

**City of Lathrop
Department of Public Works**

**Citywide Sidewalk Improvements
CIP PS 24-08**

CUPCCAA Informal Bid Solicitation



Approved: 
Brad Taylor, PE, City Engineer

Date: January 18, 2024

CITY OF LATHROP - NOTICE INVITING INFORMAL BIDS
PURSUANT TO STATE OF CALIFORNIA UPCCA ACT

Citywide Sidewalk Improvements, CIP PS 24-08

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CITY OF LATHROP - NOTICE INVITING INFORMAL BIDS

PURSUANT TO STATE OF CALIFORNIA UPCCA ACT

Citywide Sidewalk Improvements CIP PS 24-08

NOTICE TO CONTRACTORS

The City of Lathrop invites sealed informal bids for the construction of public improvements for the **Citywide Sidewalk Improvements, Capital Improvement Project PS 24-08**, City of Lathrop, California. Sealed bids will be received at the City of Lathrop, located at 390 Towne Centre Drive, Lathrop, CA until **6:00 PM, Thursday, February 15, 2024**. Bids submitted by mail shall be addressed to: City of Lathrop, Attention Senior Construction Manager / SEALED BID FOR PS 24-08, 390 Towne Centre Drive, Lathrop, CA 95330.

SCOPE OF WORK

The scope of work to be performed under this contract is generally described as:

The removal and disposal of identified trip hazards in attachment (A) (Unrepaired Sidewalk Reports). The Unrepaired Sidewalk Reports contain a list of sidewalks that have a vertical deviation of $\frac{3}{4}$ " or more. The horizontal saw cutting of the concrete shall be made with horizontally-oriented circular blade embedded with diamond grit (No Grinding) and provide a smooth transition between concrete panels for compliance with the Americans with Disabilities Act (ADA). The cut areas shall be uniform, flat, and straight at the backline, have a non-slip finish and minimized scarring of the adjacent concrete.

Once the unrepaired sidewalks on attachment A have been addressed, a new sidewalk trip hazard assessment shall be made of areas 1-4 in the approximate survey limit map attachment (B). The sidewalk trip hazard assessment shall contain GIS compatible survey data to include GPS latitude and longitude coordinates of all identified concrete deviations, street names, and measurement of the deviation in Inch- Feet and the cost of repair.

BIDDING INFORMATION

This contract is effective for a primary term of 80 working days, encompassing the initial project scope outlined above. Upon the expiration of the primary term, the City will reserve the option to extend this agreement two additional terms, each term representing one year option periods to address concrete deviations found on trip hazard assessments. The total value for the initial term is estimated at \$155,000 and requires the following bonds at the indicated percentages of contract value: Bid (10%), Payment (100%), Performance (100%) and a Warranty Bond (10%) at the completion of the project, valid for one year.

PRICING STABILITY FOR OPTIONAL TERMS

In the event that the City chooses to exercise a 2nd or 3rd one year term, it is agreed that the unit pricing for these optional terms will remain fixed at the unit rate established for the initial term. The contractor agrees not to raise the contract prices for the optional terms, providing cost stability and predictability for the City.

A valid California Contractor's license Class C-8 (Concrete) is required to bid on this project.



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In accordance with SB 854, all contractors who bid or work on Public Works projects for the City of Lathrop are subject to the following requirements:

- **DIR Registration.** Each Bidder submitting a proposal to complete the work, labor, materials and/or services (“Work”) subject to this procurement must be a Department of Industrial Relations registered contractor pursuant to Labor Code Section 1725.5 (“DIR Registered Contractor”). A Bidder who is not a DIR Registered Contractor when submitting a proposal for Work is deemed “not qualified” and the proposal of such a Bidder will be rejected as non-responsive. Pursuant to Labor Code Section 1725.5, all Subcontractors identified in a Bidder’s Subcontractors’ List shall be DIR Registered Contractors. If awarded the Contract for the Work, at all times during performance of the Work, the Bidder and all Subcontractors, of any tier, shall be DIR Registered Contractors.

INQUIRIES

All communication relative to the administration of this work shall be directed to Ken Reed, Senior Construction Manager, at kreed@ci.lathrop.ca.us, (209) 941-7363 or by calling the Public Works Department at (209) 941-7430.

ATTACHMENTS

- A: Unrepaired Sidewalk Report
- B. Survey Area Map

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INSTRUCTIONS TO BIDDERS

BACKGROUND

The City of Lathrop is located in the San Joaquin Valley, 70 miles east of San Francisco, CA and has an approximate population of 35,000 people. The work will remove tripping hazards and restore smooth surfaces and consistent slopes to damaged segments of sidewalk throughout the City.

DESCRIPTION OF WORK

The work to be performed under this contract is generally described as, but not necessarily limited to the removal and disposal of trip hazards on attachment A (Unrepaired Sidewalk Reports). Attachment (A) contains reports of all concrete City sidewalks with a vertical offset of $\frac{3}{4}$ " and greater. A trip hazard assessment for vertically-offset sidewalk concrete shall be made following the repair of sidewalks on Attachment A. Project Plans, (Attachment A and B) provide additional project information.

Saw cutting to remove trip hazards will be paid for as a function of the product of the cut depth (in.) and length of cut (ft.) thusly: the average depth of cut $((\text{max} + \text{min})/2)$ (inches) x length of cut (feet).

