

**SPECIFICATIONS AND CONTRACT DOCUMENTS  
PUBLIC WORKS IMPROVEMENT PROJECTS**

**INFRASTRUCTURE PROGRAM PROJECT**



**BID OPENING: 2:00 P.M. FRIDAY, AUGUST 15, 2008  
24 POLK ST., SAN JUAN BAUTISTA**

**CITY OF SAN JUAN BAUTISTA**

**MAY, 2008**

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**NOTICE INVITING SEALED PROPOSALS OR BIDS FOR  
THE INFRASTRUCTURE PROGRAM PROJECT**

The City Council of the City of San Juan Bautista, invites sealed proposals or bids for the INFRASTRUCTURE PROGRAM PROJECT.

This project involves the installation of underground utilities and surface structures (storm drainage, water, sanitary sewer, road resurfacing, curb and gutter, sidewalks, driveways and striping) within the City of San Juan Bautista.

All of said work is to be done at the places and in the particular locations, of the forms, sizes and dimensions and of the materials and to the lines and as shown and delineated upon the plans, and specifications made therefore and preliminarily approved by said Council.

The Contractor shall possess either a class A license or a class C-34 license at the time this contract is awarded. Payments will be made in cash by said City to the Contractor in accordance with the provisions of the specifications and on itemized estimates duly certified and approved by the City Engineer of said City submitted in accordance therewith, based on labor and materials incorporated into said work during the preceding month by the contractor.

Notice is hereby given that for any moneys earned by the contractor and withheld by the City to ensure performance of the contract, the contractor may, at his request and expense, substitute securities equivalent to the amount withheld in the form and manner and subject to the conditions provided in Chapter 13 (commencing with Section 4590), Division 5, Title 1 of the Government Code of the State of California.

Notice is hereby further given that, pursuant to Section 1773 of the Labor Code of the State of California, the City has obtained from the Director of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of workman required to execute the contract. A copy of said prevailing rate of per diem wages is on file in the office of the City Clerk, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at the job site.

All proposals or bids shall be accompanied by cash, cashier's or certified check payable to the order of the City Council of the City of San Juan Bautista, amounting to ten percent (10%) of the bid, or by a bond in said amount and payable to said Clerk signed by the bidder and a corporate surety, or by the bidder and two sureties who shall justify before any officer competent to administer an oath, in double said amount and over and above all statutory exemptions. The amount so posted shall be forfeited to said City in case the bidder depositing the same does not, within ten (10) days after written notice that the contract has been awarded to him, enter into a contract with the City. All certified or cashiers checks will be deposited pending award of contract. Return of deposited certified or cashiers checks will take approximately 30 days from award of contract.

Contractor shall furnish to City a faithful performance bond and labor and material bond as required in said specifications.

Said sealed proposals shall be delivered to the City Clerk of the City of San Juan Bautista, 24 Polk Street (P.O. Box 1420), San Juan Bautista, CA 95045, on or before 2:00 p.m. local time, on Friday, August 15, 2008, said time being at least ten (10) days from the first publication of this notice. Bids will be publicly opened, examined and declared on said day and hour and referred to and considered by the City Council within sixty (60) calendar days from said bid opening date.

A copy of the plans and specifications may be obtained from Watsonville Blueprint, 41D Hangar Way, Watsonville, CA 95076, Ph. (831) 728-7717, upon deposit therefore of thirty-five dollars (\$35.00), none of which will be refunded.

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City Clerk of the City of San Juan Bautista

Dated:  
Publish:

## **INSTRUCTIONS TO BIDDERS**

### A) GENERAL INFORMATION

The City of San Juan Bautista, California, will receive at the office of its City Clerk, 24 Polk Street (P.O. Box 1420), San Juan Bautista, CA 95045 until 2:00 p.m., August 15, 2008, at which time they will be publicly opened and read, SEALED PROPOSALS FOR THE PERFORMANCE OF THE FOLLOWING DESCRIBED WORK:

The work includes the furnishing of all labor, materials, incidentals, and equipment necessary for the INFRASTRUCTURE PROGRAM PROJECT.

SAID BIDS WILL BE REFERRED TO AND CONSIDERED BY THE CITY COUNCIL WITHIN 60 CALENDAR DAYS FROM SAID BID OPENING DATE.

### B) PROPOSAL FORMS

All proposals must be made upon the "Schedule of Proposal" contained within the specifications. All proposals must give the prices proposed in both writing and figures, and must be signed by the bidder with his address. If the proposal is made by a firm or partnership, the name and post office address of each member of the firm or partnership must be shown. If made by a corporation, the proposal must show the name of the state under which laws of the corporation was chartered and the names, titles and business addresses of the president, secretary and treasurer.

### C) BIDDER'S GUARANTY AND RETURN OF GUARANTY

All bids must be presented under sealed cover and shall be accompanied by cash, cashier's check, certified check, or bidder's bond made payable to the City Clerk of the City of San Juan Bautista, for an amount equal to at least ten percent (10%) of the said bid and no bid shall be considered unless such cash, cashier's check or bidder's bond shall become payable to the City of San Juan Bautista in case the bidder depositing same does not within ten (10) days after written notice that the contract has been awarded enter into a contract with the City. All certified or cashier's checks will be deposited pending award of contract. Return of deposited certified or cashiers checks will take approximately 30 days from award of contract.

Bidders' bonds shall be issued by Sureties which conform to Subsection 2-4 CONTRACT BONDS of the City of Hollister Standard Specifications.

Upon request of the bidder, the City of San Juan Bautista will return the proposal guarantees accompanying such of the proposals which are not to be considered in making the award. All other proposal guarantees will be held until the contract has been finally executed, after which they will be returned to the respective bidders whose proposals they accompany upon request.

### D) CONTRACT BONDS

Contract Bonds shall be provided in accordance with Subsection 2-4 Contract Bonds of the City of Hollister Standard Specifications. The successful bidder, simultaneously with the execution of the Agreement, will be required to furnish a labor and material bond and a faithful performance bond, each equal in amount to one hundred percent (100%) of the total bid price; said bonds shall be secured by a surety satisfactory to the City. The faithful performance bond shall be made effective for a period of one (1) year after date of acceptance of the work guaranteeing the prompt correction of faulty workmanship and the replacement of defective materials.

Bonds shall contain provisions to make them enforceable by the City. Said bonds shall contain a provision that the surety thereon waives the provisions of Section 2819 of the Civil Code of the State of California.

In lieu of said faithful performance bond for maintenance, the Contractor may furnish a maintenance bond in the amount of 10% of the total contract price to cover the one year maintenance period.

Whenever any surety or sureties on any bonds, or on any bonds required by law for the protection of the claims or laborers and materials men, become insufficient, or the City of San Juan Bautista has cause to believe that such surety or sureties have become insufficient, a demand in writing may be made of the contractor for such further bond or bonds or additional surety not exceeding that originally required, as is considered necessary, considering the extent of the work remaining to be done. Thereafter no payment shall be made upon such contract or any assignee of the Contractor until such further bond or bonds or additional surety has been furnished.

E) REJECTION OF PROPOSALS CONTAINING ALTERATIONS, ERASURES OR IRREGULARITIES

Proposals may be rejected if they show any alteration of form, additions not called for, conditional or alternative bids, incomplete bids, erasures, or irregularities in the proposal.

The right is reserved to reject any and all proposals and to waive any informalities or irregularities in the proposal.

F) AWARD OF CONTRACT

The award of the contract, if it is awarded, will be made within Sixty (60) calendar days after the opening of the proposals.

G) EXECUTION OF CONTRACT

The Contract shall be signed by the successful bidder and returned, together with the contract bonds, within ten (10) days after the bidder has received notice that the contract has been awarded. No proposal shall be considered binding upon the City until the execution of the contract.

Failure to execute a contract and file acceptable bonds as provided herein within fifteen calendar days after the bidder has received notice that the contract has been awarded, shall be just cause for the annulment of the award and the forfeiture of the proposal guaranty.

H) STANDARD SPECIFICATIONS

The work embraced herein shall be done in accordance with the appropriate provisions of the City of Hollister standard specifications, which shall be referred to as the "Standard Specifications" and any amendments thereto.

Incorporated into the "Standard Specifications" are the latest edition and supplement, in effect at the time of advertisement of the work for bid, of the Southern California APWA "Standard Specifications for Public Works Construction", which shall be referred to as the "Green Book".

Wherever in the Specifications, City Design Standards, Standard Specifications, Standard Plans or other contract documents the following terms are used, the intent and meaning shall be interpreted as follows:

Department of Transportation – City of San Juan Bautista  
Hollister – San Juan Bautista  
Engineer – City Engineer and/or Project Design Engineer  
Owner – City of San Juan Bautista  
State – City of San Juan Bautista

The APWA Green Book Specifications are available for inspection at the City of Hollister Engineer's Office, 420 Hill Street, Hollister, California, (mailing address: P.O. Box 1420, Hollister, California, 95023) or may be obtained from Building News, Inc., 3055 Overland Avenue, Los Angeles, California 90034, (213) 202-7775.

All work within the California Department of Transportation right of way shall be done in accordance with the appropriate provisions of the latest edition of Caltrans Standard Specifications which shall be referred to as the "Caltrans Standard Specifications" and any amendments thereto.

I) EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK

The bidder is required to examine carefully the sites of, and the proposal, plans, specifications, and contract forms for, the work contemplated, and it will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications and the special provisions and the contract. It is mutually agreed that submission of a proposal shall be considered prima facie evidence that he has done so.

J) WORKERS' COMPENSATION INSURANCE

Attention is directed to subsection **7-4 WORKERS' COMPENSATION INSURANCE** of the City of Hollister Standard Specifications. Before the Contract is entered into, the Bidder to whom it is awarded shall comply with the provisions of Subsection **7-4 WORKERS' COMPENSATION INSURANCE**.

K) LIABILITY INSURANCE

Attention is directed to Subsection **7-3 LIABILITY INSURANCE** of the City of Hollister Standard Specifications. Before the Contract is entered into, the bidder to whom it is awarded shall comply with the provisions of Subsection **7-3 LIABILITY INSURANCE** with the following changes to coverage minimum limits:

1. Comprehensive or Commercial General Liability:  
Combined Single Limit:

- a. Premises/operations \$1,000,000 each occurrence
- b. Products/completed Operations \$1,000,000 each occurrence
- c. Personal Injury \$1,000,000 each occurrence  
\$2,000,000 aggregate
- d. Policies shall include premises/operations, products, completed operations, independent contractors, explosion, collapse, underground hazards, broad form contractual, personal injury with employment contractual exclusions deleted, and broad form property damage.
- e. If policies are written on a Commercial General liability form, the General Aggregate shall be at least two times the each occurrence limit or be written on a "per project" basis.
- f. If policies are written for split limits, limits shall be equal for bodily injury and property damage liability.

