fuels, oils, bitumens, acids, insecticides, herbicides or other harmful materials. Contractor and its Subcontractors shall at all times in the performance of the Work comply with all applicable federal, state, and local laws and regulations concerning pollution of waterways.

(A) **Stormwater Permit.** Contractor must comply with all applicable conditions of the State Water Resources Control Board national Pollutant Discharge Elimination System General Permit for Waste Discharge Requirements for Discharges of Stormwater Runoff Associated with Construction Activity ("Stormwater Permit").

(B) **Contractor's Obligations.** If required for the Work, a copy of the Stormwater Permit is on file in Owner's principal administrative offices, and the Contractor must comply with the same without adjustment of the Contract Price or the Contract Time. The Contractor must timely and completely submit required reports and monitoring information required by the conditions of the Stormwater Permit, the Contractor must comply with all other applicable state, municipal or regional laws, ordinances, rules or regulations governing discharge of stormwater, including applicable municipal stormwater management programs.

Article 8 Payment

8.1 Schedule of Values. Prior to submitting its first application for payment, Contractor must prepare and submit to Owner and Architect/Engineer a schedule of values apportioned to the various divisions and phases of the Work. Each line item contained in the schedule of values must be

assigned a value such that the total of all items shall equal the Contract Price. The items must be sufficiently detailed to enable accurate evaluation of the percentage of completion claimed in each application for payment, and the assigned value consistent with any itemized or unit pricing submitted with Contractor's bid.

8.2 Progress Payments. Following the last day of each month, or as otherwise required by the Special Conditions or Specifications, Contractor will submit to Owner and Architect/Engineer for approval, a monthly application for payment for Work performed during the preceding month based on the estimated value of the Work performed during that preceding month.

(A) **Application for Payment.** Each application for payment must be itemized to include labor, materials, and equipment incorporated into the Work, and materials and equipment delivered to the Worksite, as well as authorized and approved Change Orders. Each pay application must be supported by the Contractor's schedule of values and any other substantiating data required by the Contract Documents.

Each application for payment shall be accompanied by completed "Contract Balance Form," a copy of which is provided at the end of Article 8.

(B) **Payment of Undisputed Amounts.** Owner will pay the undisputed amount due, as certified by Architect/Engineer, within thirty (30) days after Contractor has submitted a complete and accurate payment application, subject to Public Contract Code Section 20104.50. Owner will deduct a percentage from each progress payment as retention, as set forth in Section 8.5, below, and may deduct additional amounts as set forth in Section 8.3, below.

8.3 Adjustment of Payment Application. Owner may adjust or reject a payment application, including application for Final Payment, in whole or in part, based upon any of the circumstances listed below. Contractor will be notified in writing of the basis for the adjustment, and will be promptly paid once the basis for that adjustment has been remedied and no longer exists.

(A) Contractor's unexcused failure to perform the Work as required by the Contract Documents, including correction or completion of punch list items;

(B) Loss or damage caused by Contractor or its Subcontractor(s) arising out of or relating to performance of the Work;

- (C) Contractor's failure to pay its Subcontractors and suppliers when payment is due;
- (D) Failure to timely correct rejected, nonconforming, or defective Work;
- (E) Unexcused delay in performance of the Work;
- (F) Any unreleased stop notice, retained as 125% of the amount claimed;
- (G) Failure to submit any required schedule or schedule update in the manner and within the time specified in the Contract Documents;
- (H) Failure to maintain or submit as-built documents in the manner and within the time specified in the Contract Documents;
- (I) Work performed without approved Shop Drawings, when approved Shop Drawings are required before proceeding with the Work;
- (J) Contractor's payroll records are delinquent or inadequate; and
- (K) Any other costs or charges that may be offset against payments due, as provided in the Contract Documents, including liquidated damages.

8.4 Acceptance of Work. Neither Owner's payment of progress payments nor its partial or full use or occupancy of the Project constitutes acceptance of any part of the Work.

8.5 Retention. Owner will retain five percent of the amount due on each progress payment, or the percentage stated in the Notice Inviting Bids, whichever is greater, as retention to ensure full and satisfactory performance of the Work.

(A) ***Substitution of Securities.*** As provided by Public Contract Code Section 22300, Contractor may request in writing that it be allowed, at its sole expense, to substitute securities for the retention withheld by Owner. Any escrow agreement entered into pursuant to this provision will fully comply with Public Contract Code Section 22300, and will be subject to approval as to form by Owner's legal counsel.

(B) ***Release of Undisputed Retention.*** All undisputed retention, less any amounts that may be assessed as liquidated damages, retained for stop notices, or otherwise withheld under Section 8.3 or 8.6 will be released as Final Payment to Contractor no sooner than 35 days following

recordation of the notice of completion, and no later than 60 days following acceptance of the Project by Owner's governing body or authorized designee, or, if the Project has not been accepted, no later than 60 days after the Project is otherwise considered complete under Public Contract Code Section 7107(c).

8.6 Setoff. Owner is entitled to set off any amounts due from Contractor against any payments due to Contractor. Owner's entitlement to setoff includes progress payments as well as Final Payment and release of retention.

8.7 Payment to Subcontractors and Suppliers. Each month, Contractor must promptly pay each Subcontractor and supplier the value of the portion of labor, materials, and equipment incorporated into the Work or delivered to the Worksite by the Subcontractor or supplier during the preceding month. Such payments must be made in accordance with the requirements of the law, and those of the Contract Documents and applicable subcontract or supplier contract.

(A) **Withholding for Stop Notice.** Owner will withhold 125% of the amount claimed by an unreleased stop notice, a portion of which may be retained by Owner for the costs incurred in handling the stop notice claim, including attorneys' fees and costs, as authorized by law.

(B) **Joint Checks.** Owner reserves the right to issue joint checks made payable to the Contractor and its Subcontractors or suppliers. As a condition to release of payment by a joint check, the joint check payees may be required to execute a joint check agreement in a form provided or approved by Owner. The joint check payees will be jointly and severally responsible for the allocation and disbursement of funds paid by joint check. Payment by joint check will not be construed to create a contractual relationship between Owner and a Subcontractor or supplier of any tier beyond the scope of the joint check agreement.

8.8 Final Payment. Final Completion, acceptance of the Work by Owner, and recordation of the Notice of Completion, and any release required by the Contract Documents are conditions precedent to Final Payment and release of undisputed retention, as set forth above. Contractor's application for Final Payment must comply with the requirements for submitting an application for a progress payment as stated in Section 8.2, above. Corrections to previous progress payments, including adjustments to estimated quantities for unit priced items, may be included in the Final Payment. The date of Final Payment is deemed to be effective on the date that Owner acts to release retention as final payment to Contractor, or otherwise provides written notice to Contractor of Final Payment. If the amount due from Contractor to Owner exceeds the amount of Final

Payment, Owner retains the right to recover the balance from Contractor or its sureties.

8.9 Release of Claims. Owner may, at any time, require that payment of the undisputed portion of any progress payment or Final Payment be contingent upon Contractor furnishing Owner with a written release of all claims against Owner arising from or related to the portion of Work covered by those undisputed amounts. Any disputed amounts may be specifically excluded from the release.

8.10 Warranty of Title. Contractor warrants that title to all work, materials, or equipment incorporated into the Work and included in a request for payment will pass over to Owner free of any claims, liens, or encumbrances upon payment to Contractor.

Article 9 Labor Provisions

- 9.1 Discrimination Prohibited.** Discrimination against any prospective or present employee engaged in the Work on grounds of race, color, ancestry, national origin, ethnicity, religion, sex, sexual orientation, age, disability, or marital status is strictly prohibited. Contractor and its Subcontractors are required to comply with all applicable Federal and California laws including the California Fair Employment Practice Act, Government Code Sections 12900 et seq., Government Code Section 11135, and Labor Code Sections 1735, 1777.5, 1777.6, and 3077.5.
- 9.2 Labor Code Requirements.**
- (A) ***Eight Hour Day.*** Under Labor Code Section 1810, eight hours of labor constitute a legal day's work under this Contract.
- (B) ***Penalty.*** Under Labor Code Section 1813, Contractor will forfeit to Owner as a penalty, the sum of \$25.00 for each day during which a worker employed by Contractor or any Subcontractor is required or permitted to work more than eight hours in any one calendar day or more than 40 hours per calendar week, except if such workers are paid overtime under Labor Code Section 1815.
- (C) ***Apprentices.*** Contractor is responsible for compliance with the requirements governing employment and payment of apprentices, as set forth in Labor Code Section 1777.5, which is fully incorporated by reference.
- (D) ***Notices.*** Under Labor Code Section 1771.4, Contractor is required to post all job site notices prescribed by law or regulation.
- 9.3 Prevailing Wages.** Each worker performing Work under this Contract that is covered under Labor Code Section 1720, including cleanup at the Project site, must be paid at a rate not less than the prevailing wage as defined in Sections 1771 and 1774 of the Labor Code. The prevailing wage rates are available online at <http://www.dir.ca.gov/dlsr>. Contractor must post a copy of the applicable prevailing rates at the Worksite.
- (A) ***Penalties.*** Under Labor Code Section 1775, Contractor and any Subcontractor will forfeit to Owner as a penalty up to \$200.00 for each calendar day, or portion a day, for each worker paid less than the applicable prevailing wage rate. Contractor must also pay each worker the difference between the applicable prevailing wage rate and the amount actually paid to that worker.

(B) **Federal Requirements.** If this Project is subject to Federal prevailing wage requirements in addition to California prevailing wage requirements, Contractor and its Subcontractors are required to pay the higher of the current applicable prevailing wage rates under federal law, available online at <http://www.access.gpo.gov/davisbacon/ca.html>, or under California law, available online at <http://www.dir.ca.gov/DLSR>.

9.4 Payroll Records. Contractor must comply with the provisions of Labor Code Sections 1776 and 1812, which are fully incorporated by this reference.

(A) **Contractor and Subcontractor Obligations.** Contractor and each Subcontractor must keep accurate payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed in connection with the Work. Each payroll record must contain or be verified by a written declaration that it is made under penalty of perjury, stating both of the following:

(1) The information contained in the payroll record is true and correct.

(2) The Contractor or Subcontractor has complied with the requirements of Labor Code Sections 1771, 1811, and 1815 for any Work performed by its employees on the Project.

(B) **Certified Record.** A certified copy of an employee's payroll record must be made available for inspection or furnished to the employee or his or her authorized representative on request, to Owner, or to the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations, and as further provided by the Labor Code. Electronic certified payroll records (CPRs) can be uploaded to: <http://www.dir.ca.gov/Public-Works/PublicWorks.html>.