The Trip Hazard assessment Report will be paid on a lump sum basis. The lump sum cost for this bid item shall include full compensation for providing a trip hazard assessment containing the following data: GIS compatible survey data to include GPS latitude and longitude coordinates of all identified vertical deviations in concrete sidewalks greater than $\frac{1}{4}$ " (one-quarter inch), street names, measurement of the vertical displacement (in.) and approximate length of horizontal cut (ft.) needed to restore ADA compliance, and the estimated cost of repair. Refer to attachment B Area 1-4 for survey limits.

All project materials shall be supplied by the Contractor, and the Work shall be performed in accordance with the Standard Specifications and the Construction Documents as defined in the General Conditions.

The Work shall be complete, and all work, materials, and services not expressly shown or called for in the Construction Documents which may be necessary for the complete and proper construction of the Work in good faith shall be performed, furnished, and installed by the Contractor as though originally specified or shown in said Construction Documents, at no increase in cost to the City.

START / COMPLETION OF TASKS

The Contractor shall commence and complete 1). The repair of sidewalks with a vertical offset of $\frac{3}{4}$ " or greater listed on Attachment A. 2). Complete sidewalk assessment on areas 1-4 on of the survey area map on Attachment B under this Contract at the direction of the City's Senior Construction Manager or his designee. The Contractor shall, at all times during the continuance of

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the Contract, prosecute the work with such force and equipment as are sufficient to complete the work as quickly as practicable

CONTRACT TERM

The first term of the Citywide Sidewalk Improvements Contract, CIP PS 24-08 contract will begin as early as March 1, 2024, and expire on June 30, 2024.

This contract may be extended by the City for up to two (2) additional one-year terms after the initial contract term at the discretion and approval of the City in its sole discretion, as follows:

- Optional Term 1: July 1, 2024 – June 30, 2025
- Optional Term 2: July 1, 2025 – June 30, 2026

ENGINEER'S ESTIMATE

The engineer's estimate for the work contemplated by the Base bid schedule for year 1 is \$155,000.

COMPLETION OF WORK

The Contractor shall commence work under this Contract on or before ten working days after receiving written Notice to Proceed from the City and shall fully **complete all work within 80 working days after the Notice to Proceed**. In the event that the work encompassed in the scope of this project is not finished by the end of the 1st term, the City at its sole discretion can decide to enact an optional term, subject to provisions contained in the Construction Documents relating to extension of time. The Contractor shall, at all times during the continuance of the Contract, prosecute the work with such force and equipment as are sufficient to complete it within the time specified. Working hours shall be Monday to Friday 7:00 a.m. to 5:00 p.m.

BID

Before submitting a Bid, bidders shall carefully examine and read the Construction Documents, visit the site of the work, fully inform themselves as to all existing site conditions and limitations. Bidders are required to inform themselves fully of the conditions relating to performance of the Work, and must employ, as far as possible, such methods and means in carrying out the Work as will not cause any interruption or interference to any other contractor or operations of the City or any other public agency.

Submission of a Bid shall be considered conclusive evidence that the Bidder has fully studied the Construction Documents, that Contractor has examined the site of the work, and that the Bidder is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the Construction Documents.

Bids shall be properly executed upon the Bid form bound herein and made a part of these Construction Documents. All blank spaces in the Bid forms must be filled in, in black or blue ink. Numbers shall be stated both in words and in figures where indicated on the Bid form, and original,

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'wet' signatures are required of all persons signing the Bid form. No changes on the Bid forms are allowed. In case of a difference in written words and figures, the amount stated in written words shall govern unless obviously in error.

SUBMISSION OF BIDS

All Bids must be submitted at the place and before the time prescribed in the Notice to Contractors. It is the Bidder's sole responsibility to see that his Bid is received in proper time. Bids received after that time will not be accepted.

Each Bid must be submitted in a non-transparent sealed envelope; if submitted by mail, enclose Bid envelope in another envelope addressed to:

Public Works
Attention: Senior Construction Manager
City of Lathrop
390 Towne Centre Drive
Lathrop, CA 95330

The sealed Bid envelope shall, in the lower right portion, be plainly identified with the following information:

- (a) Do not open before 2:00 PM on Thursday, February 15, 2024
- (b) Bid of: _____ (Name of Bidder) _____, Contractor.
- (c) CITYWIDE SIDEWALK IMPROVEMENTS, PS 24-08

INTERPRETATION OF PLANS AND SPECIFICATIONS

If any person contemplating submitting a Bid is in doubt as to the true meaning of any part of the Construction Documents, or finds discrepancies in or omissions from the Construction Documents, he/she may submit to the City's Senior Construction Manager, (as listed in *Section 00020 - Notice to Contractors* of these Specifications) a written request for an interpretation or correction thereof. All written requests must be received a minimum of 72 hours prior to bid opening; requests received after this time will not be accepted. The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the Construction Documents will be made only by Addendum duly issued and a copy of such Addendum will be mailed or delivered to each person receiving a set of the Construction Documents. The City will not be responsible for any other explanations or interpretations of the Construction Documents. In the interest of providing information to plan holders quickly, Contractors are encouraged to provide email address(es) to the City.

ADDENDA

Any Addenda issued before the time of bid opening are deemed to be made a part of the Construction Documents.

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MODIFICATION AND WITHDRAWAL OF BIDS

No modification of bids will be allowed. Any bidder may withdraw its bid, either personally or by telegraphic or written request, if such request is received by the Senior Construction Manager prior to the scheduled time for bid opening. Any bid so withdrawn may not be resubmitted.