2. Comprehensive Automobile Liability (including owned, hired, and non-owned vehicles):  
Combined Single Limit:

- a. Bodily Injury and Property Damage: \$1,000,000 each accident
- b. If policies are written for split limits, limits shall be equal for bodily injury per person, bodily injury per accident and property damage.

3. Builder's Risk Insurance:

- a. In an amount equal to the replacement cost of the completed value of the project.
- b. The CONTRACTOR shall exclude in excess of 5% of the Contract Amount for damages resulting from earthquake or tidal wave from coverage from the Builder's Risk Insurance requirements. Coverage in the amount of 5% of the Contract amount for such losses is required.

All policies shall provide that the CONTRACTOR agrees to waive all rights of subrogation against the OWNER, the ENGINEER, and their subconsultants, employees, officers and directors, for WORK performed under the Agreement. Endorsements shall be provided with certificates of insurance.

All policies shall also specify that the insurance provided by the CONTRACTOR will be considered primary and not contributory to any other insurance available to the OWNER or ENGINEER.

All policies except Worker's Compensation and Builder's Risk shall name the OWNER, ENGINEER, their consultants, subconsultants, and their officers, directors, agents and employees as additional insureds. The Builders Risk Insurance shall name the CONTRACTOR, OWNER, and ENGINEER as named insureds.

All policies shall provide for thirty days notice prior to any cancellation, reduction in coverage or non-renewal.

The deductible or self insured retention on Comprehensive or Commercial General Liability shall not be greater than 5% of the Contract Amount. Deductibles on Builder's Risk coverage shall not be greater than \$25,000 for flood or \$100,000 or 5% of the Contract Price, whichever is greater, for earthquake coverage. All deductibles are the responsibility of the CONTRACTOR.

L) PREVAILING WAGES APPLICABLE

Notice is hereby given that, pursuant to Section 1773 of the Labor Code of the State of California, the City has obtained from the Director of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of workman required to execute the contract. A copy of said prevailing rate of per diem wages is on file in the office of the City Clerk, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at the job site.

## **STATEMENT OF WORK**

A) LOCATION

The project is located in and around the City of San Juan Bautista, CA; along Third Street between North Street and Tualami Street; along Tualami Street, between Third Street and Fourth Street; along Fourth Street, between Monterey Street and the Alameda; along Monterey Street, between Third Street and Fourth Street; along San Jose Street, between First Street and Fourth Street; along Second Street, between North Street and San Jose Street; along First Street, between Jefferson Street and San Jose Street; along Polk Street, between Fourth Street and Sixth Street; along Washington Street, from Fourth Street to the new water tank; along Franklin Street, between Fourth Street and Second Street; along the Alameda, from Fourth Street to Mission Vineyard Road; along Old Stage Coach Road, from Mission Vineyard Road to San Juan Canyon Road; along San Juan Canyon Road from Stage Coach road to the existing well; and along San Juan-Hollister Highway, between the Alameda and Mission Vineyard Road. See project drawings for exact location of project.

B) DESCRIPTION OF WORK

The work to be performed includes, but is not necessarily limited to the installation of underground utilities and surface structures (storm drainage, water, sanitary sewer, road resurfacing, curb and gutter, sidewalks, driveways and striping). The existing City infrastructure is fragile and numerous water valves are not operational. All tie-ins/connections to existing utilities must be coordinated with the City Engineer and Public Works and may have to be performed at night. Water mains that need to be shut off will require a minimum of 72 hours notice to all affected residences and businesses.

C) CONTRACT DOCUMENTS

Five (5) sets of contract drawings and specifications will be furnished to the Contractor without charge. Additional sets will be furnished upon request at the cost of reproduction.

D) FIELD MEASUREMENT AND SERVICE LOCATIONS

The Contractor shall notify the City of San Juan Bautista – Public Works Department at least 48 hours prior to the need for construction staking.

The Contractor shall verify the location of all underground utilities prior to any underground construction.

E) TIME FOR COMPLETION

Work shall begin within ten (10) days after the written “Notice to Proceed” has been received by the Contractor.

The work shall be diligently prosecuted to completion before the expiration of one hundred eighty (180) working days from the date of Notice to Proceed.

F) REGISTRATION OF CONTRACTORS

The Contractor shall possess a Class A license at the time this contract is awarded.

G) PERMITS

The Contractor will be required to obtain encroachment permit(s) for all work in the Caltrans Right of Way, specifically at the intersection of Highway 156 and the Alameda, and the Washington Street underpass.

## **ITEMS OF CONSTRUCTION**

Payment on all items listed below shall include furnishing all materials, labor, tools, fittings, accessories, trenching, shoring, backfill and compaction, and equipment necessary to perform the work as specified herein. Such payment shall be full and final compensation for completion of work.

### **1. MOBILIZATION**

Work under this item will consist of mobilizing all men, equipment, and materials on site to perform the work specified.

Payment for Mobilization will be at the contract lump sum price, and will include full compensation for mobilization and no additional payment will be made therefore.

### **2 & 3 STREET GRADING**

Work under this item will consist of excavation within the right of way, public utilities easements, and slope easements. Material that is unsuitable for the planned use shall be excavated and disposed of as directed by the City Engineer. Unless otherwise stated on the plans the area shall be graded per Section 300-2 (Unclassified Excavation) of the Standard Specifications.

Payment for Street Grading will be at the contract unit price per square yard, and will include full compensation for furnishing all materials, labor, tools, and equipment necessary to complete the street grading work as specified and as shown on the Plans, and no additional payment will be made therefore.

### **4. REMOVE & DISPOSE OF EXISTING CONCRETE – CURB & GUTTER, SIDEWALK & DRIVEWAY**

Work under this item will consist of breaking, removing and disposing of the concrete pavement from the area shown on the plans. The area under the concrete shall be graded and compacted under this item. All material removed shall become the personal property of the Contractor unless otherwise stated on the Plans. The area shall be cleared in conformance with Section 300-1 of the Standard Specifications.

Payment for Remove & Dispose of Existing Concrete Curb & Gutter, Sidewalk, and Driveway will be at the contract unit price per square yard and will include full compensation for furnishing all materials, labor, tools and equipment required to complete the work as specified and as shown on the plans.

### **5 & 6. SAW CUT, REMOVE & DISPOSE OF EXISTING ASPHALT PAVEMENT**

Work under this item will consist of saw cutting, removing and disposing of the exiting A.C. pavement in construction areas as shown on the plans. The area shall be cleared per Section 300-1 of the Standard Specifications.

Payment for Saw Cut, Remove & Dispose of Existing Asphalt Pavement will be at the contract unit price per lineal foot removed, and will include full compensation for furnishing all materials, labor, tools and equipment necessary to complete the work as specified and as shown on the Plans, and no additional payment will be made therefore.

### **7. SAW CUT, REMOVE & DISPOSE OF EXISTING ASPHALT PAVEMENT FOR TRENCHING**

Work under this item will consist of the removing of existing A.C. pavement in construction areas as shown on the plans. All materials removed shall become the personal property of the Contractor unless stated otherwise on the Plans. The area shall be cleared per Section 300-1 of the Standard Specifications.

Payment for Saw Cut, Remove & Dispose of Existing Asphalt Pavement for Trenching will be at the contract unit price per lineal foot removed, and will include full compensation for furnishing all materials, labor, tools and equipment necessary to complete the work as specified and as shown on the Plans, and no additional payment will be made therefore.

**8. TRENCH SHORING & SHEETING**

Work under this item shall consist of all work required to comply with Cal-OSHA regulations for trenches 5 feet or greater in depth in accordance with Subsections 7-10.4.1 and 306-1.1.6 of the Standard Specifications, the Standard Plans, and these Project Specifications and Plans. The Contractor shall supply the Cal-OSHA permit.

Payment for Trench Shoring & Sheeting shall be at the contract lump sum price in accordance with Subsection 9-3 of the Standard Specifications.

**9. TRENCH RESTORATION**

Work under this item will consist of providing Class 2 Aggregate Base Material and Asphalt Concrete Pavement is cut for pipe or manhole installation. Class 2 Aggregate Base Material and Asphaltic Concrete Pavement shall conform to the requirements of Caltrans Standard Specifications (2000) and the City of San Juan Bautista Standard Detail (E-2-1) and to the dimensions shown on the plans.

Payment for Trench Restoration will be at the contract unit price per lineal foot, complete in place and will include full compensation for furnishing all materials, labor, tools, and equipment necessary to complete the work as specified necessary to complete the work as specified and as shown on the plans, and no additional payment will be made therefore.

**10 & 11. AGGREGATE BASE**

Work under this item shall consist of providing and installing Class II Aggregate Base in the locations and at the thickness called for on the plans. The Aggregate Base shall be 1 1/2" maximum and shall be compacted to 95% of optimum dry density.

Payment for Aggregate Base will be at the unit price per square yard and will include full compensation for furnishing all labor, materials, tools and equipment required to install and compact the aggregate base in conformance with plans and specifications, and no additional payment will be made therefore.

**12. PAVEMENT FABRIC**

Work under this item will consist of furnishing and installing pavement fabric at the locations shown on the Plans.

Pavement fabric shall be "Petromat" or equal and installed in accordance with manufacturer's recommendations and Section 213-1 and 302-7 of the Standard Specifications.

Payment for Pavement Fabric shall be at the contact unit price per square yard installed and will include full compensation for all materials, labor tools and equipment necessary to complete the pavement fabric work as specified and as shown on the Plans, and no additional payment will be made therefore.

**13 & 14. ASPHALT CONCRETE PAVEMENT**

Work under this item will consist of providing and installing Asphalt Concrete pavement, and shall include prime and tack coat.. The prime coat shall consist of Liquid Asphalt SC70 or SC-250 applied at the rate of not less than 0.125 gallons per square yard or as determined by the City Engineer. The prime coat and asphalt concrete shall conform to Section 203-6 & 302-5 of the Standard Specifications.

Payment for Asphalt Concrete Pavement will be at the contract unit price per square yard, complete in place and will include full compensation for furnishing all materials, labor, tools, and equipment necessary to complete the asphalt concrete pavement work as specified including raising manholes and valves to grade as shown on the Plans, and no additional payment will be made therefore.

**15. FOG SEAL COAT**

Work under this item shall consist of mixing "slow setting" type asphaltic emulsion to which water has been added. The asphaltic emulsion shall be applied at a rate of not less than 0.05 gallons of Bituminous Binder per square yard of pavement. Fog Seal shall conform to the requirements of Section 302-8 of the Standard Specifications.