(C) **Enforcement.** Upon notice of noncompliance with Labor Code Section 1776, Contractor or Subcontractor has ten days in which to comply with requirements of this section. If Contractor or Subcontractor fails to do so within the ten day period, Contractor or Subcontractor will forfeit a penalty of \$100.00 per day, or portion a day, for each worker for whom compliance is required, until strict compliance is achieved. Upon request by the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement, these penalties will be withheld from progress payments then due.

9.5 Labor Compliance. Under Labor Code section 1771.4, the Contract for this Project is subject to compliance monitoring and enforcement by the California Department of Industrial Relations.

Article 10 Safety Provisions

10.1 Safety Precautions and Programs. Contractor and its Subcontractors are fully responsible for safety precautions and programs, and for the safety of persons and property in the performance of the Work. Contractor and its Subcontractors must comply with all applicable safety laws, rules and regulations and seek to avoid injury, loss, or damage to persons or property by taking reasonable steps to protect its employees and other persons at the Worksite, materials and equipment stored on or off site, and property at or adjacent to the Worksite.

(A) **Reporting Requirements.** Contractor must immediately provide a written report to Owner of all recordable accidents and injuries occurring at the Worksite. If Contractor is required to file an accident report with a government agency, Contractor will provide a copy of the report to Owner.

(B) **Legal Compliance.** Contractor's safety program must comply with the applicable legal and regulatory requirements. Contractor must provide Owner with copies of all notices required by law or regulation.

(C) **Contractor's Obligations.** Any damage or loss caused by Contractor arising from the Work which is not insured under property insurance must be promptly remedied by Contractor.

(D) **Remedies.** If Owner determines, in its sole discretion, that any part of the Work or Worksite is unsafe, Owner may, without assuming responsibility for Contractor's safety program, require Contractor or its Subcontractor to cease performance of the Work or to take corrective measures to the Owner's satisfaction. If Contractor fails to promptly take the required corrective measures, Owner may perform them and deduct the cost from the Contract Price. Contractor agrees it is not entitled to submit a Claim for damages, for an increase in Contract Price, or for a change in Contract Time based on Contractor's compliance with the Owner's request for corrective measures pursuant to this provision.

10.2 Hazardous Materials. Unless otherwise specified, this Contract does not include the removal, handling, or disturbance of any asbestos or other Hazardous Materials. If Contractor encounters materials on the Worksite that Contractor reasonably believes to be asbestos or other Hazardous Materials, and the asbestos or other Hazardous Materials have not been

rendered harmless, Contractor may continue Work in unaffected areas reasonably believed to be safe, but must immediately cease work on the area affected and report the condition to the Owner. No asbestos, asbestos-containing products or other Hazardous Materials may be used in performance of the Work.

10.3 Material Safety. Contractor must maintain Material Safety Data Sheets (“MSDS”) at the Worksite, as required by law, for materials or substances used or consumed in the performance of the Work. The MSDS shall be accessible and available to Contractor’s employees, Subcontractors, Owner, and Owner’s representatives.

(A) **Contractor Obligations.** Contractor is solely responsible for the proper delivery, handling, use, storage, removal, and disposal of all materials brought to the Worksite and/or used in the performance of the Work.

(B) **Labeling.** Contractor must ensure proper labeling on any material brought onto the Worksite so that any persons working with or in the vicinity of the material may be informed as to the identity of the material, any potential hazards, and requirements for proper handling, protections, and disposal.

Article 11 Completion and Warranty Provisions

11.1 Final Completion.

(A) **Final Inspection.** When the Work required by this Contract is fully performed, Contractor must provide written notification to Architect/Engineer requesting final inspection. Based on this inspection, Architect/Engineer will prepare a punch list of items that are incomplete, incorrectly installed, or not operating as required by the Contract Documents. The omission of any such item from this punch list will not relieve the Contractor from fulfilling all requirements of the Contract Documents.

(B) **Punch List.** Architect/Engineer will promptly deliver the punch list to Contractor and will specify the time by which all of the punch list items must be completed or corrected. The Architect/Engineer may include Owner’s estimated cost to complete each punch list item if Contractor fails to do so within the specified time.

(C) **Requirements for Final Completion.** Final Completion will be achieved upon completion or correction of all punch list items, as verified

by inspection, and upon satisfaction of all other Contract requirements, including any commissioning required under the Contract Documents, and submission of all final submittals, including a warranty bond as required under Section 4.4, instructions and manuals as required under Section 7.10, and as-built drawings as required under Section 7.11, all to Owner's satisfaction. Once Final Completion is achieved, and the Project has been formally accepted by Owner, Owner will file a notice of completion with the County Recorder.

(D) **Final Payment.** Final Payment and release of retention, less any sums withheld pursuant to the provisions of the Contract Documents, will not be made sooner than 35 days after recordation of the notice of completion. If Contractor fails to complete all of the punch list items within the specified time, Owner may elect to accept the Project and record the notice of completion, and withhold up to 150% of Owner's estimated cost to complete the remaining items from Final Payment.

11.2 Warranty.

(A) **General.** Contractor warrants that all materials and equipment will be new unless otherwise specified, of good quality, in conformance with the Contract Documents, and free from defective workmanship and materials. Contractor further warrants that the Work will be free from material defects not intrinsic in the design or materials required in the Contract Documents. At Owner's request, Contractor must furnish satisfactory evidence of the quality and type of materials and equipment furnished. Contractor's warranty does not extend to damage caused by normal wear and tear, or improper use or maintenance.

(B) **Warranty Period.** Contractor's warranty must guarantee its Work for a period of one year from the date of recordation of the notice of completion (the "Warranty Period"), except when a longer guarantee is provided by a supplier or manufacturer or is required by the Specifications or Special Conditions. Contractor must obtain from its Subcontractors, suppliers and manufacturers any special or extended warranties required by the Contract Documents.

(C) **Warranty Documents.** As a condition precedent to acceptance, Contractor must supply Owner with all warranty and guarantee documents relevant to equipment and materials incorporated into the Work and guaranteed by their suppliers or manufacturers.

(D) **Subcontractors.** The warranty obligations in the Contract Documents apply to Work performed by Contractor and its Subcontractors, and Contractor expressly agrees to act as co-guarantor of such Work.

(E) **Contractor's Obligations.** Upon written notice from Owner to Contractor of any defect in the Work discovered during the Warranty Period, Contractor or its responsible Subcontractor must promptly correct the defective Work at its own cost. Contractor's obligation to correct defects discovered during the Warranty Period will continue past the expiration of the Warranty Period as to any defects in Work for which Contractor was notified prior to expiration of the Warranty Period.

(F) **Owner's Remedies.** If Contractor and/or its responsible Subcontractor fails to correct defective Work within ten days following notice by Owner, or sooner, if required by the circumstances, Contractor expressly agrees that Owner may correct the defects to conform with Contract Documents at Contractor's sole expense, and Contractor agrees to reimburse Owner for its costs within 30 days following Owner's submission of a demand for payment pursuant to this provision. If Owner is required to initiate legal action to compel Contractor's compliance with this provision, and Owner is the prevailing party in such action, Contractor is solely responsible for all of Owner's attorney's fees and legal costs expended to enforce Contractor's warranty obligations herein in addition to any and all costs incurred by Owner to correct the defective Work.

11.3 Use Prior to Final Completion. Owner reserves the right to occupy or make use of the Project, or any portions of the Project, prior to Final Completion if Owner has determined that the Project or portion of it is in a condition suitable for the proposed occupation or use, and that it is in its best interest to occupy or make use of the Project, or any portions of it, prior to Final Completion. Owner will notify Contractor in writing of its intent to occupy or make use of the Project or any portions of the Project, pursuant to this provision.

(A) **Non-Waiver.** Occupation or use prior to Final Completion will not operate as acceptance of the Work or any portion of it, nor will it operate as a waiver of any of Owner's rights or Contractor's duties pursuant to these Contract Documents, and will not affect nor bear on the determination of the time of substantial completion with respect to any statute of repose pertaining to the time for filing an action for construction defect.

(B) **Owner's Responsibility.** Owner will be responsible for the cost of maintenance and repairs due to normal wear and tear with respect to those portions of the Project that are being occupied or used before final completion. The Contract Price or the Contract Time may be adjusted pursuant to the applicable provisions of these Contract Documents if, and only to the extent that, any occupation or use under this Section actually adds to Contractor's cost or time to perform the Work.

- 11.4 Substantial Completion.** For purposes of determining “substantial completion” with respect to any statute of repose pertaining to the time for filing an action for construction defect, “substantial completion” is deemed to mean the last date that Contractor or any Subcontractor performs Work on the Project prior to recordation of the Notice of Completion, except for warranty work performed under this Article.

Article 12 Dispute Resolution

- 12.1 Claims.** This Article applies to and provides the exclusive procedures for any Claim arising from or related to the Contract or performance of the Work.

(A) **Definition.** “Claim” means a separate demand by Contractor, submitted in writing, for change in the Contract Time or Contract Price that has previously been submitted to Owner in accordance with the requirements of the Contract Documents, and which has been rejected by Owner, in whole or in part.

(B) **Limitations.** A Claim may only include the portion of a previously rejected demand that remains in dispute between Contractor and Owner. With the exception of any dispute regarding the amount of money actually paid to Contractor as Final Payment, Contractor is not entitled to submit a Claim demanding a change in the Contract Time or the Contract Price, which has not previously been submitted to Owner in full compliance with Article 5 and Article 6, and subsequently rejected in whole or in part by Owner.

(C) **Scope of Article.** This Article is intended to provide the exclusive procedures for submission and resolution of Claims of any amount, and applies in addition to the provisions of Public Contract Code Sections 20104, et seq.

- 12.2 Claims Submission.** The following requirements apply to any Claim subject to this Article:

(A) **Substantiation.** The Claim must be submitted to Owner in writing and must include all of the documents necessary to substantiate the Claim including the change order request that was rejected in whole or in part, and Owner’s rejection. Any Claim for additional payment must include a complete, itemized breakdown of all labor, materials, taxes, insurance, and subcontract, or other costs. Substantiating documentation such as payroll records, receipts, invoices, or the like, must be submitted in

support of each claimed cost. Any Claim for an extension of time or delay costs must be substantiated with schedule analysis and narrative depicting and explaining claimed time impacts.