Bids delivered to the Project Manager at the time set for opening shall be irrevocable, and no bidder may withdraw its bid for a period of 60 days after the date of the opening of bids.

BIDDERS INTERESTED IN MORE THAN ONE BID

No Bidder, whether a person, firm, partnership, corporation, or association, shall be allowed to make, file, or to be interested in more than one Bid for the same work unless alternate bids are called for. A person, firm, partnership, corporation, or association who has submitted a sub bid to a Bidder, or who has quoted prices on materials to a Bidder, is not thereby disqualified from submitting a sub bid or quoting prices to other Bidders.

DISQUALIFICATION OF BIDDERS

More than one Bid for the same work from a person, firm, partnership, corporation, or association under the same or different name will not be accepted. Reasonable ground for believing that any person, firm, partnership, corporation, or association is interested in more than one Bid for the same work will cause the rejection of all Bids for the work in which such Bidder is interested. Any or all Bids will be rejected if there is reason for believing that collusion exists among any of the Bidders.

EXPERIENCE OF BIDDERS

Each Bid shall be supported by a statement of the Bidders' experience on the form entitled "INFORMATION REQUIRED OF BIDDER," bound herein.

CONTRACTOR'S LICENSE CLASSIFICATION

In accordance with the provisions of California Public Contract Code Section 3300, the City of Lathrop has determined that the Contractor must possess a valid Class "C-8" (Concrete) Contractor's license at the time of bid submission and maintain said license throughout completion of work necessary if awarded bid. Failure to possess the specified license shall render the Bid as non-responsive and shall act as a bar to award of the Contract to any bidder not possessing said license at the time of bid submission.

BIDDER'S STATEMENT OF SUBCONTRACTORS

In the form entitled List of Subcontractors, in the Information Required of Bidder and pursuant to Section 4107 of the Public Contract Code, the Bidder shall submit the name and location of the place of business of each subcontractor who will perform work or labor or render service to the Bidder in or about the construction of the Work or improvement, or a subcontractor licensed by the State of California who under subcontract to the Bidder specially fabricates and installs a

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portion of the work, in an amount in excess of one-half of one percent (1/2%) of the Bid. The Bidder shall indicate the portion which will be done by each such subcontractor for each such portion as is defined by the subcontractor in its bid. This listing requirement shall apply to sub-subcontractors of any installation subcontractor which is utilized to install the Work, which sub-subcontractors perform work in excess of one-half of one percent of the Contractor's Total Bid Price. The Contractor shall ensure by Contract that any subcontractor installing the Work fulfills the responsibilities of a prime contractor under Public Contract Code Section 4100, et. seq.

Failure to so list subcontractors is an express statement by the Bidder that it will perform that portion of the work with its own forces. The Bidder may not substitute any person or subcontractor for a listed subcontractor without first obtaining written permission of the Senior Construction Manager pursuant to provisions of Section 4107 of the Public Contract Code.

CALIFORNIA WAGE RATE REQUIREMENTS

In accordance with the provisions of California Labor Code Sections 1770, 1773, 1773.1, 1773.6 and 1773.7 as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in Section 1773 for the locality in which the Work is to be performed. A copy of said wage rates is on file at the office of the City of Lathrop and shall be made available to any interested party on request. It shall be mandatory upon the Contractor to whom the Work is awarded and upon any subcontractor under the Contractor to pay not less than said specified rates to all workers employed by them in the execution of the Work.

DEPARTMENT OF INDUSTRIAL RELATIONS- COMPLIANCE MONITORING UNIT

DIR Registration.

Contractor and Subcontractor Compliance. Strict compliance with DIR registration requirements pursuant to Labor Code Section 1725.5 is a material obligation of the Contractor under the Contract Documents. The foregoing includes without limitation, compliance with DIR Registration requirements at all times during performance of the Work by the Contractor and all Subcontractors of any tier. The failure of the Contractor and all Subcontractors, of every tier, to be DIR registered at all times during the performance of the Work is the Contractor's default of a material obligation of the Contractor under the Contract Documents.

No Subcontractor Performance of Work without DIR Registration. No portion of the Work is permitted to be performed by a Subcontractor of any tier unless the Subcontractor is a DIR Registered contractor.

Contractor Obligation to Verify Subcontractor DIR Registration Status. An affirmative and on-going obligation of the Contractor under the Contract Documents is the Contractor's verification that all Subcontractors, of all tiers, are at all times during

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performance of Work in full and strict compliance with DIR Registration requirements. The Contractor shall not permit or allow any Subcontractor of any tier to perform any Work without the Contractor's verification that all such Subcontractors are in full and strict compliance with DIR Registration requirements.

Contractor Obligation to Request Substitution of Non-DIR Registered Subcontractor. If any Subcontractor identified in the Contractor's Subcontractor List submitted with the Contractor's proposal for the Work is not DIR Registered at the time of opening of proposals for the Work or if a Subcontractor's DIR registration lapses prior to or during a Subcontractor's performance of Work, the Contractor shall request the CITY's consent to substitute the non-DIR registered Subcontractor pursuant to Labor Code Section 1771.1(c)(3) and/ or Labor Code Section 1771.1(d).

Certified Payroll Records.

Compliance with Labor Code Section 1771.4 and 1776. A material obligation of the Contractor under the Contract Documents is: (i) the Contractor's strict compliance with the requirements pursuant to Labor Code Section 1771.4 and 1776 for preparation and submittal of Certified Payroll Records ("CPR"); and (ii) the Contractor's enforcement of CPR preparation and submittal for all Subcontractors of every tier.