Payment for Fog Seal Coat shall be at the contract unit price per square yard and will include full compensation for all materials, labor tools and equipment necessary to complete the fog seal coat work as specified and as shown on the Plans, and no additional payment will be made therefore.

#### **16 - 19. WATER PIPE**

Work under this item will consist of trench excavation and backfill, furnish and install water pipe and all valves and fittings in accordance with the plans and specifications.

Trench excavation and backfill, pipe installation, including all valves, fittings, and #10 insulated wire or locator tape shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. Water Pipe shall be Ductile Iron Pipe in conformance with the requirements of Section 207-9 of the Standard Specifications or P.V.C. (AWWA C-900) in conformance with AWWA C-900, Class 150 Standards. All water pipe and fittings shall be protected in accordance with 207-9.2.6 & 7 of the Standard Specifications.

Payment for water pipe will be at the contract unit price per lineal foot, and will include full compensation for all materials, labor, tools and equipment necessary for trench excavation, backfill, shoring, furnishing and installing water pipe and all valves, fittings, and locator tape as specified and as shown on the Plans, and no additional payment will be made therefore.

#### **20, 28 & 34. BORE AND JACK**

Work under this item will consist of furnishing the pipe, excavating, jacking, furnishing and placing backfill material, constructing jacking pits, and backfilling all pits after the pipe is jacked and all incidentals and for doing all work included in jacking the pipe, complete in place, as specified on the plans and shall conform to the requirements of Section 306-2 of the Standard Specifications and Section 623.1 of the Caltrans Standard Specifications.

Payment for Bore and Jack will be at the contract unit price per lineal foot, and will include full compensation for all materials, labor, tools and equipment necessary for excavating, jacking, furnishing and placing backfill materials, constructing jacking pits, and backfilling all pits after pipe is jacked, and all incidentals, and for doing all work involved in jacking the pipe complete in place as specified and as shown on the Plans, and no additional payment will be made therefore.

#### **21. INSTALL NEW FIRE HYDRANT**

Work under this item will consist of trench excavation and backfill, furnish and install fire hydrant, water pipe and all valves and fittings in accordance with the plans and specifications.

Trench excavation and backfill, fire hydrant and pipe installation including all valves and fittings shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. The fire hydrant shall be Clow Model 860 with minimum 6" barrel, wet barrel hydrant with two 2 1/2" NH outlets, one 4 1/2" NH steamer outlet and a Long Beach LB-400 ductile iron positive breakoff assembly or approved equal. Water pipe shall be Ductile Iron pipe in conformance with the requirements of Section 207-9 of the Standard Specifications, or P.V.C. (AWWA C-900) in conformance with AWWA C-900, Class 150 Standards.

Payment for Fire Hydrant will be at the contract unit price per each, and will include full compensation for all materials, labor, tools and equipment necessary for trench excavation and backfill, furnishing and installing the fire hydrant, water pipe including all valves and fittings, as specified and as shown on the plans, and no additional payment will be made therefore.

#### **22. CONNECT EXISTING FIRE HYDRANT TO NEW WATER MAIN**

Work under this item will consist of trench excavation and backfill, furnish water pipe and all valves and fittings in accordance with the plans and specifications.

Trench excavation and backfill and pipe installation including all valves and fittings shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. Water pipe shall be Ductile Iron pipe in conformance with the requirements of Section 207-9 of the Standard Specifications, or P.V.C. (AWWA C-900) in conformance with AWWA C-900, Class 150 Standards.

Payment for Connect Existing Fire Hydrant to New Water Main will be at the contract unit price per each, and will include full compensation for all materials, labor, tools and equipment necessary for trench excavation and backfill, furnishing and installing the water pipe including all valves and fittings, as specified and as shown on the plans, and no additional payment will be made therefore.

### **23. CONNECT EXISTING WATER SERVICE TO NEW WATER MAIN**

Work under this item will consist of trench excavation and backfill, furnish and install water service pipe, and all valves and fittings necessary to install new water service between the new water main and the existing water meter in accordance with the plans and specifications.

Trench excavation, backfill and water service pipe installation including all valves and fittings shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. Water service pipe shall be Polyethylene SDR 9 (ASTM D-2737), Polybutylene SDR 13.5 (ASTM D-2666), or Type K Copper.

Payment for Connecting Existing Water Service to New Water Main will be at the contract unit price per each installed, and will include full compensation for all materials, labor, tools and equipment necessary for trench excavation and backfill, furnishing and installing water service pipe, including all valves and fittings as specified and as shown on the Plans, and no additional payment will be made therefore.

### **24. REMOVE AND REPLACE EXISTING FIRE HYDRANT**

Work under this item will consist of removing the existing fire hydrant and piping back to the main line, trench excavation and backfill, furnish and install new fire hydrant, water pipe and all valves and fittings in accordance with the plans and specifications.

Removing the existing fire hydrant and piping back to the main line, trench excavation and backfill, fire hydrant and pipe installation including all valves and fittings shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. The fire hydrant shall be Clow Model 860, with a Long Beach LB-400 ductile iron positive breakoff assembly or approved equal. Water pipe shall be Ductile Iron pipe in conformance with the requirements of Section 207-9 of the Standard Specifications, or P.V.C. (AWWA C-900) in conformance with AWWA C-900, Class 150 Standards.

Payment for Remove and Replace Existing Fire Hydrant will be at the contract unit price per each, and will include full compensation for all materials, labor, tools and equipment necessary for removal of existing fire hydrant, trench excavation and backfill, furnishing and installing the fire hydrant, water pipe including all valves and fittings, as specified and as shown on the plans, and no additional payment will be made therefore

### **25 - 27. SANITARY SEWER PIPE**

Work under this item will consist of furnishing and installing sanitary sewer pipe at the locations shown on the plans, including trenching, backfill, compaction and testing of the pipe, all in conformance with Sections 207 and 306 of the Standard Specifications.

Payment for Sanitary Sewer Pipe will be at the contract unit price per lineal foot and will include full compensation for furnishing all labor, materials, tools and equipment required to install the sanitary sewer pipe in conformance with the plans and these specifications and no additional payment will be made therefore.

### **29. SANITARY SEWER MANHOLES**

Work under this item will consist of excavation, manhole construction and backfill for sanitary sewer manholes at the locations shown on the plans. Sanitary sewer manholes shall conform to the Standard Plans, Detail C-1-1, C-1-2, C-1-3, C-2, and C-3.

Payment for Sanitary Sewer Manholes will be at the contract unit price per each and will include full compensation for furnishing all labor, materials, tools, and equipment required to complete the manhole installation in conformance with the plans and these specifications, and no additional payment will be made therefore.

**30. REMOVE EXISTING SANITARY SEWER MANHOLE**

Work under this item will consist of excavation, removing and disposing of existing sanitary sewer manholes, and backfilling at the location shown on the plans.

Payment for Removing Existing Sanitary Sewer Manholes will be at the contract unit price per each and will include full compensation for furnishing all labor, materials, tools, and equipment required to complete the removal and disposal in conformance with the plans and these specifications, and no additional payment will be made therefore.

**31. CONNECT TO EXISTING SANITARY SEWER MANHOLE**

Work under this item will consist of excavation and cutting into the side of the existing sanitary sewer manhole to connect a new sanitary sewer at the location shown on the plans.

Payment for Connect to Existing Sanitary Sewer Manhole will be at the contract price per each and will include full compensation for furnishing all labor, materials, tools and equipment necessary to complete the sanitary sewer connection as specified and no additional payment will be made therefore.

**32. CONNECT EXISTING SANITARY LATERALS TO NEW SEWER MAIN**

Work under this item will consist of furnishing and installing sanitary sewer lateral at the locations shown on the plans, and at locations found during construction, including trenching, backfill, compaction and testing of the pipe, all in conformance with Sections 207 and 306 of the Standard Specifications.

Payment for Connect Existing Sanitary Laterals to New Sewer Main will be at the contract unit price per each and will include full compensation for furnishing all labor, materials, tools and equipment required to install the sanitary sewer lateral in conformance with the plans and these specifications and no additional payment will be made therefore.

**33. RECLAIMED (PURPLE) WATER PIPE**

Work under this item will consist of trench excavation and backfill, furnish and install reclaimed (purple) water pipe and all valves and fittings in accordance with the plans and specifications.

Trench excavation and backfill, pipe installation, including all valves, fittings, and #10 insulated wire or locator tape shall conform with the requirements of Section 306 of the Standard Specifications and the Standard Plans. Water Pipe shall be P.V.C. (AWWA C-900) in conformance with AWWA C-900, Class 150 Standards and shall be purple in color. All water pipe and fittings shall be protected in accordance with 207-9.2.6 & 7 of the Standard Specifications.

Payment for reclaimed (purple) water pipe will be at the contract unit price per lineal foot, and will include full compensation for all materials, labor, tools and equipment necessary for trench excavation, backfill, shoring, furnishing and installing water pipe and all valves, fittings, and locator tape as specified and as shown on the Plans, and no additional payment will be made therefore.

**35 & 36. SANITARY SEWER FORCE MAIN**

Work under this item will consist of trench excavation and backfill, furnish, install and test force main pipe in accordance with the plans and specifications.

Trench excavation and backfill and pipe installation and testing shall conform with the requirements of Section 306 of the Standard Specifications and the City of Hollister Standard Details. Force Main pipe shall be P.V.C. (AWWA C-900) Class 100.

All pipe must pass a mandrel test for 5% deflection per City requirements, and low pressure air test. Air test shall conform to Standard Specifications Section 306-1.4. Contractor shall remove and replace, or repair the portions of the pipe that do not pass the required tests at no additional cost. All materials, equipment, labor, fittings or other required for the testing shall be furnished by the contractor. The cost of plugs, and locator posts are to be included in the unit costs of the pipe.

In lieu of the provisions contained within Section 306-1.6 of the Standard Specifications payment for force main pipe will be at the contract unit price per lineal foot measured in place from center of manhole (or connecting structure) to center of discharge piping manhole, and will include full compensation for trench excavation and backfill, furnishing, installing and testing of sewer pipe and no additional payment will be made therefore.

**37. SANITARY SEWER LIFT STATION**

Work under this item will consist of furnishing and installing a sanitary sewer lift station in accordance with the plans and specifications, including all excavation, installation and testing of the sanitary sewer lift station.

Payment for Sanitary Sewer Lift Station will be at the contract lump sum price and will include full compensation for furnishing all labor, materials, tools, and equipment required to complete the sanitary sewer lift station installation in conformance with the plans and these specifications, and no additional payment will be made therefore.