(B) ***Submission Deadlines.***

(1) A Claim must be submitted within 15 days following the date that Owner notified Contractor in writing that a request for a change in the Contract Time or Contract Price, duly submitted in compliance with Article 5 and Article 6, has been rejected in whole or in part.

(2) With the exception of any dispute regarding the amount of Final Payment, any Claim must be filed on or before the date of Final Payment, or will be deemed waived.

(3) A Claim disputing the amount of Final Payment must be submitted within 15 days of the effective date of Final Payment, under Section 8.8, above.

(4) Strict compliance with these Claim submission deadlines is necessary to ensure that any dispute may be mitigated as soon as possible, and to facilitate cost-efficient administration of the Project. Any Claim that is not submitted within the specified deadlines will be deemed waived by Contractor.

12.3 Claims Under \$50,000. For any Claim of less than \$50,000.00, Owner will respond in writing within 45 days of receipt of the Claim, or may first request, in writing, within 30 days of receipt of the Claim, any additional documentation supporting the Claim or relating to defenses to the Claim that Owner may have against Contractor. If Contractor fails to submit the additional documentation to Owner within 15 days of receipt of Owner's request, the claim will be deemed waived.

(A) ***Additional Information.*** If additional information is thereafter required, it may be requested and provided upon mutual agreement of Owner and Contractor.

(B) ***Owner's Response.*** Owner's written response to the Claim, as further documented, will be submitted to Contractor within 15 days after receipt of the further documentation or within a period of time no greater than that taken by Contractor in producing the additional information, whichever is greater.

(C) ***Non-Waiver.*** Any failure by Owner to respond within the times specified above may not be construed as acceptance of the Claim in

whole or in part, or as a waiver of any provision of these Contract Documents.

12.4 Claims From \$50,000 to \$375,000. For any Claim of over \$50,000.00, and less than or equal to \$375,000.00, Owner will respond in writing within 60 days of receipt of the Claim, or may request, in writing, within 30 days of receipt of the Claim, any additional documentation supporting the Claim or relating to the defenses to the Claim that Owner may have against Contractor. If Contractor fails to submit the additional documentation to Owner within 30 days of receipt of Owner's request, the claim will be deemed waived.

(A) **Additional Information.** If additional information is thereafter required, it may be requested and provided upon mutual agreement of Owner and Contractor.

(B) **Owner's Response.** Owner's written response to the Claim, as further documented, will be submitted to Contractor within 30 days of receipt of the further documentation, or within a period of time no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater.

(C) **Non-Waiver.** Any failure by Owner to respond within the times specified above may not be construed as acceptance of the Claim in whole or in part, or as a waiver of any provision of these Contract Documents.

12.5 Claims Over \$375,000. For any Claim of over \$375,000.00, Owner will respond in writing within 90 days of receipt of the Claim. Owner may request, in writing, within 45 days of receipt of the Claim, any additional documentation supporting the Claim relating to defenses to the Claim that Owner may have against the Contractor. If Contractor fails to submit the additional documentation to Owner within 45 days of receipt of Owner's request, the claim will be deemed waived.

(A) **Additional Information.** If additional information is thereafter required, it may be requested and provided upon mutual agreement of Owner and Contractor.

(B) **Owner's Response.** Owner's response to the Claim, as further documented, will be submitted to Contractor within 45 days after receipt of the further documentation, or within a period of time no greater than that taken by Contractor in producing the additional information or requested documentation, whichever is greater.

(C) **Non-Waiver.** Any failure by Owner to respond within the times specified above may not be construed as acceptance of the Claim in whole or in part, or as a waiver of any provision of these Contract Documents.

12.6 Meet and Confer.

(A) **Claims up to \$375,000.** For Claims less than or equal to \$375,000.00, if Contractor disputes the Owner's written response, or Owner fails to respond within the specified time, Contractor must notify Owner in writing, either within 15 days of receipt of Owner's response, or within 15 days of Owner's failure to respond within the specified time, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. If Contractor fails to dispute Owner's response, in writing, within the specified times, Contractor's Claim will be deemed waived.

(1) Upon receipt of the demand to meet and confer, Owner will schedule the meet and confer conference to be held within 30 days, or later if needed to ensure the mutual availability of all of the individuals that each party requires to represent its interests at the meet and confer conference.

(2) The meet and confer conference will be scheduled at a location at or near Owner's principal office.

(3) If the Claim or any portion remains in dispute following the meet and confer conference, the parties may agree to mediation, as set forth in Section 12.7, below, or if unable to agree, Contractor may file a claim as provided in Government Code Section 900 et seq. (a "Government Code Claim").

(B) **Claims over \$375,000.** For any Claim greater than \$375,000.00, if Contractor disputes the Owner's written response, or Owner fails to respond within the specified time, Contractor must notify Owner in writing, either within 30 days of receipt of Owner's response, or within 30 days of Owner's failure to respond within the specified time, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. If Contractor fails to dispute Owner's response, in writing, within the specified times, Contractor's Claim will be deemed waived.

(1) Upon receipt of the demand to meet and confer, Owner will schedule the meet and confer conference to be held within 60 days, or later if needed to ensure the mutual availability of all of the

individuals that each party requires to represent its interests at the meet and confer conference.

(2) The meet and confer conference will be scheduled at a location at or near Owner's principal office.

(3) For any Claim or any portion(s) of a Claim that remains in dispute following the meet and confer conference, the parties agree to make a good faith effort to resolve the dispute through mediation as a condition precedent to filing a Government Code Claim and initiating litigation.

12.7 Mediation and Government Code Claims.

(A) **Mediation.** Mediation under this Article will be scheduled within 60 days following conclusion of the meet and confer process, with a mediator that the parties mutually agreed upon. The mediation itself may take place more than 60 days following conclusion of the meet and confer process to ensure the mutual availability of the selected mediator and all of the individuals that each party requires to represent its interests. The parties must share the costs of mediation equally, except costs incurred by each party for representation by legal counsel or any other consultant.

(B) Government Code Claims.

(1) Timely presentment of a Government Code Claim is a condition precedent to filing any legal action based on or arising from the Contract.

(2) The time for filing a Government Code Claim will be tolled from the time the Contractor submits its written Claim pursuant to Section 12.2, above, until the time that Claim is denied as a result of the meet and confer process, including any period of time used by the meet and confer process. If the parties agree to mediation pursuant to Section 12.7, below, the time for filing a Government Code Claim will be tolled until conclusion of the mediation by impasse.

12.8 Tort Claims. This Article does not apply to tort claims and nothing in this Article is intended nor shall be construed to change the time periods for filing tort-based Government Code Claims.

12.9 Arbitration. It is expressly agreed, under California Civil Code Section 1296, that in any arbitration to resolve a dispute relating to this Contract, the arbitrator's award must be supported by law and substantial evidence.

12.10 Damages. Contractor is not entitled to recovery of any alleged home office overhead. The Eichleay Formula may not be used for any recovery under the Contract. Contractor is not entitled to consequential damages, including home office overhead or any form of overhead not directly incurred at the Worksite; lost profits; loss of productivity; lost opportunity to work on other projects; diminished bonding capacity; increased cost of financing for the Project; extended capital costs; non-availability of labor, material or equipment due to delays; or any other indirect loss arising from the Contract.

12.11 Multiple Claims. In the interest of efficiency, Owner, acting in its sole discretion, may elect to process multiple Claims concurrently, in which case the applicable procedures above will be based on the total amount of such Claims rather than the amount of each individual Claim. Any such election will not operate to change or waive any other requirements of this Article.

Article 13 Suspension and Termination

13.1 Suspension for Cause. In addition to all other remedies available to Owner, if Contractor fails to perform or correct work in accordance with the Contract Documents, Owner may immediately order the Work, or any portion of it, suspended until the cause for the suspension has been eliminated to Owner's satisfaction.

(A) ***Failure to Comply.*** Contractor will not be entitled to an increase in Contract Time or Contract Price for a suspension occasioned by Contractor's failure to comply with the Contract Documents.

(B) ***No Duty to Suspend.*** Owner's right to suspend the Work will not give rise to a duty to suspend the Work, and Owner's failure to suspend the Work will not constitute a defense to Contractor's failure to comply with the requirements of the Contract Documents.

13.2 Suspension for Convenience. Owner reserves the right to suspend, delay, or interrupt the performance of the Work in whole or in part, for a period of time determined to be appropriate for Owner's convenience, and not due to any act or omission by Contractor or its Subcontractors. Upon notice by Owner pursuant to this provision, Contractor must immediately suspend, delay, or interrupt the Work as directed by Owner. The Contract Price and the Contract Time will be equitably adjusted by Change Order to reflect the cost and delay impact occasioned by such suspension for convenience.

13.3 Termination for Default. Contractor may be deemed in default for a material breach of or inability to perform the Contract, including Contractor's refusal or failure to supply sufficient skilled workers, proper materials, or equipment to perform the Work within the Contract Time; refusal or failure to make prompt payment to its employees, Subcontractors, or suppliers or to correct rejected work; disregard of laws, regulations, ordinances, rules, or orders of any public agency with jurisdiction over the Project; or if Contractor lacks financial capacity to complete the Work within the Contract Time; or is otherwise responsible for a material breach of the Contract requirements.

(A) **Notice.** Upon Owner's determination that Contractor is in default, Owner may provide Contractor and its surety written notice of default and intent to terminate the Contract.

(B) **Termination.** Within seven calendar days after notice of intent to terminate for default has been given, unless the default is cured or arrangements to cure the default have been made and memorialized in writing, to Owner's satisfaction, Owner may terminate the Contract by written notice to Contractor with a copy to Contractor's surety.

(C) **Waiver.** Time being of the essence in the performance of the Work, if Contractor's surety fails to arrange for completion of the Work in accordance with the Performance Bond, within seven calendar days from the date of the notice of termination, Contractor's surety will be deemed to have waived its right to complete the Work under the Contract, and Owner may immediately make arrangements for the completion of the Work through use of its own forces, by hiring a replacement contractor, or by any other means that Owner determines advisable under the circumstances. Contractor and its surety will be jointly and severally liable for any additional cost incurred by Owner to complete the Work following termination. In addition, Owner will have the right to use any materials, supplies, and equipment belonging to Contractor and located at the Worksite for the purposes of completing the remaining Work.

(D) **Wrongful Termination.** If a court of competent jurisdiction or an arbitrator later determines that the termination for default was wrongful, the termination will be deemed to be a termination for convenience, and Contractor's damages will be strictly limited to the compensation provided for termination for convenience, in Section 13.4, below. Contractor waives any claim for any other damages for wrongful termination including consequential damages, lost opportunity costs or lost profits.