Express Condition Precedent to Payment of Contract Price. Strict compliance with CPR requirements established pursuant to Labor Code Section 1776 is an express condition precedent to the CITY's obligation to: (i) process any request for payment of any portion of the Contract Price; or (ii) to disburse any portion of the Contract Price to the Contractor. The Contractor shall demonstrate strict compliance with CPR preparation and submittal requirements by delivery to the CITY of electronic files or hard copies of all CPR's submitted by the Contractor and/ or Subcontractors for Work pursuant to Labor Code Section 1771.4 and 1776 concurrently with the submittal thereof to the Labor Commissioner. The CITY: (i) shall not be obligated to process or disburse any portion of the Contract Price; or (ii) shall not be deemed in default of the CITY's obligations under the Contract Documents unless the Contractor demonstrates strict compliance with CPR preparation and submittal requirements.

Prevailing Wage Rate (PWR) Monitoring and Enforcement. During the Work, pursuant to Labor Code Section 1771.4(a)(4), the Department of Industrial Relations shall monitor and enforce the obligation of the Contractor and Subcontractors of every tier to pay the laborers performing any portion of the work the PWR established for the classification of work/ labor performed.

AWARD OF CONTRACT

Award of the Contract will be made only to Responsive Responsible Bidders possessing the ability to perform successfully, which will be determined by considering such matters as Contractor

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INSTRUCTIONS TO BIDDERS

integrity, compliance with public policy, record of past performance, and financial and technical resources.

Award of the contract shall be made to the responsible bidder whose responsive bid, conforming with all the material terms and conditions of the invitation for bids, is the lowest total bid shown in the bid schedule. Any challenge or contest of competing bids by Bidders must be submitted to the Senior Construction Manager in writing within 3 days from the date of bid opening.

The City of Lathrop hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged businesses including minority and woman owned business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Pursuant to Public Contract Code Section 1103, "Responsible Bidder" means a bidder who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the public works contract.

BID SECURITY, BONDS AND INSURANCE

Each Bid shall be accompanied by a certified or cashier's check or an approved Bid Bond in the amount of ten percent (10%) of the Total Bid Price payable to the City of Lathrop. Said check or bond shall be made payable to the City and shall be given as a guarantee that the Bidder, if awarded the work, will enter into a Contract with the City, and will furnish the necessary insurance certificates, Payment Bond, Performance Bond and Warranty Bond; each of said bonds to be in the amounts stated below. In case of refusal or failure to enter into said Contract, the check or Bid Bond, as the case may be, shall be forfeited to the City. If the Bidder elects to furnish a Bid Bond as its Bid security, the Bidder shall use the Bid Bond form bound herein, or one conforming substantially to it in form.

The successful bidder shall furnish a Performance Bond (100%), Payment Bond (100%) and Warranty Bond (10%) of contract price.

The Bond Company acknowledges that the Performance Bond, Payment Bond, and Warranty Bond will be separately enforceable until each is separately released by the City of Lathrop. The release of one bond shall not release the remaining bond(s), even if all bonds share the same bond number.

LATHROP CITY COUNCIL RIGHTS RESERVED

The Lathrop City Council reserves the right to accept or reject any or all Bids, to waive any irregularity in a Bid, and to make award to the lowest responsive, responsible Bidder as it may best serve the interest of the City of Lathrop.

EXECUTION OF CONTRACT

The form of Contract, which the successful Bidder as Contractor will be required to execute, is

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included in the Contract Documents of these Specifications, and should be carefully examined by the Bidder. The Contract will be executed in two original counterparts.

The successful Bidder shall execute and return all original Contract Documents to the Project Manager within 10 calendar days after receipt of the Notice of Award.

The successful Bidder shall also secure all required bonds and insurance and furnish such bonds and certificates of insurance and endorsements indicating proof of coverage, and complete the Warranty Bond Acknowledgement simultaneously with execution of the Contract.

RETAINAGE FROM PAYMENTS

The Contractor may elect to receive 100 percent of payments due under the Construction Documents from time to time, without retention of any portion of the payment by the City of Lathrop, by depositing securities of equivalent value with the City of Lathrop or escrow agent, all in accordance with the provisions of Section 22300 of the Public Contract Code. Such securities, if deposited by the Contractor, shall be valued by the City of Lathrop, whose decision on valuation of the securities shall be final. Securities eligible for Investment under this provision shall include those listed in Section 16430 of the Government Code, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or other security agreed to by City of Lathrop and Contractor.

LIQUIDATED DAMAGES

If the Contractor fails to complete the Work within the time specified for Substantial Completion in the Contract, then the Contractor does hereby agree, as a part consideration for the awarding of this Contract, to pay to the City, as liquidated damages and not as a penalty, the sum of \$100 per each working day beyond the dates set forth in the Agreement that the Contractor fails to achieve Substantial Completion for the Project. The said amount is fixed and agreed on by and between the Contractor and the City because of the impracticability and extreme difficulty of fixing and ascertaining the true value of the damages that the City will sustain by failure of the Contractor to complete the Work on time, including damages, some of which are indefinite. Said amount is agreed to be a reasonable estimate of the amount of damages which the City will sustain and said amount shall be deducted from any monies due or that may become due to the Contractor, and if said monies are insufficient to cover said damages, then the Contractor shall pay the amount of the difference.