**38 - 45. STORM DRAIN PIPE**

Work under this item will consist of furnishing and installing storm drain pipe at the locations shown on the plans, including trenching, backfill, compaction and testing of the pipe, all in conformance with Sections 207 and 306 of the Standard Specifications.

Payment for Storm Drain Pipe will be at the contract unit price per lineal foot and will include full compensation for furnishing all labor, materials, tools and equipment required to install the storm drain pipe in conformance with the plans and these specifications and no additional payment will be made therefore.

**46 & 47. STORM DRAIN MANHOLES**

Work under this item will consist of excavation, manhole construction and backfill for storm drain manholes at the locations shown on the plans. Storm drain manholes shall conform to the Standard Plans, Detail C-1-1, C-1-2, C-1-3, C-2, C-4 and D-1-1.

Payment for Storm Drain Manholes will be at the contract unit price per each and will include full compensation for furnishing all labor, materials, tools, and equipment required to complete the manhole installation in conformance with the plans and these specifications, and no additional payment will be made therefore.

**48. CURB INLETS - TYPE A**

Work under this item will consist of excavation for construction of and backfill of Type A curb inlets at the locations shown on the Plans. Curb inlets shall conform with Standard Drawing D-4, D-6, D-8-1, D-8-2 and the Standard Specifications.

Payment for Curb Inlets will be at the contract unit price per each, and will include full compensation for furnishing all labor, materials, tools and equipment required to complete the installation of curb inlets in conformance with the plans and these specifications and no additional payment will be made therefore.

**49. CONNECT TO EXISTING STORM DRAIN DROP INLET OR CURB INLET**

Work under this item will consist of excavation and cutting into the side of the existing drop inlet or curb inlet to connect a new storm drain at the location shown on the plans.

Payment for Connect to Existing Storm Drain Drop Inlet or Curb Inlet will be at the contract price per each and will include full compensation for furnishing all labor, materials, tools and equipment necessary to complete the storm drain connection as specified and no additional payment will be made therefore.

**50. REMOVE EXISTING DROP INLET & INSTALL CURB INLET (TYPE 'A')**

Work under this item will consist of removing the existing drop inlet, excavation for construction of and backfill of Type A curb inlets at the locations shown on the Plans. Curb inlets shall conform with Standard Drawing D-4, D-6, D-8-1, D-8-2 and the Standard Specifications.

Payment for Remove Existing Drop Inlet and Install Curb Inlet will be at the contract unit price per each, and will include full compensation for furnishing all labor, materials, tools and equipment required to complete the installation of curb inlets in conformance with the plans and these specifications and no additional payment will be made therefore.

**51. CURB AND GUTTER**

Work under this item will consist of Grading and compacting Crushed Miscellaneous Base, placing concrete, and finishing of concrete curb and gutter and shall conform to the requirements of Section 303-5 of the Standard Specifications and the City of Hollister Standard Plans Detail A-3.

Payment will be at the contract unit price per lineal foot of curb and gutter in place measured on the face of curb at the gutter lines, and will include full compensation for all excavation, placing and compaction of aggregate base, and all materials, labor, tools and equipment necessary to complete the curb and gutter as specified and as shown on the Plans, and no additional payment will be made therefore.

**52. CONCRETE SIDEWALK AND HANDICAP RAMPS**

Work under this item will consist of grading and compacting Crushed Miscellaneous Base, placing concrete, and finishing of concrete sidewalk and handicap ramp in conformance with the City of Hollister Standard Plans Details A-4, A-5-1 & A-5-2, Section 303 of Standard Specifications, the Americans with Disabilities Act (ADA) and to the dimensions shown on the plans.

.Payment for Concrete Sidewalk and Handicap Ramps will be at the contract unit price per square foot and will include full compensation for all excavation, placing and compaction of crushed miscellaneous base and furnishing all materials, labor, tools and equipment necessary to complete the sidewalk and handicap ramps as specified and as shown on the Plans, and no additional payment will be made therefore.

**53. CONCRETE DRIVEWAY (COMMERCIAL)**

Work under this item will consist of grading and compacting Class II Aggregate Base, placing concrete, and finishing concrete in driveways in conformance with the City of Hollister Standard Plans (A-8-1) and to the dimensions shown on the plans.

Payment for Concrete Driveways will be at the contract unit price per square foot and will include full compensation for furnishing all materials, labor, tools and equipment necessary to complete the driveways in conformance with the Plans, and the City of Hollister Standard Details, and to the satisfaction of the Engineer and no additional payment will be made therefore.

**54. CONCRETE DRIVEWAY (RESIDENTIAL)**

Work under this item will consist of grading and compacting Class II Aggregate Base, placing concrete, and finishing concrete in driveways in conformance with the City of Hollister Standard Plans (A-7) and to the

dimensions shown on the plans.

Payment for Concrete Driveways will be at the contract unit price per square foot and will include full compensation for furnishing all materials, labor, tools and equipment necessary to complete the driveways in conformance with the Plans, and the City of Hollister Standard Details, and to the satisfaction of the Engineer and no additional payment will be made therefore.

**55. CONCRETE CROSS GUTTER**

Work under this item will consist of clearing, grubbing, grading and compacting Class II Aggregate Base, placing concrete, and finishing of concrete cross gutter in conformance with the City of Hollister Standard Plans (A-6) and to the dimensions shown on the plans.

Payment for Concrete Cross Gutter will be at the contract unit price per square foot and will include full compensation for furnishing all materials, labor, tools and equipment necessary to complete the cross gutter in conformance with the Plans, and the City of Hollister Standard Details, and to the satisfaction of the Engineer and no additional payment will be made therefore.

**56. REMOVE AND REINSTALL SIGNS ON NEW 4" x 4" WOOD POST**

Work under this item will consist of removing the existing signs and post, installing the existing signs on a new 4" x 4" wood post, and installing at the location shown on the plans, in accordance with Section 56-2 of the State of California, Department of Transportation Standard Specifications.

Payment for Remove and Reinstall Signs on New 4" x 4" Wood Post will be at the contract unit price per each installed, and will include full compensation for furnishing all materials, labor, tools, and equipment necessary to excavate, install and backfill sign posts as specified, and as shown on the plans, and no additional payment will be made therefore.

**57. CENTERLINE STRIPE**

Work under this item will consist of painting a new centerline stripe and installing reflective markers on all new road surfaces as shown on the plans and in conformance with Sections 210-1.6 & 310-5.6 of the Standard Specifications. Paint for centerline stripe shall be rapid dry yellow.

Payment for Centerline Stripe will be at the contract unit price per lineal foot and will include full compensation for furnishing all labor, materials, tools and equipment required to restripe all road surfaces under this contract and no additional payment will be made therefore.

**58. THERMOPLASTIC MARKINGS - 12" WHITE LIMIT LINE**

Work under this item will consist of providing new 12" white limit line where shown on the plans and where obliterated by new construction. 12" white limit line shall be thermoplastic with reflective material furnished and applied in conformance with Sections 210-1.6 and 310-5.6 of the Standard Specifications.

Payment for 12" white limit line will be at the contract price per lineal foot and will include full compensation for furnishing all labor, materials, tools and equipment required to replace all existing pavement markings as shown on the Plans, and no additional payment will be made therefore.

**59. THERMOPLASTIC MARKINGS – LETTERS & NUMBERS**

Work under this item will consist of providing new pavement markings – letters and numbers where shown on the plans and where obliterated by new construction. Pavement markings shall be thermoplastic with reflective material furnished and applied in conformance with Sections 210-1.6 and 310-5.6 of the Standard Specifications.

Payment for thermoplastic markings – letters & numbers will be at the contract price per each and will include full compensation for furnishing all labor, materials, tools and equipment required to replace all existing pavement markings as shown on the Plans, and no additional payment will be made therefore.

**60. REMOVE AND RELOCATE EXISTING WOOD FENCE**

Work under this item will consist of furnishing the needed materials, removing and reinstalling the existing fence at the location shown on the plans.

Payment for Remove and Relocate Existing Wood Fence will be at the contract unit price per lineal foot installed, and will include full compensation for furnishing all materials, labor, tools, and equipment required to reinstall the fence as shown on the plans, and no additional payment will be made therefore.

**61. CITY MONUMENT BOX**

Work under this item will consist of excavation and backfill, furnish and install City monument box including concrete core and brass cap at the locations shown on the plans.

City monument boxes shall conform with the requirements of the Standard Plans (A-15).

Payment for the monument boxes will be the contract unit price per each installed and will include full compensation for furnishing all materials, labor, tools, and equipment necessary to excavate, construct and backfill monument boxes as specified and as shown on the Plans, and no additional payment will be made therefore.

**PROPOSAL TO**  
**CITY OF SAN JUAN BAUTISTA**

To the Honorable City Council  
City of San Juan Bautista

Ladies and Gentlemen:

The undersigned as bidder declares that he has carefully examined the location of the proposed work, the plans and specifications and the proposed contract annexed thereto and agrees that if this proposal is accepted, to contract with the City of San Juan Bautista, in the form of the copy of the contract attached to the specifications, to provide all the materials (except those specifically mentioned to be furnished by the City), necessary machinery, tools, apparatus, and other means of construction and do all the work specified in the contract in the manner and time set forth for the improvement of the specified work entitled: **INFRASTRUCTURE PROGRAM PROJECT**.

Construction shall be in strict conformity with the plans and specifications prepared by the City Engineer, of the City of San Juan Bautista, copies of which are on file in the office of the City Clerk, and which plans and specifications are hereby made a part hereof.