13.4 Termination for Convenience. Owner reserves the right to terminate all or part of the Contract for convenience upon written notice to Contractor.

Upon receipt of such notice, Contractor must immediately stop the Work, comply with Owner's instructions to protect the completed Work and materials, and use its best efforts to minimize further costs. In the event of termination for convenience, the parties agree that the following will constitute full and fair compensation to Contractor, and that Contractor will not be entitled to any additional compensation:

(A) **Completed Work.** The value of its Work satisfactorily performed to date, including Project overhead and profit based on Contractor's schedule of values;

(B) **Demobilization.** Actual and substantiated demobilization costs; and

(C) **Markup.** Five percent of the total value of the Work performed as of the date of notice of termination or five percent of the value of the Work yet to be completed, whichever is less.

13.5 Provisions Remaining in Effect. Upon termination pursuant to this Article, the provisions of the Contract Documents remain in effect as to any claim, indemnity obligation, warranties, guarantees, submittals of as-built drawings, instructions, or manuals, or other such rights and obligations arising prior to the termination date.

Article 14 Miscellaneous Provisions

14.1 Assignment of Unfair Business Practice Claims. Under Public Contract Code Section 7103.5, Contractor and its Subcontractors agree to assign to Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Contract or subcontract. This assignment will be effective at the time Owner tenders Final Payment to Contractor, without further acknowledgement by the parties.

14.2 Provisions Deemed Inserted. Every provision of law required to be inserted in the Contract Documents is deemed to be inserted, and the Contract Documents will be construed and enforced as though such provision has been included. If it is discovered that through mistake or otherwise that any required provision was not inserted, or not correctly inserted, the Contract Documents will be amended accordingly.

- 14.3 Waiver.** No waiver of a breach, failure of any condition, or any right or remedy contained in or granted by the provisions of the Contract Documents will be effective unless it is in writing and signed by the party waiving the breach, failure, right, or remedy. No waiver of any breach, failure, right, or remedy will be deemed a waiver of any other breach, failure, right, or remedy, whether or not similar, nor will any waiver constitute a continuing waiver unless specified in writing by the waiving party.
- 14.4 Titles, Headings, and Groupings.** The titles and headings used and the groupings of provisions in the Contract Documents are for convenience only and may not be used in the construction or interpretation of the Contract Documents or relied upon for any other purpose.
- 14.5 Statutory and Regulatory References.** With respect to any amendments to any statutes or regulations referenced in these Contract Documents, the reference is deemed to be the version in effect on the date that that bids were due.

SPECIAL CONDITIONS

1.1 **Shop Drawings.** Whenever shop drawings are required by the Contract Documents or by Engineer, Contractor shall submit five (5) prints of each shop drawing to Engineer. The term "shop drawing" includes detail design calculations, fabrication and installation drawings, lists, graphs, operation instructions, etc.

1.1.1 If three prints of the drawing are returned to Contractor marked "NO EXCEPTIONS TAKEN," further revision of the drawings will not be required. If one print of the drawing is returned to Contractor marked "REVISE AND RESUBMIT," Contractor shall revise the drawing and resubmit five (5) copies of the revised drawing to Engineer. Owner reserves the right to withhold payment due Contractor to cover additional costs of Engineer's review beyond the second submission.

1.1.2 Fabrication of an item shall not commence before Engineer has reviewed the pertinent shop drawings and returned copies to Contractor marked either "NO EXCEPTIONS TAKEN" or "MAKE CORRECTIONS NOTED."

1.1.3 Revisions indicated on shop drawings are deemed necessary to meet the existing requirements of the Contract Documents and shall not be taken as the basis of claims for extra work. Contractor shall have no claim for damages or extension of time due to any delay resulting from making the required revisions to shop drawings. Engineer's review of the shop drawings shall not relieve the Contractor of responsibility for any errors or omissions contained in the shop drawings nor shall such review operate to waive or modify any provision contained in the Contract Documents.

1.1.4 City shall provide water required for performance of the Work. Contractor is responsible for the appropriate disposal of waste water in coordination with City personnel. Contractor shall provide a backflow preventer on all point of connections to the City Water System. All backflow preventers shall be checked and approved by the City Water Division. Contractor shall provide a deposit (refundable) and make necessary arrangements to pick up a hydrant meter at the Morgan Hill Public Works Office. At the completion of the Project, if the hydrant meter is not returned promptly or if it is damaged, Contractor shall forfeit its deposit.

1.1.5 The Contractor shall provide and use equipment and plants suitable to produce the quality of work and materials required by the Contract Documents. Contractor may be required to remove equipment which the Engineer deems unsuitable for the Work. Contractor shall ensure that

equipment is operated by trained, experienced operators, and at a speed or rate of production not to exceed that recommended by the manufacturer. Any vehicles used to haul materials over existing streets and highways shall be equipped with pneumatic tires.

2.1 Lines and Grades. Engineer shall set the stakes or marks necessary to establish the lines and grades required for the completion of the Work in accordance with the Contract Documents. Contractor shall give at least two (2) working days notice to Engineer of the need for setting any lines and grades.

2.1.1 Distances and measurements are given and will be made in a horizontal plane. Grades are given from the top of stakes or nail unless otherwise noted. Three consecutive points shown on the same rate of slope must be used in common in order to detect any variation from a straight grade. Any variation from a straight grade, straight slope or line, must be reported to the Engineer. If such discrepancy is not reported to the Engineer, the Contractor shall be responsible for any error in the finished work.

2.1.2 The Contractor shall preserve all stakes and points set for lines, grades or measurements of the work in their proper places until authorized by the Engineer to remove them. All expense incurred by replacing stakes that have been removed without proper authority may be deducted from any payment due to the Contractor.

3.1 Disposal of Materials Outside of Street Right-of-Way. Unless otherwise specified in the Specifications or Supplemental General Conditions, Contractor is solely responsible for disposing of materials outside the street right-of-way and for all associated costs. Before disposing materials outside the street right-of-way, Contractor shall 1) obtain a written release from the property owner releasing Owner from any and all responsibility in connection with the disposal of material on that property; and 2) obtain permission from the Engineer to dispose of the material at the permitted location.

4.1 Emergency Contact. Prior to the commencement of Work on the Project, Contractor shall provide contact information to Engineer for the person designated by Contractor to respond to any emergency that arises on the Worksite during the course of the Project. That person shall be responsible for responding to the Worksite within thirty (30) minutes following notification of an emergency by the City's Police or Fire Department, regardless of the time of day.

5.1 Right-of-Way. Owner shall provide the right-of-way for performance of the Work. Contractor is solely responsible for any additional area required outside of the designated the right-of-way, unless otherwise provided in the Contract Documents.

5.1.1 Environmental Control. Contractor shall not pollute any drainage course or its tributary inlets with fuels, oils, bitumens, acids, insecticides, herbicides or other harmful materials. Contractor and its subcontractors shall at all times in the performance of the Work comply with all applicable federal, state, and local laws and regulations concerning pollution of waterways.

6.1 Authorized Work Days and Hours.

6.1.1 Authorized Work Days. Except as expressly authorized in writing by Owner, Contractor is limited to performing Work on the Project on the following days of the week, excluding holidays observed by Owner:

Monday to Friday

6.1.2 Authorized Work Hours. Except as expressly authorized in writing by Owner, Contractor is limited to performing Work on the Project during the following hours:

7 am to 5 pm

6.1.3 Pre-Construction Conference. Contractor will attend the Pre-Construction Conference, during which Construction Manager will review the Contract administration procedures and Project requirements.

6.1.4 Contractor's Construction Schedule. Construction Manager will review Contractor's construction schedules and will verify that each schedule is prepared in accordance with the requirements of the Contract Documents.

PART D - TECHNICAL PROVISIONS

D1 GENERAL REQUIREMENTS

1.01 ORDER OF WORK

- a. Description: Order of work shall conform to the provisions in Section 5-1.05, "Order of Work," of the Standard Specifications and these special provisions.

Upon scheduled date of the preconstruction meeting, Contractor shall develop, prepare and submit both a Sanitary Sewer Replacement Logistics Plan (SSRLP) to the Engineer for review and approval. The SSRLP shall show contractor's construction methodology to be implemented in order to maintain Sanitary Sewer throughout construction. SSRLP will also include staging, traffic control, and construction area sign layout.

Upon a scheduled date of the preconstruction meeting, Contractor shall provide a construction schedule as specified in Section 1.09, Progress Schedule of these Technical Provisions, for the Engineer's approval.

Contractor shall notify and distribute notices to all affected residents and businesses a minimum of 48 hours but no earlier than 72 hours prior to affecting the resident's or business' sanitary sewer and water systems.

Contractor shall maintain ingress/egress, sewage laterals (if any) for all businesses and residents during their normal hours. Contractor and Engineer shall meet with all affected businesses and residents to coordinate construction schedule, hours of work, maintaining of ingress/egress and reconstruction and replacement intentions to businesses' and residents' facilities that will be impacted during construction.

Contractor shall record (video or DVD) site survey of all existing facilities in the vicinity of work to insure all appurtenances are restored in-kind following construction activities for the sanitary sewer main replacement.

The Santa Clara County Roads and Airports Department encroachment permit #09120275 shall be included as part of the contract documents. The requirements from this permit will be fully enforced.

The contractor shall cooperate with utility companies (P G & E, Verizon, Charter Cable and others) as well as other projects in the area. The contractor shall coordinate all their activities with the utility companies and contractors to provide them with sufficient time and opportunity to locate or relocate their facilities, if needed.

The contractor shall perform all work for the project between 7AM to 5PM, Monday through Friday, unless otherwise directed and approved by the Engineer. Unless authorized by the Engineer, there shall be no work performed at night or on Saturday, Sunday or Public Holidays. If authorized by the Engineer, night work shall be conducted

between 10PM to 6AM, Monday through Friday only. The contractor shall not work on City observed holidays.

- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Order of Work" including development, preparation and submittal of SSRLP and coordination with utility companies and contractors, and notification to all affected residents and businesses shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefore.

1.02 MAINTAINING TRAFFIC

- a. Description: Attention is directed to Sections 7-1.08, "Public Convenience," 7-1.09, "Public Safety," and 12, "Construction Area Traffic Control Devices," of the Standard Specifications, to the provisions in "Public Safety" of the General Requirements and to Section 2.03 of the Technical Provisions. Nothing in these requirements shall be construed as relieving the Contractor from the responsibilities specified in Section 7-1.09 of the Standard Specifications.