(END OF SECTION)

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION

BID PROPOSAL FORMS

BID PROPOSAL FORMS

TO: City of Lathrop
390 Towne Centre Drive
Lathrop, CA 95330

ATTENTION: Public Works Department

FOR: **CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08**

THE UNDERSIGNED, AS BIDDER, HEREBY AGREES AND DECLARES THAT:

LEGAL COMPLIANCE

The only persons or parties interested in this Bid as Principals are those named herein; that this Bid is made without collusion with any other person, firm, partnership, corporation, or association; that he has carefully examined the location of the proposed work and the Construction Documents; and he proposes and agrees that if this Bid is accepted he will contract with the City of Lathrop, in the form of the Contract as set forth in the Construction Documents for said project, to provide all the necessary labor, services, materials, and equipment, and to do all the work and furnish all the materials; and that he will accept in full payment therefore the price as proposed in the following Bid Schedule.

SCHEDULE OF PRICES

All applicable permit fees, licensing costs, sales taxes, State, and/or Federal, and any other taxes, patent rights, or royalties are included in the prices quoted in the Bid. All blank spaces must be filled in.

BASIS OF AWARD

The basis for award of the contract will be the total price of the bid. The City of Lathrop reserves the right to award only the work contemplated by the bid or none of the work.

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BID PROPOSAL FORMS

CITYWIDE SIDEWALK IMPROVEMENTS, PS 24-08

BID SCHEDULE

Term 1

BID ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	EXTENDED TOTAL
1	Mobilization to all worksites	1	LS		
2	Traffic Control and advanced Notification to residents at all worksites	1	LS		
3	Saw Cutting to Remove Trip Hazard 3/4" and above	2970	IN-FT		
4	Assessment, Trip Hazard Inventory and Data Provision	1	LS		

TOTAL BID: \$ _____

TOTAL BID IN WORDS: _____

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INFORMATION REQUIRED OF BIDDER

The Bidder (Contractor) shall furnish the following information. This information is considered essential in enabling the Project Manager to determine if the Bidder is experienced in similar types of work and if the Bid is based on a careful study of methods applicable to the work and full realization of the various factors which may affect the progress of the work. Failure to comply with this requirement may render the Bid non-responsive and may cause its rejection. Additional sheets shall be attached as required.

BIDDER'S INFORMATION

- (1) Bidder's name and address:

- (2) Bidder's telephone number: _____

- (3) Bidder's fax number: _____

- (4) Bidder's Contractor's License (Class): _____

License No.: _____

Expires: _____

- (5) Person who inspected site of proposed work for Contractor's firm:
Name: _____ Date of Inspection: _____

- (6) List 5 projects of a nature similar to this project:

Project	Contract Price	Name, Address and Telephone Number of Owner

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List of Subcontractors:

The Bidder shall list below the name and business address of each subcontractor who will perform work under this Bid in excess of one-half of one percent of the Contractor's Total Bid Price, and shall also list the portion of the WORK which will be done by such subcontractor, in accordance with Section 4107 of the Public Contract Code. After the opening of bids, no changes or substitutions will be allowed except as otherwise provided by law. The listing of more than one subcontractor for each item of work to be performed with the words "and/or" will not be permitted. Failure to comply with this requirement may render the Bid non-responsive and may cause its rejection. Should the Contractor provide a bid that does not require a subcontractor, the Contractor shall note that on this page by writing "Not Applicable" in the list below.

<u>Work to be Performed</u>	<u>Subcontractor License Number</u>	<u>Percent of Total Contract</u>	<u>Subcontractor's Name & Address</u>
1. _____	_____	_____	_____ _____
2. _____	_____	_____	_____ _____
3. _____	_____	_____	_____ _____
4. _____	_____	_____	_____ _____
5. _____	_____	_____	_____ _____
6. _____	_____	_____	_____ _____

Note: Attach additional sheets if required.

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BID PROPOSAL FORMS

ADDENDA

Bidder acknowledges receipt of the following addendum (addenda):

Respectfully submitted,

Dated

Legal Name of Firm

Signature of Authorized Representative

(Seal)

(If Bidder is a corporation, show State in which incorporated.)

The full names and post office addresses of all persons and parties interested in the foregoing Bid as principals are as follows:

(NOTICE): Give first and last names in full; in case of corporation, give names of President, Secretary, Treasurer, and Manager, and in case of partnerships and joint ventures, give names and Post Office addresses of all the individual members.

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BID PROPOSAL FORMS

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS:

THAT WE _____

as PRINCIPAL, and _____

as SURETY are held; and firmly bond unto the City of Lathrop in the penal sum of TEN PERCENT (10%) OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by the Principal to the City of Lathrop for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made to the City of Lathrop to which the bid was submitted, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by those presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____.

THE CONDITION OF THIS OBLIGATION IS SUCH,

THAT, WHEREAS, the Principal has submitted the above mentioned bid to the City of Lathrop for certain construction specifically described as follows, for which bids are to be opened at the Public Works Department, 390 Towne Centre Drive, Lathrop, CA: **CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08.**

NOW, THEREFORE, if the Principal is awarded the contract and within the time and manner required under the specifications, after the prescribed forms are presented to him for signature enters into a written contract in the prescribed form, in accordance with the bid, and files two bonds with the City, one to guarantee faithful performance, and the other to guarantee payment for labor and materials as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force.

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**CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION**

BID PROPOSAL FORMS

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day
of _____, 20__.