The Bidder proposes and agrees to contract with the City of San Juan Bautista to perform all of the work, including subsidiary obligations as defined in said specifications for the following prices to wit:

**INFRASTRUCTURE PROGRAM PROJECT**

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
1	1	L.S. Mobilization at _____ _____ Dollars per L.S.	\$ _____	\$ _____
2.	16,412	S.Y. Street Grading (Third St., Tahulami St. & Fourth St.) at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
3.	4,335	S.Y. Street Grading (Washington St.) at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
4.	6,798	S.F. Remove & Dispose Existing Concrete Curb, Gutter, Sidewalk & Driveway at _____ _____ Dollars per S.F.	\$ _____	\$ _____
5.	16,412	S.Y. Saw Cut, Remove & Dispose of Existing Asphalt (3 <sup>rd</sup> , Tahulami & 4 <sup>th</sup> St.) Pavement at _____ _____ Dollars per S.Y.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
6.	2,352	S.Y. Saw Cut, Remove & Dispose of Existing Asphalt (Washington St.) Pavement at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
7.	16,174	L.F. Saw Cut, Remove Asphalt Pavement for Trenching at _____ _____ Dollars per L.F.	\$ _____	\$ _____
8.	1	L.S. Trench Shoring & Sheeting at _____ _____ Dollars per L.S.	\$ _____	\$ _____
9.	16,174	L.F. Trench Restoration at _____ _____ Dollars per L.F.	\$ _____	\$ _____
10.	16,412	S.Y. 16" Class II Aggregate Base at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
11.	2,318	S.Y. 6" Class II Aggregate Base at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
12.	16,412	S.Y. Pavement Fabric at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
13.	16,412	S.Y. 4" Asphalt Concrete at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
14.	1,737	S.Y. 2" Asphalt Concrete at _____ _____ Dollars per S.Y.	\$ _____	\$ _____
15.	18,149	S.Y. Fog Seal at _____ _____ Dollars per S.Y.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
16.	16	L.F. 6" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ Dollars per L.F.	\$ _____	\$ _____
17.	4,511	L.F. 8" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ Dollars per L.F.	\$ _____	\$ _____
18.	8,219	L.F. 12" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ Dollars per L.F.	\$ _____	\$ _____
19.	4,576	L.F. 16" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ Dollars per L.F.	\$ _____	\$ _____
20.	230	L.F. Bore & Jack for 16" Water Pipe (incl. casing) at _____ Dollars per L.F.	\$ _____	\$ _____
21.	5	EA. Fire Hydrants (complete with valves, etc. & Connect to Existing or New Water Main) at _____ Dollars per EA.	\$ _____	\$ _____
22.	7	EA. Existing Fire Hydrants (complete With valves, etc. & Connect to Existing or New Water Main) at _____ Dollars per EA.	\$ _____	\$ _____
23.	132	EA. Water Services 1" (Connect to New Water Main) at _____ Dollars per EA.	\$ _____	\$ _____
24.	13	EA. Remove Existing Fire Hydrant & Replace with New Fire Hydrant (complete With valves, etc. & Connect to Main) at _____ Dollars per EA.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
25.	6,389	L.F. 15" Sanitary Sewer Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
26.	28	L.F. 6" Sanitary Sewer Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
27.	1,630	L.F. 8" Sanitary Sewer Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
28.	230	L.F. Bore & Jack for 15" Sanitary Sewer Pipe (incl. casing) at _____ Dollars per L.F.	\$ _____	\$ _____
29.	31	EA. Construct New Sanitary Sewer Manhole & Connect New & Existing Sanitary Sewer Mains at _____ Dollars per EA.	\$ _____	\$ _____
30.	15	EA. Remove & Dispose of Existing Sanitary Sewer Manhole at _____ Dollars per EA.	\$ _____	\$ _____
31.	2	EA. Connect New Sanitary Sewer Pipe To Existing Sanitary Sewer Manhole at _____ Dollars per EA.	\$ _____	\$ _____
32.	78	EA. Connect Existing Sanitary Sewer Laterals to New Sanitary Sewer Main at _____ Dollars per EA.	\$ _____	\$ _____
33.	8,686	L.F. Reclaimed (Purple) Water Pipe at _____ Dollars per L.F.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
34.	230	L.F. Bore & Jack for 6" Purple Water Pipe (incl. casing) at _____ Dollars per L.F.	\$ _____	\$ _____
35.	2,297	L.F. 4" & 3" Sanitary Sewer Force Main at _____ Dollars Per L.F.	\$ _____	\$ _____
36.	16	LF. 4" Sanitary Sewer Force Main at _____ Dollars Per L.F.	\$ _____	\$ _____
37.	1	L.S. Sanitary Sewer Lift Station Complete With all Electrical, etc. at _____ Dollars per L.S.	\$ _____	\$ _____
38.	69	L.F. 12" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
39.	218	L.F. 15" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
40.	1,585	L.F. 18" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
41.	1,422	L.F. 24" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
42.	577	L.F. 30" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
43.	759	L.F. 36" Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
44.	32	L.F. 13" x 22" Elliptical Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
45.	174	L.F. 24" x 38" Elliptical Storm Drain Pipe at _____ Dollars per L.F.	\$ _____	\$ _____
46.	17	EA. Construct Storm Drain Manhole (Type I) at _____ Dollars per EA.	\$ _____	\$ _____
47.	6	EA. Construct Storm Drain Manhole (Type II) at _____ Dollars per EA.	\$ _____	\$ _____
48.	11	EA. Construct Curb Inlet (Type A) at _____ Dollars per EA.	\$ _____	\$ _____
49.	8	EA. Connect to Existing Storm Drop Inlet or Curb Inlet at _____ Dollars per EA.	\$ _____	\$ _____
50.	1	EA. Remove Existing Drop Inlet and Replace with New Curb Inlet Type A at _____ Dollars per EA.	\$ _____	\$ _____
51.	429	L.F. Curb & Gutter (incl. Gravel Cushion) at _____ Dollars per L.F.	\$ _____	\$ _____
52.	7,981	S.F. 4" Concrete Sidewalk & Handicap Ramps (incl. gravel cushion) at _____ Dollars per S.F.	\$ _____	\$ _____
53.	1,983	S.F. 6" Concrete Driveways (Commercial) (incl. Gravel Cushion at _____ Dollars per S.F.	\$ _____	\$ _____
54.	718	S.F. 6" Concrete Driveway (Residential) (incl. Gravel Cushion) at _____ Dollars per S.F.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
55.	134	S.F. Concrete Cross Gutter at _____ Dollars per S.F.	\$ _____	\$ _____
56.	12	EA. Remove & Reinstall Signs on New 4" x 4" Wood Post at _____ Dollars per EA.	\$ _____	\$ _____
57.	2,247	L.F. Centerline Stripe 23A at _____ Dollars per L.F.	\$ _____	\$ _____
58.	2,049	L.F. Thermoplastic 12" White Limit Line at _____ Dollars per L.F.	\$ _____	\$ _____
59.	115	EA. Thermoplastic Letters & Numbers at _____ Dollars per EA.	\$ _____	\$ _____
60.	150	L.F. Remove & Relocate Existing Wood Fence at _____ Dollars per L.F.	\$ _____	\$ _____
61.	2	EA. City Monument Box at _____ Dollars per EA.	\$ _____	\$ _____
<b>TOTAL ALL ITEMS</b>				<b>\$ _____</b>

Care has been taken to include all construction as described in the Contract Documents as Bid Items. For any structure, fitting, accessory, etc. that is not clearly included in a bid item, the Contractor shall include it as a part of the most appropriate bid item.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Title of Bidder

\_\_\_\_\_  
Company

**OPTIONAL  
DEDUCT 1**

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
7.	6,918	L.F. Saw Cut, Remove Asphalt Pavement for Trenching at _____ _____ Dollars per L.F.	\$ _____	\$ _____
8.	1	L.S. Trench Shoring & Sheeting at _____ _____ Dollars per L.S.	\$ _____	\$ _____
9.	6,918	L.F. Trench Restoration at _____ _____ Dollars per L.F.	\$ _____	\$ _____
18.	3406	L.F. 12" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ _____ Dollars per L.F.	\$ _____	\$ _____
25.	1,404	L.F. 15" Sanitary Sewer Pipe at _____ _____ Dollars per L.F.	\$ _____	\$ _____
27.	996	L.F. 8" Sanitary Sewer Pipe at _____ _____ Dollars per L.F.	\$ _____	\$ _____
29.	9	EA. Construct New Sanitary Sewer Manhole & Connect New & Existing Sanitary Sewer Mains at _____ _____ Dollars per EA.	\$ _____	\$ _____
33.	3,701	L.F. Reclaimed (Purple) Water Pipe at _____ _____ Dollars per L.F.	\$ _____	\$ _____

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
35.	2,297	L.F. 4" & 3" Sanitary Sewer Force Main at _____ Dollars Per L.F.	\$ _____	\$ _____
36.	16	LF. 4" Sanitary Sewer Force Main at _____ Dollars Per L.F.	\$ _____	\$ _____
37.	1	EA. Sanitary Sewer Lift Station Complete With all Electrical, etc. at _____ Dollars per EA.	\$ _____	\$ _____
<b>TOTAL DEDUCT 1</b>				\$ _____

Care has been taken to include all construction as described in the Contract Documents as Bid Items. For any structure, fitting, accessory, etc. that is not clearly included in a bid item, the Contractor shall include it as a part of the most appropriate bid item.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Title of Bidder

\_\_\_\_\_  
Company

**OPTIONAL  
DEDUCT 2**

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
7.	2,742	L.F. Saw Cut, Remove Asphalt Pavement for Trenching at _____ _____ Dollars per L.F.	\$ _____	\$ _____
8.	1	L.S. Trench Shoring & Sheeting at _____ _____ Dollars per L.S.	\$ _____	\$ _____
9.	2,747	L.F. Trench Restoration at _____ _____ Dollars per L.F.	\$ _____	\$ _____
17.	2,650	L.F. 8" Water Pipe (incl. valves, boxes & connect to Existing or New Water Main) at _____ _____ Dollars per L.F.	\$ _____	\$ _____
23.	27	EA. Water Services 1" (Connect to New Water Main) at _____ _____ Dollars per EA.	\$ _____	\$ _____
24.	3	EA. Remove Existing Fire Hydrant & Replace with New Fire Hydrant (complete With valves, etc. & Connect to Main) at _____ _____ Dollars per EA.	\$ _____	\$ _____
<b>TOTAL DEDUCT 2</b>				\$ _____

Care has been taken to include all construction as described in the Contract Documents as Bid Items. For any structure, fitting, accessory, etc. that is not clearly included in a bid item, the Contractor shall include it as a part of the most appropriate bid item.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Title of Bidder

\_\_\_\_\_  
Company

**OPTIONAL  
DEDUCT 3**

ITEM NO.	ESTIMATED QUANTITY	DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	ITEM PRICE WRITTEN IN FIGURES	TOTAL PRICE WRITTEN IN FIGURES
3.	4,335	S.Y. Street Grading (Washington St.) at _____ Dollars per S.Y.	\$ _____	\$ _____
6.	2,352	S.Y. Saw Cut, Remove & Dispose of Existing Asphalt (Washington St.) Pavement at _____ Dollars per S.Y.	\$ _____	\$ _____
11.	2,318	S.Y. 6" Class II Aggregate Base at _____ Dollars per S.Y.	\$ _____	\$ _____
14.	1,737	S.Y. 2" Asphalt Concrete at _____ Dollars per S.Y.	\$ _____	\$ _____
15.	1,737	S.Y. Fog Seal at _____ Dollars per S.Y.	\$ _____	\$ _____
<b>TOTAL DEDUCT 3</b>				\$ _____

Care has been taken to include all construction as described in the Contract Documents as Bid Items. For any structure, fitting, accessory, etc. that is not clearly included in a bid item, the Contractor shall include it as a part of the most appropriate bid item.