Flaggers shall be provided at non-signalized intersections when traffic conditions warrant as determined by the Engineer. At least one lane of traffic shall be provided through the construction area during construction, unless otherwise specifically authorized by the Engineer. Two lanes of traffic shall be provided through the project area during non-construction time.

Vehicular, pedestrian, and customer access to all properties, driveways, sidewalks, patios, doorways, entrances and parking lots shall be maintained at all times. Contractor shall provide trench plates where necessary to accommodate access or provide other means of access.

The Contractor must submit a Stage Construction Plan, including the project's traffic control plan, at least two weeks prior to beginning of work, to both the City of Morgan Hill and the County of Santa Clara for review and approval.

- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Maintaining Traffic," including preparation and modification of a Stage Construction Plan (including the project's traffic control plan) shall be considered as included in the contract lump sum price paid for Traffic Control System, and no additional compensation will be allowed therefor.

1.03 PUBLIC SAFETY

- a. Description: The Contractor shall provide for the safety of traffic and the public in conformance with the provisions in Section 7-1.09, "Public Safety," of the Standard Specifications and these technical provisions.

The Contractor shall install temporary railing (Type K) between a lane open to public traffic and an excavation, obstacle or storage area when the following conditions exist:

- 1) Excavations.—The near edge of the excavation is 12 feet or less from the edge of the lane, except:
 - a) Excavations covered with sheet steel or concrete covers of adequate thickness to prevent accidental entry by traffic or the public.
 - b) Excavations less than one foot deep.
 - c) Trenches less than one foot wide for irrigation pipe or electrical conduit, or excavations less than one foot in diameter.
 - d) Excavations parallel to the lane for the purpose of pavement widening or reconstruction.
 - e) Excavations in side slopes, where the slope is steeper than 1:4 (vertical:horizontal).
 - f) Excavations protected by existing barrier or railing.
- 2) Temporarily Unprotected Permanent Obstacles.—The work includes the installation of a fixed obstacle together with a protective system, such as a sign structure together with protective railing, and the Contractor elects to install the obstacle prior to installing the protective system; or the Contractor, for the Contractor's convenience and with permission of the Engineer, removes a portion of an existing protective railing at an obstacle and does not replace such railing complete in place during the same day.
- 3) Storage Areas.—Material or equipment is stored within 12 feet of the lane and the storage is not otherwise prohibited by the provisions of the Standard Specifications and these technical provisions. Contractor shall also locate and secure a construction storage area. The storage area shall be subject to review, correction and acceptance by the Engineer prior to authorizing a "Notice to Proceed."

Except for installing, maintaining and removing traffic control devices, whenever work is performed or equipment is operated in the following work areas, the Contractor shall close the adjacent traffic lane unless otherwise provided in the Standard Specifications and these technical provisions:

Approach Speed of Public Traffic (Posted Limit)	Work Areas
45 Miles Per Hour	Within 6 feet of a traffic lane but not on a traffic lane
35 to 45 Miles Per Hour	Within 3 feet of a traffic lane but not on a traffic lane

The lane closure provisions of this section shall not apply if the work area is protected by permanent or temporary railing or barrier.

When traffic cones or delineators are used to delineate a temporary edge of a traffic lane, the line of cones or delineators shall be considered to be the edge of the traffic lane, however, the Contractor shall not reduce the width of an existing lane to less than 10 feet without written approval from the Engineer.

When work is not in progress on a trench or other excavation that required closure of an adjacent lane, the traffic cones or portable delineators used for the lane closure shall be placed off of and adjacent to the edge of the traveled way. The spacing of the cones or delineators shall be not more than the spacing used for the lane closure. Suspended loads or equipment shall not be moved nor positioned over public traffic or pedestrians.

- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Public Safety," including furnishing and installing traffic control devices including channelizers, cones and temporary crash cushion modules, shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

1.04 EXCAVATION SAFETY PLANS

- a. Description: Section 5-1.02A, "Trench Excavation Safety Plans," of the CSS is amended to read:

5-1.02A EXCAVATION SAFETY PLANS

- The Contractor is solely responsible for excavation safety, including support to all adjacent improvements. This requirement is continuous and not limited to normal working hours.
- The Construction Safety Orders of the Division of Occupational Safety and Health shall apply to all excavations. For all excavations 5-feet or more in depth, the Contractor shall submit to the Engineer a detailed plan showing the design and details of the protective systems to be provided for worker protection from the hazard of caving ground during excavation. The detailed plan shall include any tabulated data and any design calculations used in the

preparation of the plan. Excavation shall not begin until the detailed plan has been reviewed and approved by the Engineer.

- Detailed plans of protective systems for which the Construction Safety Orders require design by a registered professional engineer shall be prepared and signed by an engineer who is registered as a Civil Engineer in the State of California, and shall include the soil classification, soil properties, soil design calculations that demonstrate adequate stability of the protective system, and any other design calculations used in the preparation of the plan.
- No plan shall allow the use of a protective system less effective than that required by the Construction Safety Orders.
- If the detailed plan includes designs of protective systems developed only from the allowable configurations and slopes, or Appendices, contained in the Construction Safety Orders, the plan shall be submitted at least 5 days before the Contractor intends to begin excavation. If the detailed plan includes designs of protective systems developed from tabulated data, or designs for which design by a registered professional engineer is required, the plan shall be submitted at least 3 weeks before the Contractor intends to begin excavation.
- Attention is directed to Section 7-1.01E, "Trench Safety" of the Standard Specifications.

- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Excavation Safety Plans" shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

1.05 DUST CONTROL

- a. Description: Dust control shall conform to the provisions in Section 10, "Dust Control," of the Standard Specifications and these Technical Provisions.
- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Dust Control" shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

1.06 WATER POLLUTION CONTROL

- a. General: Water pollution control work shall conform to the provisions in Section 7-1.01G, "Water Pollution," of the Standard Specifications and these specifications.

For the entire duration of construction activities for this project, the California Stormwater Quality Association (CASQA) Best Management Practice (BMP) Handbook for construction shall be used. Furthermore, contractor is fully responsible to provide erosion and sediment control for the entire construction site at all times. Contractor shall be responsible for initiating the required control measures. CASQA BMP information can be viewed and downloaded at

<http://cabmphandbooks.com>

The Contractor shall know and fully comply with the applicable provisions of the Manuals and Federal, State, and local regulations that govern the Contractor's operations and storm water discharges from both the project site and areas of disturbance outside the project limits during construction.

Under no circumstances, shall concrete wash water, water from sawcutting operations or any other contaminated water be allowed to enter the storm drain system or other drainage courses.

The City assumes no responsibility whatsoever to the Contractor or a property owner with respect to any arrangements made between the Contractor and the property owner to allow disturbance of areas outside the project limits.

The Contractor shall be responsible for the costs and for liabilities imposed by law as a result of the Contractor's failure to comply with the requirements set forth in this section "Water Pollution Control" including, but not limited to, compliance with the applicable provisions of the Manuals and Federal, State, and local regulations. For the purposes of this paragraph, costs and liabilities include, but are not limited to, fines, penalties, and damages whether assessed against the City or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

In addition to the remedies authorized by law, an amount of the money due the Contractor under the contract, as determined by the City, may be retained by the City disposition has been made of the costs and liabilities.

The retention of money due the Contractor shall be subject to the following:

- 1) The City will give the Contractor 30 days notice of the City's intention to retain funds from partial payments, which may become due to the Contractor prior to acceptance of the contract. Retention of funds from payments made after acceptance of the contract may be made without prior notice to the Contractor.
- 2) No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.06, "Partial Payments," of the Standard Specifications.
- 3) If the City has retained funds and it is subsequently determined that the City is not subject to the costs and liabilities in connection with the matter for which the retention was made, the City shall be liable for interest on the amount retained at the legal rate of interest for the period of the retention.

Conformance with the provisions in this section "Water Pollution Control" shall not relieve the Contractor from the Contractor's responsibilities as provided in Section 7, "Legal Relations and Responsibilities," of the Standard Specifications.

- b. Measurement and Payment: Full compensation for water pollution control, including furnishing all labor, materials tools, equipment, and incidentals, and for doing all the work involved in planning, implementing, and maintaining of the water pollution control shall be considered as included in the lump sum price paid for Water Pollution Control, (Bid Item 4), and no separate payment will be made therefor.

1.07 DAMAGE REPAIR

- a. Description: Attention is directed to Section 7-1.16, “Contractor’s Responsibility for the Work and Materials,” and Section 7-1.11, “Preservation of Property,” of the Standard Specifications and these Technical Provisions. Attention is also directed to Section 1.01, “Order of Work” in these Technical Provisions.

Any damage to existing facilities or properties or any need to alter, remove, or destroy existing facilities during the period of the work shall be returned to the original condition.

- b. Measurement and Payment: All damage to existing facilities shall be repaired and or replaced at the Contractor’s expense.

1.08 RESPONSIBILITY FOR DAMAGE

- a. General: Responsibility for damage shall conform to the provisions in Section 7-1.12, “Responsibility for Damage,” of the Standard Specifications.

1.09 PROGRESS SCHEDULE

- a. General: The progress schedule shall be in accordance with Section 8-1.04 of the CSS. Furthermore, on a weekly basis, the schedule shall be updated and submitted to the Engineer. This update shall show the progress on salient features, mark the dates of completion and incorporate changes in construction sequencing or in items of construction.
- b. Format: The construction schedule shall be a CPM format. The schedule shall be submitted in the following formats: Time-scaled Logic Diagram showing the name of the activity, the logical relationships, the duration, and the actual or scheduled start dates in a bar chart format; and an Activity Report showing the name of the activity, the actual and scheduled finish and start dates, the scheduled and actual durations, the logical relationships and other pertinent data. The schedule shall be subject to review, correction and acceptance by the Engineer.
- c. Periodic Scheduling Meetings: Weekly scheduling meetings will be required in which the project teams of the Contractor and his agents and the City can meet to discuss the schedule and progress of project.
- d. Measurement and Payment: Full compensation for conforming to the provisions in this section "Progress Schedule" shall be considered as included in the contract prices paid for

the various items of work involved and no additional compensation will be allowed therefor.

1.10 COORDINATION OF WORK

- a. Description: The Contractor shall give specified notifications, and withdraw his forces from work areas for the specified time windows for utility companies to perform specified relocation activities. The Contractor shall otherwise coordinate their operations with those of utility companies.