_____ (Seal)

_____ (Seal)

_____ (Seal)

_____ (Seal)

Address: _____

Address: _____

NOTE: Signatures of those executing for the surety must be properly acknowledged.

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

BID PROPOSAL FORMS

NONCOLLUSION AFFIDAVIT

STATE OF)
) ss.
COUNTY OF)

_____, being first duly sworn, deposes and says that he or she is

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

Signature of: President, Secretary,
Manager, Project Manager or Representative

The County of _____

State of _____

Subscribed and sworn to (or affirmed) before me

on this _____ day of _____, 20____, by

_____, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Seal _____

Signature _____

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

BID PROPOSAL FORMS

PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the Bidder, any officer of the Bidder, or any employee of the Bidder, who has a proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes _____ No _____

If the answer is yes, explain the circumstances in the following space.

PUBLIC CONTRACT SECTION 10232 STATEMENT

In accordance with Public Contract Code Section 10232, the Contractor hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

NOTE: The above Statement and Questionnaire are part of the Proposal. Signing this proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

(END OF SECTION)

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

SAMPLE CONTRACT

CONTRACT

This Contract, dated March 11, 2024 is entered into by and between the City of Lathrop, a municipal corporation of the State of California (City), and _____, (Contractor), whose Taxpayer Identification Number is _____.

For and in consideration of the following covenants, terms and conditions, City and Contractor (the parties) agree:

1. Term. The first term of this agreement shall commence on, and be binding on the parties on, the date of execution of this Agreement, and shall expire on June 30, 2024, subject to the earlier termination of this Agreement. This contract may be extended by the City Manager at his sole discretion for up to two (2) additional one-year terms as follows.
 - Optional Term 1: July 1, 2024 – June 30, 2025
 - Optional Term 2: July 1, 2025 – June 30, 2026

The City shall notify the Contractor in writing of its intent to extend the contract by June 1 of the current contract term

2. Pricing Stability for Optional Years. In the event that the City chooses to exercise the option for the 2nd and 3rd year, it is agreed that the pricing for these optional years will remain fixed at the rate established for the initial one year term. The contractor agrees not to raise the contract prices for the optional years, providing cost stability and predictability for the City.
3. General Scope of Project and Work. Construction Documents for Citywide Sidewalk Improvements, CIP PS 24-08 (Project). Contractor shall furnish labor, services, materials and equipment in connection with the construction of the Project and complete the Work in accordance with the covenants, terms and conditions of this Contract to the satisfaction of City.

The work to be performed under this contract includes:

The removal and disposal of identified trip hazards in attachment (A) (Unrepaired Sidewalk Reports). The Unrepaired Sidewalk Reports contain a list of sidewalks that have a vertical deviation of $\frac{3}{4}$ " or more. The horizontal saw cutting of the concrete shall be made with horizontally-oriented circular blade embedded with diamond grit (No Grinding) and provide a smooth transition between concrete panels for compliance with the Americans with Disabilities Act (ADA). The cut areas shall be uniform, flat, and straight at the backline, have a non-slip finish and minimized scarring of the adjacent concrete.

Once the unrepaired sidewalks on attachment A have been addressed, a new sidewalk trip hazard assessment shall be made of areas 1-4 in the approximate survey limit map attachment (B). The sidewalk trip hazard assessment shall contain

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GIS compatible survey data to include GPS latitude and longitude coordinates of all identified concrete deviations, street names, and measurement of the deviation in Inch- Feet and the cost of repair.

Saw cutting to remove trip hazards will be paid for as a function of the product of the cut depth (in.) and length of cut (ft.) thusly: the average depth of cut $((\text{max} + \text{min})/2)$ (inches) x length of cut (feet). Payment for this item shall include full compensation for conforming to these requirements for sidewalk trip hazard cutting, removal and disposal of all concrete cut from sidewalks.

- The Trip Hazard assessment Report will be paid on a lump sum basis. The lump sum cost for this bid item shall include full compensation for providing a trip hazard assessment containing the following data: GIS compatible survey data to include GPS latitude and longitude coordinates of all identified vertical deviations in concrete sidewalks greater than ¼” (one-quarter inch), street names, measurement of the vertical displacement (in.) and approximate length of horizontal cut (ft.) needed to restore ADA compliance, and the estimated cost of repair. Refer to attachment B Area 1-4 for survey limits.

- Any task necessary to accomplish the aforementioned tasks.

The work shall be **completed within 80 working days** following issuance of Notice to Proceed.

The Work shall be complete, and all appurtenant work, materials, and services not expressly shown or called for in the Construction Documents which may be necessary for the complete and proper construction of the Work in good faith shall be performed, furnished, and installed by the Contractor as though originally specified or shown. The Contractor will be compensated for actual work performed in accordance with the unit prices and provisions contained in these Construction Documents.

Base Bid Total: \$ _____ **(Written Price)**

3. Construction Documents. This Contract shall include the Construction Documents which are on file with the Public Works Department and are hereby incorporated by reference (i.e. Project Specifications, Project Plans, addenda, certification of insurance, workers compensation certification, and Warranty Bond Acknowledgement) and the Bid Documents submitted by _____ on February 15, 2024. For the purposes of construing, interpreting and resolving inconsistencies between the provisions of this Contract, these documents and the provisions thereof are set forth in the order of precedence described in Article 3 of the General Conditions.