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Title of Bidder

\_\_\_\_\_  
Company

All bids will be compared on the basis of the Engineer's Estimate of the quantities of the work to be done for the combination of base selected.

The undersigned has checked carefully all of the above figures and understands that the City shall not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

In case of a discrepancy between words & figures, words shall prevail.

Bidder acknowledges receipt of addendum below by placing their initials next to those numbers that they have received.

Addendum No. 1 \_\_\_\_\_ Addendum No. 3  
Addendum No. 2 \_\_\_\_\_ Addendum No. 4

The undersigned hereby certifies that this bid is genuine and not sham or collusive, or made in the interest or in behalf of any person not herein named, and that the undersigned has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or any other person, firm or corporation to refrain from bidding, and that the undersigned has not in any manner sought by collusion to secure for himself an advantage over any other bidder.

The City reserves the right to reject any and all bids and to waive any informality or irregularity in bids received.

It is agreed that this bid may not be withdrawn for a period of sixty (60) days from the opening thereof.

The terms and conditions of the final contract when executed shall control and supersede anything herein to the contrary or inconsistent with such contract.

The names of all persons interested in the foregoing proposal as principals are as follows:

NOTE: If the bidder or other interested person is a corporation state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing the firm; if bidder or other interested person is an individual, state first and last name in full.

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Bidder presently possesses the following license(s) (please state class and License number for each class) \_\_\_\_\_ and/or will possess the class or combination of classes required by the contract specifications at the time of contract award.

\_\_\_\_\_ Signature of Bidder

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation: If bidder is a co-partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contract on behalf of the co-partnership and if bidder is an individual, his signature shall be placed above.

Business Address: \_\_\_\_\_ Business Phone \_\_\_\_\_

Place of Residence: \_\_\_\_\_

Dated: \_\_\_\_\_, 20\_\_\_\_

The estimate of construction quantities hereinbefore set forth is approximate only, being given as a basis for the comparison of bids and the City does not expressly or by implication agree that the actual amount of work will correspond therewith, but reserves the right to increase the amount of any class or portion of the work or to omit portions of the work as may be deemed necessary or expedient by the Engineer.

If this proposal shall be accepted and the undersigned shall fail to contract as aforesaid and to furnish bonds as provided in said specifications with sureties satisfactory to the City within ten (10) calendar days after the bidder has received notice from said City that the contract is ready for signature, the City may at its option, determine that the bidder has abandoned the contract, and the forfeiture of such security accompanying this proposal shall operate and the same shall be the property of the City.

Enclosed find cash, certified check, cashier's check or bidder's bond which is not less than ten per cent (10%) of this bid, payable to the City Clerk and which is given as a guarantee that the undersigned will enter into the contract if awarded the work.

**DESIGNATION OF SUBCONTRACTOR:**

In compliance with the provisions of Section 4100-4107 of the Government Code of the State of California, and any amendments thereof, each bidder shall set forth below the name and location of the mill, shop or office of each Subcontractor who will perform work or labor or render service to

the Contractor in or about the construction of the work or improvement to be performed under these specifications and the portion of the work which will be done by each Subcontractor.

If the Contractor fails to specify a Subcontractor for any portion of the work to be performed under the contract, he shall be deemed to have agreed to perform such portion himself, and he shall not be permitted to subcontract that portion of the work except under the conditions hereinafter set forth.

NAME AND PLACE OF BUSINESS OF SUBCONTRACTOR	SUBCONTRACTOR LICENSE CLASS & NUMBER	PORTION OF WORK TO BE DONE (BY ITEM NUMBER & PERCENTAGE)
1. _____ _____	_____	_____
2. _____ _____	_____	_____
3. _____ _____	_____	_____
4. _____ _____	_____	_____
5. _____ _____	_____	_____

Subletting or subcontracting of any portion of the work as to which no subcontractor was designated in the original bid shall be permitted in cases of public emergency or necessity, but only after a finding, reduced in writing, as a public record of the City.

## C O N T R A C T

**THIS AGREEMENT** is made and entered into this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, by and between \_\_\_\_\_, ("Contractor"), and the City of San Juan Bautista, ("City");

**WHEREAS**, the City Council has directed staff to negotiate with Contractor for the timely completion of the:

### **INFRASTRUCTURE PROGRAM PROJECT ("Project")**

**NOW, THEREFORE, IT IS AGREED**, as follows:

**1. Scope of Work:** The Contractor shall perform all the work, and furnish all the labor, materials, equipment and all utility and transportation services required to complete all of the work of construction and installation of the improvements more particularly described in attached exhibits entitled "Statement of Work" and "Items of Construction".

**2. Time of Performance and Liquidated Damages:** Contractor shall begin the Project within ten (10) days after official notice by the City to proceed, and shall diligently prosecute the project to completion before the expiration of one hundred eighty (180) working days from the date said notice.

In the event Contractor does not complete the Project within the time limit so specified or within such further time as the City shall have authorized, Contractor shall pay to City liquidated damages in the amount of Five Hundred Dollars (\$500.00) per calendar day for each and every day's delay in finishing the Project beyond the times prescribed to complete the Project or portions thereof in Conformance with Subsection 6-9 "Liquidated Damages", of the City of Hollister Standard Specifications of these Project Specifications. The liquidated damages are intended to cover extra and protracted inspection and testing caused by Contractor.

**3. Compensation:** Compensation for completion of all base items of construction will be in the amount of \_\_\_\_\_ (\$\_\_\_\_\_). For any moneys earned by Contractor and withheld by the City to ensure the performance of the contract, Contractor may, at his request and expense, substitute securities equivalent to the amount withheld in the form and manner and subject to the conditions provided by law.

**4. Component Parts.** This contract shall consist of the following documents, each of which is on file in the office of the city clerk of the City of San Juan Bautista and all of which are incorporated herein and made a part hereof by reference thereto:

- a) This Agreement
- b) Faithful Performance Bond
- c) Labor and Material Bond
- d) Statement of Work
- e) Items of Construction
- f) Design Standards, standard specifications & Details
- g) Plans and Detailed Drawings

**5. Prevailing Wages.** Pursuant to Section 1773 of the Labor Code of the State of California, the City has obtained from the Director of Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of worker required to execute the contract. A copy of said prevailing rate of per diem wages is on file in the office of the city clerk, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at the job site. The provisions of Article 2, Chapter 1, Part 7, Division 2 (commencing with Section 1770) of the Labor Code and particularly Section 1775 thereof, shall be complied with.

**6. Hours of Labor.** Contractor shall forfeit, as penalty to City, Twenty-Five Dollars (\$25.00) for each worker employed in the execution of the contract by him or by any subcontractor, for each calendar day during which any worker is required or permitted to labor more than forty (40) hours in any one (1) calendar week, in violation of the Labor Code of the State of California.

**7. Apprentices.** In accordance with the provisions of Section 1777.5 of the Labor Code, and in accordance with the rules and procedures of the California Apprenticeship Council, properly indentured apprentices shall be employed in the prosecution of the Project. The ratio of apprentices to journeymen who shall be employed in the respective crafts or trades may be the ratio stipulated in the apprenticeship standards under which the appropriate joint apprenticeship committee operates. In no case shall the ratio be less than one (1) hour of apprentices work for every five (5) hours of labor performed by a journeyman unless a certificate of exemption has been issued by the Division of Apprenticeship Standards. Willful failure by Contractor to comply with said Section 1777.5 shall result in his being denied the right to bid on a public works contract for a period of six (6) months from the date the determination is made.

Information relative to number of apprentices, identifications, wages, hours of employment and standards of working conditions shall be obtained from the Director of the Department of Industrial Relations, who is the Administrative Officer of the California Apprenticeship Council.

**8. Labor Discrimination.** Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, religious creed, color, national origin or ancestry, physical disability, mental disability, medical condition, marital status, or sex of such persons, except as provided in Section 12940 of the Government Code, and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

**9. Indemnification.** Contractor shall defend, indemnify and hold harmless the City of San Juan Bautista, its officers, officials, employees, agents and volunteers (collectively "City"), from and against any and all claims, demands, actions, losses, damages, injuries, or liabilities, including but not limited to damages for death or injury to any person, or damage or destruction to any property resulting from the negligent acts, errors or omissions of Contractor in its performance of the services provided under this agreement, or from Contractor's failure to comply with any of its obligations contained in this Agreement. Should City be named in any suit, or should any claim be

made against City by suit or otherwise arising out of Contractor's negligent acts, errors or omissions in the performance of services provided for by this Agreement, or from its failure to comply with its obligations under this Agreement, Contractor shall defend and indemnify the City for any judgment rendered against City or by any sums paid out in settlement or otherwise, but only to the extent caused by Contractor's negligence in the performance of services hereunder.

**10. Independent Contractor.** Contractor shall perform such services in its own way and as an independent contractor in the pursuit of his own calling and not as an employee of the City. Contractor shall be under the control of the City only as to the results to be accomplished and not as to the means and manner by which said results are to be accomplished.

**11. Subcontractors / Joint Participation Agreements.** With the prior approval of the City, Contractor may enter into subcontracts and joint participation agreements with others for the performance of portions of this Agreement. Contractor shall at all times be responsible for the acts and errors or omissions of its subcontractors or joint participants and persons directly or indirectly employed by them. Nothing in this Agreement shall constitute any contractual relationship between any others and the City or any obligations on the part of the

City to pay, or to be responsible for the payment of, any sums to any subcontractors. Failure of City to request copies of such documents will not impose any liability on City, or its employees.

**12. Copies of Subcontractors Agreements.** Upon written request from the City, Contractor shall supply the City with all subcontractor agreements.

**13. Provisions Binding on Subcontractors.** The provisions of this Agreement shall apply to all subcontractors in the same manner as to Contractor. In particular, the City will not pay, even indirectly, the fees and expenses of a subcontractor which do not conform to the limitations and documentation requirements of this Agreement.

**14. Insurance Requirements.** Contractor, at Contractor's own costs and expense, shall procure and maintain, for the duration of the contract, the following insurance policies.

A. Worker's Compensation Coverage. Contractor shall maintain Workers' Compensation Insurance covering all of contractor's employees in accordance with the laws of the State of California. In addition, Contractor shall require each subcontractor to similarly maintain Workers' Compensation Insurance in accordance with the laws of the State of California. Any notice of cancellation or non-renewal of all Workers' Compensation policies must be received by the City at least thirty (30) days prior to such change. The insurer shall agree to waive all rights of subrogation against the City, its officers, agents, employees and volunteers for losses arising from work performed by Contractor for City.