The Contractor shall also be responsible for coordinating the work with businesses and property owners including the shut-downs by written notification. All properties affected by shutdowns shall be notified in writing, 48 hours prior to the interruption. The contractor shall attempt to notify the affected occupants or residents, in person, on the same day of the shut down.

Contractor and Engineer shall meet with all affected businesses to coordinate construction schedule, hours of work, maintaining of ingress/egress and reconstruction and replacement intentions to businesses' facilities that will be impacted during construction.

Failure to notify property owners with written notification shall result in stopping the project progress.

- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Coordination of Work" shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

1.11 FINAL CLEAN UP

- a. Description: The Contractor shall clean up all rubbish and excess materials from the work site, the material storage site, and all ground occupied by Contractor in connection with this work. The Contractor shall leave all parts of the work in a neat and presentable condition, prior to the final inspection of the work by the Engineer.
- b. Measurement and Payment: Full compensation for conforming to the provisions in this section "Final Clean Up" shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

1.12 PROJECT RECORDS AND SUBMITTALS

- a. Description: This section delineates the procedure the Contractor is to adhere to in the submission of documentation for material approval, and covers the records required of the Contractor following completion of the work.

a. Submittals

b. Progress Schedule:

Within 7 days after receiving the Notice to Proceed and before any work is begun, the Contractor shall submit four copies of a Progress Schedule complying with Section 1.09 of these Technical Provisions. The first progress payment will not be issued until the progress schedule is submitted.

c. Supervisory Personnel:

The Contractor shall submit a list of supervisory personnel who will be responsible for the performance of the Contract. The Contractor shall designate one (1) person who will have full decision' making authority to represent the Contractor on a daily basis at the project site. The list will include phone numbers where the personnel may be reached by the Engineer.

d. Shop Drawings:

The term "shop drawings" includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the Contractor to explain in detail specific portions of the work required by the Contract. City shall have up to 20 days to review the shop drawings.

At least 15 working days prior to ordering of any materials, the Contractor shall forward to Engineer, for approval, all submittals required by the individual sections of the specifications. Unless a different number is called for by an individual section, six (6) copies of each shop drawing, material description, and specification literature and three specimens of each sample are required, all of which will be retained or distributed by the Engineer. The Contractor shall submit whatever additional number of shop drawings and literature, in addition to the above requirements, that the Contractor wants returned. The Engineer may require the Contractor to submit a legible reproducible print in addition to the above copies. Contractor shall number each type of material separately and identify the use of each material.

All submittals shall be transmitted to the Engineer by mail or in person with the letter of transmittal included in these documents. The Engineer will return all reviewed submittals to the Contractor within 10 working days.

Contractor shall coordinate all such drawings, and review them for legibility, accuracy, completeness, and compliance with contract requirements, and shall indicate approval thereon as evidence of such coordination and review. Shop drawings submitted to the Engineer without evidence of the Contractor's approval

will be returned for resubmission.

Approval by the Engineer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with requirements of this Contract, except with respect to variations described and approved in accordance with the Paragraph below.

If shop drawings show variations from contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at time of submission. All such variation must be approved by the Engineer.

e. Engineer's Approval:

The Engineer will indicate approval or disapproval of each submittal, and the reasons for disapproval.

- a) If no corrections are required, the copies will be returned marked "NO EXCEPTIONS TAKEN" and work may begin immediately on incorporating the material and equipment covered by the submittal into the project.
- b) If limited corrections are required, the copies will be returned marked "MAKE CORRECTIONS NOTED." Work may begin immediately on incorporating the material and equipment covered by the corrected submittal into the project.
- c) If insufficient or incorrect data has been submitted, the copies will be returned marked "AMEND & RESUBMIT." No work incorporating the material and equipment covered by this submittal into the project may begin until the submittal has been revised, resubmitted, and returned marked either "NO EXCEPTIONS TAKEN" or "MAKE CORRECTIONS NOTED."
- d) If the submittal is unacceptable, the copies will be returned marked "REJECTED - SEE REMARKS." No work incorporating the material and equipment covered by this submittal into the project may begin until a new submittal has been made and returned marked either "NO EXCEPTIONS TAKEN" or "MAKE CORRECTIONS NOTED."
- e) The Contractor shall not change any drawing after it has been marked "NO EXCEPTIONS TAKEN" or "MAKE CORRECTIONS NOTED", or change any approved equipment or material without written permission of Engineer.
- f) If more than three submittals for a single item are required because of incorrect or insufficient data, or the submittal is unacceptable, or because the Contractor wishes to change previously approved material, then all costs incurred by the Engineer for the additional review shall be deducted from monies due the Contractor.

- f. **Certificates:**
For those items called for in individual sections, the Contractor must furnish certificates from manufacturers, suppliers, or others certifying that materials or equipment being furnished under the Contract comply with the requirements of these specifications.

Certificates of compliance shall conform to the provisions in Section 6-1.07 "Certificates of Compliance" of the Caltrans Standard Specifications and these specifications.

Certificates of compliance from the Contractor, suppliers, and/or manufacturers, shall clearly indicate that the material to be delivered to the jobsite will meet all requirements of the specifications. A certificate of compliance shall include, but not be limited to the project title, delivery location, date (or approximate date) of delivery, name of the material with appropriate classification or model numbers, quantity, name of the manufacturer, statement of compliance with all requirements of the specifications, and certifier's name, title and signature. In addition, a factory or mill certification (laboratory test report), if required by the specifications, shall be submitted with certificate of compliance. The factory or mill shall not substitute the certificate of compliance, unless it contains all information required for a certificate of compliance as described above.

Insufficient, incomplete, or unclear certificates shall be rejected and shall be resubmitted. The Contractor shall be responsible for all delays caused by the resubmittals.

- g. **Samples:**
For those items called for in individual sections, the Contractor must furnish samples. Samples shall be of sufficient size to clearly illustrate functional characteristics and full range of color, texture, and pattern.

The Contractor shall notify the Engineer at least one (1) week prior to commencement of the construction and shall furnish the Engineer at least one (1) day notice when inspections are required.

- h. **Records:**
The Contractor shall provide, prior to acceptance of all work, all records as herein specified and as specified in the individual sections of the contract documents. Six (6) sets of all records shall be furnished to the Engineer for review, approval and distribution to the interested parties.

All submitted records shall be contained in a manual or manuals consisting of 8-1/2 x 11 inch hardback 3 ring binders. Included in each manual shall be catalog data on each item, together with parts lists, description of operation, maintenance information, shop drawings, wiring and riser diagrams, along with all test data. Catalogs and data in the manual shall be neat, clean copies. Drawings shall be accordion folded to letter size and installed in an envelope within the manual. An

index shall be provided, which shall list all contents in an orderly manner, with the respective equipment suppliers' name, address and telephone number. The manufacturer's recommended servicing instructions shall also be included. Diagrams shall be complete for each system installed. Provide divider sheets with identifying tabs between each category.

i. **As-Built Drawings:**

The Contractor shall maintain a separate, neat, and legible set of construction drawings showing as built conditions of all constructed facilities. Changes shall be shown to scale in red on the appropriate Drawings. The locations of installed underground and hidden utilities will be shown and dimensioned to appropriate reference points. No work shall be permanently concealed until the required information has been recorded.

Where the Drawings are not of sufficient size, scale, or detail, the Contractor shall furnish his/her own drawings for incorporation of details and dimension. In such cases, the Contractor shall provide a reproducible set of his/her drawings, suitability cross referenced to the Contract Drawings.

The as-built drawings shall be maintained up to date at all times. Prior to any progress payments, the Engineer shall review the status of the as-built construction drawings. The Engineer shall withhold approval of progress payments until the as-built drawings are up to date.

Upon completion of the Contract, the Contractor shall furnish two satisfactory sets of as-built construction drawings. Drawings shall be certified that conditions shown are as-built. Final payment shall be withheld until the as-built construction drawings are received and accepted by the Engineer.

- c. **Measurement and Payment:** Full compensation for conforming to the provisions in this section "Project Records and Submittals" shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

D2 ROADWAY

2.01 MOBILIZATION

- a. Description: Mobilization shall conform to the provisions in Section 11, "Mobilization," of the Standard Specifications.
- b. Measurement and Payment: The contract lump sum price paid for Mobilization (Bid Item 2), as shown in the Bid Schedule, shall include full compensation for mobilization and demobilizing construction equipment and vehicles necessary to perform the work specified herein, in the Standard Specifications, and these technical provisions and as directed by the Engineer.

2.02 CONSTRUCTION AREA SIGNS

- a. Description: Construction area signs shall be furnished, installed, maintained, and removed when no longer required in conformance with the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications and these Technical Provisions.

Type II retroreflective sheeting shall not be used on construction area sign panels.

The Contractor shall notify the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 calendar days, prior to commencing excavation for construction area sign posts. The regional notification centers include, but are not limited to, the following:

Notification Center	Telephone Number
Underground Service Alert-Northern California (USA)	1-800-642-2444 1-800-227-2600
Underground Service Alert-Southern California (USA)	1-800-422-4133 1-800-227-2600

Excavations required to install construction area signs shall be performed by hand methods without the use of power equipment, except that power equipment may be used if it is determined there are no utility facilities in the area of the proposed post holes.

Sign substrates for stationary mounted construction area signs may be fabricated from fiberglass reinforced plastic as specified under "Prequalified and Tested Signing and Delineation Materials" of these technical provisions.

The Contractor may be required to cover certain signs during the progress of the work. Signs that are no longer required or that convey inaccurate information to the public shall

be immediately covered or removed or the information shall be corrected. Covers for construction area signs shall be of sufficient size and density to completely block out the complete face of the signs. The retro-reflective face of the covered signs shall not be visible either during the day or at night. Covers shall be fastened securely so that the signs remain covered during inclement weather. Covers shall be replaced when they no longer cover the signs properly.

- b. **Measurement and Payment:** Full compensation for construction area signs, including furnishing all labor, materials (including signs), tools, equipment, and incidentals, and for doing all the work involved in placing, removing, storing, maintaining, moving to new locations, replacing, and disposing of the components of the construction area signs shown on the plans, shall be considered as included in the lump sum price paid for Traffic Control System, (Bid Item 3), and no separate payment will be made therefor.

2.03 TRAFFIC CONTROL SYSTEM

- a. **Description:** A traffic control system shall consist of closing traffic lanes in accordance with the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, the provisions under "Maintaining Traffic" and "Construction Area Signs", and these technical provisions. The contractor will be allowed to close the roadway 400' at a time during work hours only but provide access to both residents and emergency vehicles at all times. At the end of shift each day, the roadway shall be opened to both lanes of traffic.