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4. Compensation. In consideration of Contractor's performance of its obligations hereunder, City shall pay to Contractor the amount set forth in Contractor's Bid in accordance with the provisions of this Contract and upon the receipt of written invoices and all necessary supporting documentation within the time set forth in the Construction Documents. Contractor hereby shall not be permitted to invoice the City nor accept compensation for work not yet complete. In no event, shall the Contractor be entitled to payment for work not included in the approved scope of work, a written task order, or change order signed by the City's Public Works Director prior to commencement of any work.
5. Insurance. On or before the Date of Execution, Contractor shall obtain and maintain the policies of insurance coverage described in Section 5.2 of the General Conditions on terms and conditions and in amounts as may be required by the City. City shall not be obligated to take out insurance on Contractor's personal property or the personal property of any person performing labor or services or supplying materials or equipment under the Project. Contractor shall furnish City with the certificates of insurance and with original endorsements affecting coverage required under this Contract on or before the Date of Execution. The certificates and endorsements for each insurance policy shall be signed by a person who is authorized by that insurer to bind coverage in its behalf. Proof of insurance shall be mailed to the Project Manager to the address set forth in Section 15 of this Contract.
6. Indemnification. Contractor agrees to protect, defend, indemnify and hold City, its City Council members, officers, employees, engineer, and construction manager harmless from and against any and all claims, demands, liabilities, losses, damages, costs, expenses, liens, penalties, suits, or judgments, arising in whole or in part, directly or indirectly, at any time from any injury to or death of persons or damage to property as a result of the willful or negligent act or omission of Contractor, or which results from Contractor's noncompliance with any Law respecting the condition, use, occupation or safety of the Project site, or any part thereof, or which arises from Contractor's failure to do anything required under this Contract or for doing anything which Contractor is required not to do under this Contract, or which arises from conduct for which any Law imposes strict liability on Contractor in the performance of or failure to perform the terms and conditions of this Contract, except as may arise from the sole willful or negligent act or omission of City or any of its City Council members, officers, employees. This indemnification shall extend to any and all claims, demands, or liens made or filed by reason of any construction, renovation, or remodeling work performed by Contractor under this Contract at any time during the term of this Contract, or arising thereafter.
7. Assumption of Risk. Contractor agrees to voluntarily assume any and all risk of loss, damage, or injury to the property of Contractor which may occur in, on, or about the Project site at any time and in any manner, excepting such loss, injury, or damage as may be caused by the sole willful or negligent act or omission of City or any of its City Council members, officers, or employees.
8. Waiver. The acceptance of any payment or performance, or any part thereof, shall not operate as a waiver by City of its rights under this Contract. A waiver by City of any breach of any part or provision of this Contract by Contractor shall not operate as a waiver or

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continuing waiver of any subsequent breach of the same or any other provision, nor shall any custom or practice which may arise between the parties in the administration of any part or provision of this Contract be construed to waive or to lessen the right of City to insist upon the performance of Contractor in strict compliance with the covenants, terms and conditions of this Contract.

9. Compliance with Laws. Contractor shall comply with all Laws now in force or which may hereafter be in force pertaining to the Project and Work and this Contract, with the requirement of any bond or fire underwriters or other similar body now or hereafter constituted, with any discretionary license or permit issued pursuant to any Law of any public agency or official as well as with any provision of all recorded documents affecting the Project site, insofar as any are required by reason of the use or occupancy of the Project site, and with all Laws pertaining to nondiscrimination and affirmative action in employment and hazardous materials.

DEPARTMENT OF INDUSTRIAL RELATIONS- COMPLIANCE MONITORING UNIT

DIR Registration.

- a) Contractor and Subcontractor Compliance. Strict compliance with DIR registration requirements pursuant to Labor Code Section 1725.5 is a material obligation of the Contractor under the Contract Documents. The foregoing includes without limitation, compliance with DIR Registration requirements at all times during performance of the Work by the Contractor and all Subcontractors of any tier. The failure of the Contractor and all Subcontractors of every tier to be DIR registered at all times during the performance of the Work is the Contractor's default of a material obligation of the Contractor under the Contract Documents.
- b) No Subcontractor Performance of Work Without DIR Registration. No portion of the Work is permitted to be performed by a Subcontractor of any tier unless the Subcontractor is a DIR Registered contractor.
- c) Contractor Obligation to Verify Subcontractor DIR Registration Status. An affirmative and on-going obligation of the Contractor under the Contract Documents is the Contractor's verification that all Subcontractors, of all tiers, are at all times during performance of Work in full and strict compliance with DIR Registration requirements. The Contractor shall not permit or allow any Subcontractor of any tier to perform any Work without the Contractor's verification that all such Subcontractors are in full and strict compliance with DIR Registration requirements.
- d) Contractor Obligation to Request Substitution of Non-DIR Registered Subcontractor. If any Subcontractor identified in the Contractor's Subcontractor List submitted with the Contractor's proposal for the Work is not DIR Registered at the time of opening of proposals for the Work or if a Subcontractor's DIR registration lapses prior to or during a

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Subcontractor's performance of Work, the Contractor shall request the CITY's consent to substitute the non-DIR registered Subcontractor pursuant to Labor Code Section 1771.1(c)(3) and/ or Labor Code Section 1771.1(d).