B. Commercial General Liability Coverage. Contractor shall maintain commercial general liability insurance with contractual liability, premise and operations, broad form property damage, explosion, collapse and underground, products/complete operations, independent contractors, and personal injury coverage in an amount not less than One Million Dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property

damage. If a commercial general liability insurance form or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to the Project to be performed under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit.

C. Automobile Liability Coverage. Contractor shall maintain automobile liability insurance covering bodily injury and property damage for all activities of Contractor arising out of or in connection with the Project to be performed under this Agreement including coverage for owned, non-owned, hired or leased vehicles which are required to be licensed under the California or any other applicable state vehicle code, in an amount of not less than One Million Dollars (\$1,000,000) on a claims-made annual aggregate basis, or a combined single-limit per occurrence basis.

**15. Endorsements.** Each general liability and automobile liability insurance policy shall be with insurers possessing a Best's rating of no less than A:VII and shall be endorsed with the following specific language:

A. The City, its elected or appointed officers, officials, employees, agents and volunteers are to be covered as additional insureds with respect to liability arising out of work performed by or on behalf of Contractor, including materials, parts or equipment furnished in connection with such work or operations.

B. This policy shall be considered primary insurance as respects the City, its elected or appointed officers, officials, employees, agents and volunteers. Any insurance maintained by the City, including any self insured retention the City may have, shall be considered excess insurance only and shall not contribute with it.

C. This insurance shall act for each insured and additional insured as though a separate policy had been written for each, except with respect to the limits of liability of the insuring company.

D. The insurer waives all rights of subrogation against the City, its elected or appointed officers, officials, employees or agents.

E. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its elected or appointed officers, officials, employees, agents or volunteers.

F. The insurance provided by this policy shall not be suspended, voided, canceled, or reduced in coverage or in limits except after thirty (30) days written notice has been received by the City.

**16. Deductibles and Self-Insured Retentions.** Any deductibles or self-insured retentions must be declared to and approved by the City. At the City's option, Contractor shall demonstrate financial capability for payment of such deductibles or self-insured retentions.

**17. Certificates of Insurance.** Contractor and subcontractors shall provide certificates of

insurance with original endorsements to City as evidence of the insurance coverage required herein. Certificates of such insurance shall be filed with the City on or before commencement of performances of this Agreement. Current certification of insurance shall be kept on file with the City at all times during the term of this Agreement.

**18. Permits.** Contractor and its officers, agents and employees shall obtain and maintain all permits and licenses necessary for Contractor's performance hereunder, including a city business license, and shall pay any fees required therefore.

**19. Taxpayer Identification Number (TIN).** Contractor declares that its authorized TIN is \_\_\_\_\_. No payment will be made under this Agreement without a valid TIN number.

**20. Waiver.** Waiver of a breach or default under this Agreement shall not constitute a continuing waiver of a subsequent breach of the same or any other provision under this Agreement.

**21. Litigation Expenses and Attorney's Fees.** If either party to this Agreement commences any legal action against the other party arising out of this Agreement, the prevailing party shall be entitled to recover its reasonable litigation expenses, including court costs, expert witness fees, discovery expenses, and attorneys' fees.

**22. Amendments.** This Agreement may be modified or amended only by a written document executed by both Contractor and City and approved as to form by the city attorney.

**23. Entire Agreement.** This Agreement constitutes the complete and exclusive statement of Agreement between the City and Contractor. All prior written and oral communications, including correspondence, drafts, memoranda, and representations, are superseded in total by this Agreement.

IN WITNESS WHEREOF, the City of San Juan Bautista has caused their presence to be executed by its officers, thereunto duly authorized, and Contractor has subscribed same, all on the day and year first above written.

CITY OF SAN JUAN BAUTISTA,  
a Municipal Corporation

Name of Contractor

By \_\_\_\_\_

By \_\_\_\_\_

Signature of Contractor

\_\_\_\_\_  
Title

APPROVED AS TO FORM:  
City Attorney

## DIVISION I

### SPECIAL PROVISIONS

01010 PROJECT DESCRIPTION (not used)

01011 SUMMARY OF WORK (Not Used)

01012 EQUIPMENT TO BE PROVIDED TO OWNER (not used)

01013 WORK BY OTHERS

Others working on associated facilities and probably interfacing with the Contractor at some time during the execution of the work include:

Owner operation of existing sewer systems.

The Contractor shall cooperate to complete the necessary installation at a minimum cost and time delay for all involved. In the event of lack of agreement, the Engineer will determine how and where the interface shall be made and his decision shall be final.

01014 DEFINITIONS

City: City of San Juan Bautista, California  
Owner: City of San Juan Bautista, California  
Engineer: City of San Juan Bautista, California, Engineering Department  
Contractor: The individual, partnership, corporation, joint, venture, or other legal entity having a contract with the City to perform the work.

01015 WORK INVOLVING EXISTING SYSTEM

Operation of the existing system shall not be jeopardized or materially reduced in efficiency as a result of the execution of Work.

The Contractor must not plan work schedules until a written schedule has been approved, and work is fully coordinated with the Owner's operations.

01016 COORDINATION OF WORK

The Contractor shall maintain overall coordination for the execution of the Work pertaining to this project. Based on the Construction Schedule prepared in accordance with these Specifications, he shall obtain from each of his subcontractors a similar schedule which shall be integrated into the construction schedule. The Contractor shall then be responsible for all parties maintaining these schedules for coordinating required modifications.

01017 WORK SEQUENCE AND CONSTRAINTS

- A. Within ten (10) working days upon receiving the Notice to Proceed, the Contractor shall initiate the submittal and review process for all materials and equipment to be used on the project.
- B. Within sixty (60) working days after the Notice To Proceed has been issued, the project shall be completed.
- C. The Contractor shall be aware that there may be change orders involved with this Work. The Engineer

has made every attempt possible to determine the extent and location of all existing facilities within the project area. However, the inexact nature of existing knowledge and unavailable as-built plans may require the issuing of change orders to reflect changed conditions.

01020 CONSTRUCTION STAKES, LINES AND GRADES

The Work shall be executed in accordance with the lines and grades indicated in the Contract Documents. Distances and measurements, except elevations and structural dimensions, shall be made on horizontal planes.

01022 PARTIAL ACCEPTANCE OF WORK

After completion of certain portions of the Work, including all testing and other preparation necessary for operation of such portions by the Owner as herein specified, but prior to final completion of the Work, provisions may be made for partial acceptance in writing by the Owner for such portions only. The portions of the Work to be included for partial acceptance prior to final project completion will be noted at the preconstruction conference in accordance with Contractor's schedule, or by written notice to the Contractor at the earliest possible time.

The guarantee period for such portions of the Work shall commence with the date of their acceptance for use by the Owner. However, full payment for such portions will not be made until final acceptance of the total Work.

Acceptance of any portion of the Work prior to acceptance of the whole shall not be construed as absolving the Contractor of responsibility for any item of construction or incidental work included in the Contract.

Prior to such occupancy or use, the Owner will enter into a written agreement with the Contractor delineating the portions of the Work released to the Owner for occupancy or use and indicating what if any, work remains to be done within the occupied or released area. If such prior use increases the cost of or delays the Work, the Contractor shall be entitled to such extra compensation, or extension of time, or both, as may be determined by the Owner after consideration of recommendations by the Engineer.

Should any portion of the Work in use be damaged thereby, the Owner shall bear the expense for repairing such damage. However, if the portion being so used should reveal deficiencies of materials or workmanship, it shall be the Contractor's responsibility to replace the defective construction.

01210 PRECONSTRUCTION CONFERENCE

Upon receipt of the completed (signed) Contract, the Engineer will arrange a meeting to be attended by the Contractor, Owner, Engineer, or their respective representatives, and others involved in the execution of the work.

The purpose of this conference shall be to establish a working understanding between the parties and to discuss the Construction Schedule, shop drawing submittals and processing, applications for payments and their processing, and such other subjects as may be pertinent for the execution of the Work.

01220 PROGRESS MEETINGS

The Contractor shall arrange and conduct progress meetings. These meetings shall be conducted at least once every two (2) weeks and shall be attended by the Contractor's superintendent and representatives of all subcontractors, utilities, and others that are active in the execution of the Work. The purpose of these meetings shall be to expedite the work of any subcontractor or other organization that is not up to schedule, resolve conflicts, and in general coordinate and expedite the execution of the Work.

The agenda of progress meetings shall include review of progress and schedule, review payment request at monthly intervals, review of narrative report, review of the latest Construction Schedule update, and review of the record documents if necessary.

If work is on schedule, progress meeting may, with Owner approval, be held by phone.

01221 SCHEDULE REVIEW

The Work and the Construction Schedule shall be reviewed to verify:

- A. Start and finish dates of activities fall within Contract time.
- B. Durations and progress of all activities are reasonable.

01222 REVISIONS TO CONSTRUCTION SCHEDULE

The Contractor shall submit a revised Construction Schedule within five days of the occurrence of any of the following:

- A. When delay in completion of any activity or group of activities indicates an overrun of the Contract time or control point requirement, by 10 working days or ten percent (10 percent) of the remaining duration, whichever is less.
- B. Delays in submittals, deliveries or work stoppages are encountered which make replanning or rescheduling of the work necessary.
- C. The Schedule does not represent the actual prosecution and progress of the project as being performed in the field.

Acceptance of the revised Construction Schedule and all supporting data is contingent upon compliance with other related requirements specified before in this DIVISION I and any other previous agreements or requirements with or by the Engineer.

01300 SUBMITTALS - SHOP DRAWINGS

In ample time for each to serve its purpose and function, the Contractor shall submit to the Engineer for approval all schedules, reports, drawings, lists, literature samples, instructions, directions, guarantees, shop drawings, layout diagrams, catalog data, and test reports for all materials and equipment to be used for completion of the work. All information to be provided in sufficient detail to show complete compliance with all specified requirements of the Contract Documents covering, but not limited to, 01310 Materials and Equipment List.

The Contractor, at his own expense, shall make such changes in the required drawings as may be necessary to conform to the Contract Documents. After completion of such checking, verification, and revising, the Contractor shall stamp and sign the drawings indicating his approval and submit the shop drawings and pertinent data to the Engineer for review. Prior to the Engineer's review of such drawings, any work which the contractor may do on the fabrications covered by the same shall be at his own risk as the Owner will not be responsible for any expense or delays incurred by the Contractor for changes to make the same conform to the Contract Documents.