The provisions in this section will not relieve the Contractor from the responsibility to provide additional devices or take measures as may be necessary to comply with the provisions in Section 7-1.09, "Public Safety," of the Standard Specifications.

Each vehicle used to place, maintain and remove components of a traffic control system on multilane highways shall be equipped with a Type II flashing arrow sign which shall be in operation when the vehicle is being used for placing, maintaining or removing components. Vehicles equipped with Type II flashing arrow sign not involved in placing, maintaining or removing components when operated within a stationary lane closure shall only display the caution display mode. The sign shall be controllable by the operator of the vehicle while the vehicle is in motion. The flashing arrow sign shown on the plans shall not be used on vehicles which are being used to place, maintain and remove components of a traffic control system and shall be in place before a lane closure requiring its use is completed.

If components in the traffic control system are displaced or cease to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair the components to the original condition or replace the components and shall restore the components to the original location.

When lane closures are made for work periods only, at the end of each work period, components of the traffic control system, except portable delineators placed along open

trenches or excavation adjacent to the traveled way, shall be removed from the traveled way and shoulder. If the Contractor so elects, the components may be stored at selected central locations designated by the Engineer within the limits of the highway right of way.

- b. **Submittals:** Contractor shall submit a Professional Engineer prepared and stamped Stage Construction Plan, (including the project's traffic control plan) to the City and separately, to the County for review and approval prior to beginning any work, which shall be subject to review, correction and acceptance by the Engineer prior to authorizing a "Notice to Proceed." Allow a minimum of two weeks for review and approval by the County. Stage construction plan (including the project's traffic control plan) shall address and assure vehicular, pedestrian and customer access to all properties, driveways, sidewalks, patios, doorways, entrances and parking lots shall be maintained at all times. Allow four weeks for County approval for the professional engineer prepared and stamped stage construction plan (including the project's traffic control plan).
- c. **Measurement and Payment:** The contract lump sum price paid, as shown in the Bid Schedule, for Traffic Control System (Bid Item 3), shall include full compensation for furnishing all labor, materials (including signs), tools, equipment, and incidentals, and for doing all the work involved in placing, removing, storing, maintaining, moving to new locations, replacing, and disposing of the components of the traffic control system, including preparation and modification of a Stage Construction Plan (including the project's traffic control plan), as specified in the Standard Specifications and these technical provisions, and as directed by the Engineer.

2.04 EARTHWORK

- a. **Description:** Earthwork shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these Technical Provisions.

Surplus excavated material shall become the property of the Contractor and shall be disposed of off site in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications. Under no circumstances shall the contractor place excavated materials, even on a temporary basis, on private property without the written consent of the property owner.

Where a portion of the existing surfacing is to be removed, the outline of the area to be removed shall be cut on a neat line with a power-driven saw to a minimum depth of 2-inches before removing the surfacing.

Bedding and backfill material for trenches shall conform to the plans and shall be compacted to the relative compaction indicated on the plans. Sand bedding shall be free from clay or organic material, suitable for the purpose intended, and shall be of such size that 90% to 100% will pass a No. 4 sieve and no more than 10% will pass a No. 200 sieve.

Except where indicated otherwise on the plans, the Contractor shall backfill the trench above the bedding with Class 2 Aggregate Base compacted to a relative dry density of 95%.

Site excavated material free of organic material, expansive material, or other deleterious substances, and with no rocks or clods greater than four inches in greatest dimension, may be used for trench backfill above the bedding only where native material is indicated on the plans.

- b. Submittals: Submit samples and gradation and quality test results for imported materials.
- c. Measurement and Payment: Full compensation earthwork, shall be considered as included in the contract items of work involved, and no separate payment will be made therefor.

2.05 AGGREGATE BASE

- a. Description: Aggregate base shall be Class 2, 3/4" maximum grading, and shall conform to the provisions in Section 26, "Aggregate Bases," of the Standard Specifications and these Technical Provisions.
- b. Submittals. Submit samples and gradation and quality test results.
- c. Measurement and Payment: Full compensation for aggregate base, shall be considered as included in the contract items of work involved, and no separate payment will be made therefor.

2.06 ASPHALT CONCRETE

Description: Asphalt concrete shall match existing and be Type A, 3/4" maximum, coarse for the base and Type A, 1/2" maximum, medium for finish course in accordance with Section 39-2 and 39-3 of the CSS.

Bituminous binder shall be steam refined paving asphalt Grade PG 64-10 conforming to the provisions in Section 92, "Asphalt," of the Standard Specifications.

The aggregate for Type A asphalt concrete shall conform to the 1/2" maximum, medium grading for the finish coarse (final lift) of paving, and 3/4" maximum, medium for the base coarse, as specified in Section 39-2.02, "Aggregate," of the Standard Specifications.

Prime coat aggregate base with MC-70 in accordance with Section 39 – 4.02 of the CSSD. Tack coat existing vertical surfaces adjacent to new pavement with SS-1 in accordance with Section 39 – 4.02 of the CSS. The minimum relative compaction of each lift shall be 95 percent.

- a. **If the Contractor selects the batch mixing method, asphalt concrete shall be produced by the automatic batch mixing method in conformance with the provisions in Section 39-3.03A(2), "Automatic Proportioning," of the Standard Specifications.**

Prime coat aggregate base with MC-70 in accordance with Section 39 – 4.02 of the CSSD. Tack coat existing vertical surfaces adjacent to new pavement with SS-1 in accordance with Section 39 – 4.02 of the CSS. The minimum relative compaction of each lift shall be 95 percent.

- b. Submittals: Submit aggregate gradation and quality test results, mix design and certifications for each ingredient indicating that it complies with the specifications.
- c. Measurement and Payment: Full compensation for asphalt concrete, shall be considered as included in the contract items of work involved, and no separate payment will be made therefor.

2.07 TRAFFIC STRIPING AND PAVEMENT MARKING

- a. Description: Traffic stripes (traffic lines) and pavement markings shall be thermoplastic applied in conformance with the provisions in Section 84, "Traffic Stripes and Pavement Markings," of the Standard Specifications and these technical provisions.

Traffic stripes and pavement markings shall be replaced in-kind following completion of trench restoration work and slurry sealing pavement. All existing traffic stripes and pavement markings shall be removed before placing slurry seal. The Contractor shall document existing stripes and markings before removal. Aerial photographs will be provided by the Engineer at the Contractor's request to assist preparing the documentation. Traffic stripe and pavement marking shall be replaced in their entirety prior to opening traffic.

- b. Materials: Materials shall be in conformance CSS Section 84-2 for thermoplastic stripes.
- c. Submittals. Submit product data for thermoplastic materials. Submit documentation identifying the existing traffic stripes and markings.
- d. Measurement and Payment: The contract lump sum price paid for Traffic Striping and Pavement Markings (Bid Item 10), shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in paint traffic stripe and pavement markings, including furnishing and installing paint traffic stripes, pavement markings, and pavement markers and removing any delineation or markers in conflict, as specified in the Standard Specifications and these Technical Provisions, and as directed by the Engineer.

2.08 FOG SEAL

- a. Description: The trench restoration width shall be fog sealed in accordance with Section 37 of the Caltrans Standard Specifications prior to application of striping, markers, and markings.

The City shall have the right to obtain samples of all materials to be used in the work and to test such samples for the purpose of determining specification compliance. The City reserves the right to obtain said samples at the point of delivery and/or at the point of manufacture. The City shall also have the right to inspect sources of materials to be used in the work to determine workmanlike procedures used by the materials supplier.

- b. Submittals. Submit product data for fog seal components.
- c. Measurement and Payment: Full compensation for fog seal, shall be considered as included in the contract items of work involved, and no separate payment will be made therefor.

2.09 SLURRY SEAL (TYPE II)

- a. Description: Slurry Seal shall consist of placing of type II slurry seal coat on surface of Type A and B asphalt concrete where shown on plans.

- b. Material: Slurry Seal shall be in conformance with the provisions in Section 37, "Bituminous Seals".

The City shall have the right to obtain samples of all materials to be used in the work and to test such samples for the purpose of determining specification compliance. The City reserves the right to obtain said samples at the point of delivery and/or at the point of manufacture. The City shall also have the right to inspect sources of materials to be used in the work to determine workmanlike procedures used by the materials supplier.

- c. Measurement and Payment: The contract lump sum price paid for Type II Slurry Seal (Bid Item 11), include surface preparation, shall include full compensation for furnishing all labor, materials (including signs), tools, equipment, and incidentals, for doing all the work involved, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

D3 SANITARY SEWER

All Sanitary Sewer work shall be conducted in conformance with the latest City of Morgan Hill Public Works Department Standard Plan General Notes, Drawing Nos. S-I, S-II and S-III.

3.01 GENERAL CONDITIONS

JOB CONDITIONS

Existing Conditions: The Contractor shall, prior to submitting his bid, visit the site and become familiar with actual site and soil conditions. No allowance will be made by the City for any unfavorable conditions or events which could have reasonably been foreseen from a thorough examination of the contract documents, the geotechnical report, the site and working conditions.

Protection: If existing live utilities are encountered, they are to be protected from damage and the proper authorities notified. Service shall not be interrupted except as directed or accepted; allow sufficient time for utility companies to arrange for continuation of services.

Open excavations, trenches, and the like are to be protected with fences, barricades, covers and railings as required. Every precaution shall be taken to prevent spillage when hauling on or adjacent to any public street or highway. Any spillage shall be promptly removed. The storage of any excavation or backfill materials on the public right-of-way shall be approved by the City only.

Cultural Resources: In the event that an archaeological resource is discovered during excavation, horizontal directional drilling, or any other construction operation, the Contractor shall halt all work within a 50-foot radius of the find and contact the City of Morgan Hill at (408) 776-7337. In addition to retaining a qualified archaeologist to examine the find, the City shall implement a mitigation plan in conformance with the standards described in Appendix K of the CEQA (California Environmental Quality Act) Guidelines.

SHORING

All vertical trenches deeper than five (5) feet shall be shored in accordance with this section.

The design of shoring support systems is solely the Contractor's responsibility. Dewatering systems shall be considered in conjunction with the shoring system used.

Shoring systems should be designed to resist the earth pressure distribution prescribed by the safety regulations. Additional hydrostatic pressure of water equivalent shall also be applied. Traffic loads and surcharge weights, such as stockpiled materials, must also be considered in the shoring design.

Measurement and Payment: Full compensation for doing all work required to brace excavations and comply with these requirements shall be included in the items of work which require the shoring.

3.02 DEWATERING (Revokable)

- A. Groundwater may be encountered during excavation at an approximate depth of 10 feet. Groundwater should be expected at shallower depths during or soon after the rainy season. If groundwater is not encountered during the course of construction, the bid item shall be removed from the bid and no compensation shall be provided.
- B. Prior to the placement of pipe bedding, all utility pipe trenches shall be thoroughly dewatered by the use of sump pumps and dewatering equipment as necessary to safely convey water away from trench excavations to positive draining outlets.
- C. The Contractor shall prevent surface water (e.g. rainwater) and subsurface or groundwater from flowing into excavations and from flooding the project site and surrounding areas.
- D. The Contractor shall remove all water which accumulates in all excavations during the progress of work so that all work can be done in the dry. Excavated areas shall be kept free from water while pipe or structures are constructed, while concrete is setting and until backfill has been placed to a sufficient height to anchor the work against possible floatation.
- E. Sufficient pumping equipment for immediate use shall be on the project site at all times, including standby pumps for use in case other pumps become inoperable. Water shall be disposed of so as to cause no injury to public or private property, or to be a menace to the public health.
- F. Depending upon groundwater conditions and the degree of project completion, the precast concrete structures are susceptible to floatation prior to backfill and anchorage. Contractor shall prevent the floatation or movement of structures during construction, either through continuous dewatering, or by allowing hydrostatic pressure to equalize on all sides of the structure.
- G. Measurement and Payment: The contract unit price paid for Dewatering (Bid Item 5 (Revokable)), shall include full compensation for furnishing all labor, material, equipment, tools, and all other incidentals necessary to perform the full scope of work as described above, as specified herein and as directed by the Engineer, and all other work associated with dewatering, as shown in the plans, as specified in the Standard Specifications and these Technical Provisions, and as directed by the Engineer.

3.03 EXISTING FACILITITES

- a. Description: The work performed in connection with various existing highway facilities shall conform to the provisions in Section 15, "Existing Highway Facilities," of the Standard Specifications and these special provisions.

The work involved in this section includes, but is not limited to the following: removal and reconstruction of existing facilities, modification and removal of concrete structures, and protecting existing facilities to remain.

REMOVE 8" SANITARY SEWER MAIN--This work shall consist of removing existing sanitary sewer lines at the locations shown on the plans. Contractor shall remove and dispose of removed materials.

- b. Measurement and Payment: **The contract unit price paid for Remove 8” Sanitary Sewer Main (Bid Item 6), shall include full compensation for furnishing all labor, material, equipment, tools, and all other incidentals necessary to perform the full scope of work as described above, as specified herein and as directed by the Engineer, shall include full compensation for furnishing all labor, supervision, materials, tools, equipment, and incidentals necessary to remove sanitary sewer line as specified in the Standard Specifications and these Special Provisions and as directed by the Engineer and no additional compensation will be allowed therefor.**

3.04 21” SANITARY SEWER MAIN and 30” SANITARY SEWER TRUNK LINE

- a. Description: The work included in the bid items for constructing 21-inch sanitary sewer pipelines and 30-inch sanitary sewer trunk line shall include furnishing and installing the sanitary sewer mains as shown on the plans including all necessary, pavement saw cutting, removal and replacement of existing sewer mains;, excavation and backfill; traffic control; shoring and worker protection, construction phasing and coordination; testing; and video taping.

Exact location of sanitary sewer pipelines shall be confirmed by the Engineer.

- b. Materials: PVC sanitary sewer pipelines shall conform to the following requirements:

- ❑ PVC sanitary sewer pipe shall be made of virgin materials and shall conform to ASTM D3034 and shall be SDR26, unless noted otherwise.
- ❑ Pipe, fittings and joints shall be rubber gasket type conforming to ASTM F1336.
- ❑ Pipe, which is not installed within 120 days of the latest test, shall not be used without prior written approval of the Engineer.

c. Method: Installation shall be performed in accordance with the manufacturer's recommendations and these specifications. All existing utility crossings shall be potholed prior to construction. Pipe laying shall proceed from the lowest point and precede upslope. Each joint of pipe shall be laid true to line and grade and in such a manner as to form a close concentric joint with the adjoining pipe and to prevent an offset in the flowline of the pipe. As work progresses, the interior of the sewer pipe shall be cleared of dirt and debris. Pipe shall not be laid in conditions of unsuitable weather or soil conditions. At times when work is not in progress, open ends of pipes and fittings shall be closed.

The Contractor shall coordinate the connection of the existing sanitary sewer line to the newly constructed line. At all times, the sewer system shall remain operable without causing backups or spills. Any backups, blockages or spills resulting from the construction or other aspects of the Contractor's operations shall be the responsibility of the Contractor. Connection from existing sanitary sewer line to the newly constructed line shall be completed at night (10pm to 6am). Pumps and

flexible discharge line shall be of adequate capacity to handle flow from a 15 inch sewer line flowing full. Two 6" submersible pumps in working order shall be on site to perform this work with all necessary plugs in place. Contractor must also furnish a portable electric generator for immediate use in the event of a breakdown to the primary units. The contractor shall make the connection at a time approved by the Engineer at the Contractor's expense.

d. Flushing, Testing, and TV Inspection: After the subbase is placed and compacted, the Contractor shall flush the lines of all debris to a downstream manhole where debris shall be completely removed. Debris shall not be allowed to pass downstream beyond said manhole. The sewer line shall undergo a Mandrel test in which the mandrel is 4% smaller than the inside diameter of the pipe tested. All pipe and fittings will be inspected by the Engineer within 24 hours prior to installation. Pipe that is found to have defects or damage shall be marked by the Engineer as such, and this pipe shall be immediately removed from the site by the Contractor at his own expense.

The sewer line shall undergo tests for leakage, either by air or water, in accordance with City of Morgan Hill Standard Specifications.

All sewer lines shall be televised and video taped at the Contractor's expense before acceptance. The Contractor shall correct all deficiencies revealed by the television inspection and the sewer line must be re-televised at the Contractor's expense.

Submittals: Submit product data for pipe, gaskets and couplings. Submit test results and video recordings and logs of the completed mains.

e. Measurement and Payment: The contract paid per linear foot for 21" Sanitary Sewer Main (Bid Item 7) and 30" Sanitary Sewer Trunk Line (Bid Item 8) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved, complete in place, trenching, trench protection and backfill, saw cutting, removal of existing mains that interfere with the work, removal and connection to manholes and mains, night work, and flushing, testing, and TV inspection, as shown in the plans, as specified in the Standard Specifications and these Technical Provisions, and as directed by the Engineer.

3.05.1 SANITARY SEWER MANHOLE

a. Description: The work shall include all required excavation and backfill and compaction, pavement saw cutting, removal and restoration, installation, coordination, notification, required pumping, and plugging, to install new sanitary manhole in accordance with the details shown on the plans. Exact location of all sanitary sewer manholes shall be confirmed by the Engineer.

b. Material: Sanitary Sewer Manhole base shall be cast in place. Precast concrete pipe sections, adjustment rings and tapered sections shall conform to the requirements for Class II concrete pipe of ASTM C478. All joints shall be

constructed with Ramneck and finished with water-proof mortar on the inside. Manholes shall be waterproofed by grouting and/or painting the interior with sodium silicate or other material as approved by the Engineer. The base of the manhole shall be a minimum of 10" thick.

- c. Submittals: Submit product data for precast concrete pipe sections, joint sealant and frame and cover.

- d. Measurement and Payment: The contract unit price paid for Sanitary Sewer Manhole (Bid Item 9) shall include full compensation for furnishing all labor, material, equipment, tools, and all other incidentals necessary to perform the full scope of work as described above, as specified herein and as directed by the Engineer, including steel reinforcement, concrete, precast concrete pipe sections, connecting existing and proposed sanitary sewer lines, providing frame and cover and all other work associated with constructing sanitary sewer manhole, as shown in the plans, as specified in the Standard Specifications and these Technical Provisions, and as directed by the Engineer.

D4 MISCELLANEOUS WORK

4.01 POTHOLING

- a. Description: The Contractor shall pothole to locate crossing utilities at the locations directed by the Engineer prior to excavating to install the water or sewer mains. The contractor shall submit a report to the Engineer documenting the location, depth, size and material of the utilities found. A minimum size of 2' x 2' is required for each pothole and up to a maximum depth of 10 feet.
- b. Measurement and Payment: The contract unit price paid, as shown in the Bid Schedule, for Potholing (Bid Item 1), shall include full compensation for all labor, materials, tools, equipment and incidentals, and for doing all the work involved in Potholing, including all traffic control, flagging and temporary backfilling or steel plating, complete in place, as shown in the plans, as specified in the technical provisions and as directed by the Engineer and no additional compensation will be allowed therefore.

4.02 REMOVE AND INSTALL MONUMENT

- a. Description: Monument installation and removal shall conform to the Provisions of the City of Morgan Hill Design Standards and Standard Details for Construction. Coordinate with the City 48 hours in advance prior to the removal of any monuments.
- b. Measurement and Payment: The contract unit price paid, as shown in the Bid Schedule, for Remove and Install Monument (Bid Item 12), shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in removal and installation of the monuments, including bedding, restoration, and backfill, complete in place, as shown on the plans, as specified in the City of Morgan Hill Standards and these Special Provisions.

4.03 DAILY CLEAN UP (REVOCABLE)

- a. Description: The Contractor shall not allow the site of the work to become littered with trash and waste material, but shall maintain the site in its normal neat and orderly condition throughout the construction period. On or before the completion of the work, the Contractor shall tear down and remove all temporary structures built by him and shall remove rubbish of all kinds from any of the grounds which he has occupied, and leave them in first-class condition to the satisfaction of the Engineer.
- b. Measurement and Payment: Final payment for Daily Clean Up (Bid Item 13) will be based on the total number of calendar for work actually performed for daily clean up and will be subject to provisions of Section 2.03, "Changes," of the General Provisions.

4.04 SUPPLEMENTAL WORK

- a. Description: The work shall include any new or unforeseen work not specified for on the plans and specification. The lump sum dollar amount listed in the bid schedule for Supplemental Work (Bid Item 14) shall be included in each bidder's proposal. Supplemental work shall be performed only upon direct written authorization from the Project Engineer. Agreed price may be used as an alternate method of payment, if directed by the Project Engineer.