Shop drawings and data shall be submitted to the Engineer in such number of copies as will allow him to retain four (4) copies of each submittal. The submittal shall clearly indicate the specific area of the Contract Documents for which the submittal is made. The additional copies received by him will be returned to the Contractor's representative at the job site. The Engineer's notations of the action which he has taken will be noted on the returned copies.

The above drawings, lists, prints, samples, and other data shall become a part of the Contract Documents, and a copy of the same shall be kept with the job site Contract Documents, and the fabrications furnished shall be in conformance with the same. However, the Engineer's review of the above drawings, lists, prints, specifications, samples or other data shall in no way release the Contractor from his responsibility for the proper fulfillment of the requirements of this Contract nor for fulfilling the purpose of the installation nor from his liability to replace the same, should it prove defective or fail to meet the specified requirements.

01310 MATERIALS AND EQUIPMENT LIST

Submittals

Construction Zone Traffic Control Plan  
Project Schedule

01320 QUALITY CONTROL

All materials and equipment shall be new and of the specified quality and equal to the samples found to be acceptable by the Engineer, if samples have been submitted. The Work shall be done and completed in a thorough, workmanlike manner, notwithstanding any omission in the Contract Documents; and it shall be the duty of the Contractor to call the Engineer's attention to apparent errors or omissions and request instructions before proceeding with the Work. The Engineer may, by appropriate instructions, correct errors and supply omissions, which instructions shall be as binding upon the Contractor as though contained in the original Contract Documents.

01321 SAMPLING

The Contractor shall furnish such samples of materials as are requested by the Engineer, without charge. No material shall be used until the Engineer has had the opportunity to test or examine such materials. Samples will be secured and tested whenever necessary to determine the quality of the material. Samples and test specimens prepared at the job site, such as concrete test cylinders, shall be taken or prepared by the Engineer in the presence and with the assistance of the Contractor.

01322 INSPECTION

Materials, equipment, and workmanship shall be subject to the inspection of, and rejection by, the Engineer, if not in conformance with the Contract Documents. Defective materials, equipment, or Work shall be removed from the premises by the Contractor, whether in place or not, and shall be replaced with new and acceptable materials, equipment, or work. Repair of defective materials, equipment, or work shall be subject to the Engineer's acceptance.

On all questions concerning the acceptability of materials or equipment, classification of materials, or equipment, execution of the Work, and the determination of costs, the decision of the Engineer shall be final and binding upon all parties.

The Contractor shall at all times maintain proper facilities and provide safe access to all parts of the Work, to the shops wherein the Work is in preparation, and to all warehouses and storage yards wherein materials and equipment are stored, for purposes of inspection by the Engineer. Should any Work be covered up before the Engineer has had the opportunity to observe such work, it shall, if required by the Engineer, be uncovered for examination at the Contractor's expense.

01400 TEMPORARY FACILITIES

The Contractor shall provide all temporary facilities and utilities required for prosecution of the work, protection of employees and the public, protection of the work from damage by fire, weather or vandalism, and such other facilities as may be specified or required by any legally applicable law, ordinance, rule, regulation, or permit.

01401 ELECTRICAL SERVICE (not used)

01402 TEMPORARY LIGHTING

The Contractor shall provide temporary lighting in all work areas sufficient to maintain a lighting level during working hours not less than the lighting level required by OSHA standards.

01403 HEATING AND VENTILATION

The Contractor shall provide means for heating and ventilating all work areas as may be required to protect the Work from damage caused by freezing, high temperatures, and other weather conditions. The Contractor shall provide a safe environment for workers.

Unvented direct fired heaters shall not be used in areas where freshly placed concrete will be exposed to combustible gases until at least two hours after the concrete has attained its initial set.

01404 WATER

Owner will provide construction water for a fee. Contractor shall make all arrangements for water meter with the City Public Works, Engineering Department. Service will be at locations to be coordinated with the City. Contractor shall provide any/all temporary piping, hoses, etc. needed to transport water from service location to the jobsite. A reduced pressure principle backflow preventer assembly (Febco 825Y or approved equal) must be provided/installed by the Contractor with any temporary piping, hoses, etc. Water used for human consumption shall be kept free from contamination and shall conform to the requirements of the State and local authorities for potable water.

01405 SANITARY CONVENIENCES

The Contractor shall provide a suitable and adequate chemical toilet at the site of the work.

01414 WARNING DEVICES AND BARRICADES

The Contractor shall adequately identify and guard all hazardous areas and conditions by visual warning devices and, where necessary, physical barriers. Such devices shall, as a minimum, conform to the requirements of OSHA.

01415 HAZARDS IN PROTECTED AREAS

Excavation on the project site from which the public is excluded shall be marked or guarded in a manner appropriate for the hazard.

01416 PROTECTION OF EXISTING ITEMS

The Contractor shall protect all existing structures, and other items on the project site that are to be preserved, by substantial barricades or other devices commensurate with the hazard, from injury or destruction by vehicles, equipment, workmen, or other agents.

01417 PROJECT SECURITY

The Contractor shall install fencing and/or barricade around the project site, as required, for the protection of the Work area against fire, theft, and vandalism, and for the protection of the public against exposure to injury.

01418 FIRE EXTINGUISHERS

Sufficient number of fire extinguishers of the type and capacity required to protect the Work and ancillary facilities, shall be provided in readily accessible locations.

01419 DUST CONTROL

The Contractor shall take whatever steps, procedures, or means as are required to prevent abnormal dust conditions being caused by his operations in connection with the execution of the Work; and on any unpaved road which the Contractor or any of his subcontractors are using, excavation or fill areas, demolition operations, or other activities. Control shall be by sprinkling, use of dust palliatives, modification of operations, or any other means acceptable to agencies having jurisdiction. Dust control is to be maintained at all times throughout the project including weekends, evenings, holidays, or those times when there is no work in progress.

01420 SPECIAL CONTROLS

The Contractor shall take all reasonable means to minimize inconvenience and injury to the public, or other agencies under his control. The Contractor shall limit his work and staging area to the minimum necessary and minimize disruption of any adjacent commercial, retail, recreational or residential facilities.

01422 ODOR CONTROL

The Contractor shall take whatever steps, procedures, or means as are required to prevent abnormal odors being caused by his operations.

01423 DRAINAGE CONTROL

In excavation and grading operations care shall be taken to disturb the pre-existing drainage pattern as little as possible. Particular care shall be taken not to direct drainage water onto private property or into streets or drainage ways inadequate for the increase flow. Drainage means shall be provided to protect the Work.

01424 EROSION CONTROL

The Contractor shall take whatever steps, procedures, or means as are required to prevent erosion of soil being caused by his operations in connection with the execution of the work. Use of sandbags, geosynthetic mats, cellular confinement systems, erosion control blankets, silt fencing, etc. may be required to prevent soil erosion.

01502 CONTRACTOR'S CONTINUING OBLIGATION

CONTRACTOR's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. Neither recommendation of any progress or final payment by ENGINEER, nor the issuance of a Notice of Completion, nor any payment by OWNER TO CONTRACTOR under the Contract Documents, nor any use or occupancy of the Work or any part thereof by OWNER, nor any act of acceptance by OWNER nor any failure to do so, nor any review and approval of a Shop Drawing or sample submission, nor the issuance of a notice of acceptability by ENGINEER, nor any correction of defective Work by OWNER will constitute an acceptance or Work not in accordance with the Contract Documents or a release of CONTRACTOR's obligation to perform the Work in accordance with the Contract Documents.

01503 CONTACT PERSONS FOR OUTSIDE AGENCIES

The following agencies shall be contacted as specified in SECTION 5-UTILITIES of the City of Hollister Standard Specifications.

NOTE ALL APPLICABLE CONTACT PERSONS.

AGENCY	CONTACT PERSON	PHONE
San Benito County - Environmental Health	Ray Stevenson	(831) 636-4035

01504 PROJECT CLOSEOUT

It is the intent of these Contract Documents that the Contractor shall deliver a complete and operable facility capable of performing its intended functions and ready for use.

01505 CLEANING

Throughout the period of construction the Contractor shall keep the Work site free and clean of all rubbish and debris, and shall promptly remove from the site, or from property adjacent to the site of the Work, all unused

and rejected materials, surplus earth, concrete, and debris, excepting select material which may be required for refilling or grading.

01506 FINAL SITE CLEAN-UP

Upon completion of the Work, and prior to final acceptance, the Contractor shall remove from the vicinity of the Work all plant, surplus material, and equipment belonging to him or used under his direction during construction.

01507 WASTE DISPOSAL

The Contractor shall dispose of surplus materials, waste products, and debris and shall make necessary arrangements for such disposal.

01510 PROJECT RECORD DOCUMENTS

The Contractor shall maintain at the site, available to the Owner and Engineer, one copy of the Contract Documents, Drawings, Shop Drawings, Change Orders, and other modifications in good order and marked (red line) to record all changes made during construction (as-built drawings). These documents shall be delivered to the Owner upon completion of the Work prior to the release of final progress payment (not retention).

During the progress meetings, such record documents shall be reviewed to ascertain that all changes have been recorded.

01520 TOUCH-UP AND REPAIR

The Contractor shall touch up or repair finished surfaces on structures, or installations that have been damaged prior to final acceptance. Surfaces on which such touch up or repair cannot be successfully accomplished shall be completely refinished or in the case of hardware and similar small items, the item shall be replaced.

01530 REUSE OF DOCUMENTS

Neither CONTRACTOR nor any Subcontractor or Supplier or other person or organization performing or furnishing any of the Work under a direct or indirect contract with OWNER shall have or acquire any title to or ownership rights in any of the Drawings, Specifications or other documents (or copies of any thereof) prepared by or bearing the seal of ENGINEER; and they shall not reuse any of them on extensions of the Project or any other project without written consent of OWNER and ENGINEER and specific written verification or adaptation by ENGINEER.

**\*\*END OF SECTION DIVISION I\*\***

**DIVISION 2**

**SITE WORK**

SECTION 02016

**EXISTING UTILITIES**

1 GENERAL

1.01 PUBLIC AND PRIVATE UTILITIES

- A. The right is reserved by owners of public utilities and franchises to enter upon any street, road, right-of-way, or easement for the purpose of maintaining their property and for making necessary repairs or adjustments caused by the Contractor's operations. The Contractor shall save the Owner harmless of any costs so incurred.

1.02 RESTORATION OF DRAINAGE FACILITIES

- A. Where it is necessary for sanitary sewer facilities to be removed and replaced, applicable Specifications must be followed.
- B. Installation shall be in accordance with the applicable provisions of these Specifications.
- C. All costs of removal and restoration, whether new or existing facilities are installed, shall be considered to be included in the prices bid for the various items and no additional payment shall be allowed.

**\*\*END OF SECTION 02016\*\***