Certified Payroll Records

- a) Compliance with Labor Code Section 1771.4 and 1776. A material obligation of the Contractor under the Contract Documents is: (i) the Contractor's strict compliance with the requirements pursuant to Labor Code Section 1771.4 and 1776 for preparation and submittal of Certified Payroll Records ("CPR"); and (ii) the Contractor's enforcement of CPR preparation and submittal for all Subcontractors of every tier.
- b) Express Condition Precedent to Payment of Contract Price. Strict compliance with CPR requirements established pursuant to Labor Code Section 1776 is an express condition precedent to the CITY's obligation to: (i) process any request for payment of any portion of the Contract Price; or (ii) to disburse any portion of the Contract Price to the Contractor. The Contractor shall demonstrate strict compliance with CPR preparation and submittal requirements by delivery to the CITY of electronic files or hard copies of all CPR's submitted by the Contractor and/ or Subcontractors for Work pursuant to Labor Code Section 1771.4 and 1776 concurrently with the submittal thereof to the Labor Commissioner. The CITY: (i) shall not be obligated to process or disburse any portion of the Contract Price; or (ii) shall not be deemed in default of the CITY's obligations under the Contract Documents unless the Contractor's demonstrates strict compliance with CPR preparation and submittal requirements.
- c) PWR Monitoring and Enforcement. During the Work pursuant to Labor Code Section 1771.4(a)(4), the Department of Industrial Relations shall monitor and enforce the obligation of the Contractor and Subcontractors of every tier to pay the laborers performing any portion of the work the PWR established for the classification of work/ labor performed.

RECORD OF WAGES PAID: INSPECTION

Pursuant to Labor Code section 1776, Contractor stipulates the following:

- a) Contractor and each subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work under the Facilities lease and Construction Provisions. Such records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information of such forms. The payroll records may consist of payroll data that are maintained as computer records, if printouts contain the same information as the forms provided by the division and the printouts are verified as specified in subdivision (a) of Labor Code section 1776.

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- b) The payroll records enumerated under subdivision (a) shall be certified and shall be available for inspection at all reasonable hours at the principal office of Contractor on the following basis:
- (1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employees or his or her authorized representative on request.
 - (2) A certified copy of all payroll records enumerated in subdivision (a) shall be made available for inspection or furnished upon request to a representative of the CITY, the Division of Labor Standards Enforcement, and Division of Apprenticeship Standards of the Department of Industrial Relations.
 - (3) A certified copy of all payroll records enumerated in subdivision (a) shall be made available upon request by the public for inspection or copies thereof. However, a request by the public shall be made through either the CITY, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided pursuant to paragraph (2), the requesting party shall, prior to being provided the records, reimburse the costs of preparation by Contractor, subcontractors, and the entity through which the request was made. The public shall not be given access to such records at the principal office of Contractor.
- c) Contractor shall file a certified copy of the records enumerated in subdivision (a) with the entity that requested such records within ten (10) days after receipt of the written request.
- d) Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency, by the CITY, the Division of Apprenticeship Standards, or the division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of contractor awarded the contract or performing the contract shall not be marked or obliterated.
- e) Contractor shall inform the CITY of the location of the records enumerated under subdivision (a), including the street address, city, and county, and shall, within (5) working days, provide a notice of a change of location and address.
- f) In the event of noncompliance with the requirements of this Article, Contractor shall have ten (10) days in which to comply subsequent to receipt of written notice specifying in what respects Contractor must comply with this Article. Should noncompliance still be evident after such 10-day period, Contractor shall pay a penalty of One- Hundred Dollars (\$100.00) to the CITY for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards

SECTION 00500

or the Division of Labor Standards Enforcement, such penalties shall be withheld from the progress payment then due.

The responsibility for compliance with this Article shall rest upon Contractor.

10. Bonds. As a condition precedent to City's obligation to pay compensation to Contractor, and on or before the date of Execution, Contractor shall furnish to the Project Manager the Bonds as required under Section 00700 - 5.1A.
11. Representations and Warranties. In the supply of any materials and equipment and the rendering of labor and services during the course and scope of the Project and Work, Contractor represents and warrants:
 - (1) Any materials and equipment which shall be used during the course and scope of the Project and Work shall be vested in Contractor;
 - (2) Any materials and equipment which shall be used during the course and scope of the Project and Work shall be merchantable and fit to be used for the particular purpose for which the materials are required;
 - (3) Any labor and services rendered and materials and equipment used or employed during the course and scope of the Project and Work shall be free of defects in workmanship for a period of one (1) year after the recordation of the Notice of Substantial Completion, or, if no such notice is required to be filed, on the date that final payment is made hereunder;
 - (4) Any manufacturer's warranty obtained by Contractor shall be obtained or shall be deemed obtained by Contractor for and on behalf of City.
 - (5) Any information submitted by Contractor prior to the award of Contract, or thereafter, upon request, whether or not submitted under a continuing obligation by the terms of the Contract to do so, is true and correct at the time such information is submitted or made available to the City;
 - (6) Contractor has not colluded, conspired, or agreed, directly or indirectly, with any person in regard to the terms and conditions of Contractor's Bid, except as may be permitted by the Notice to Contractors;
 - (7) Contractor has the power and the authority to enter into this Contract with City, that the individual executing this Contract is duly authorized to do so by appropriate resolution, and that this Contract shall be executed, delivered and performed pursuant to the power and authority conferred upon the person or persons authorized to bind Contractor;
 - (8) Contractor has not made an attempt to exert undue influence with the Project Manager or any other person who has directly contributed to City's decision to award the Contract to Contractor;

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- (9) There are no unresolved claims or disputes between Contractor and City which would materially affect Contractor's ability to perform under the Contract;
 - (10) Contractor has furnished and will furnish true and accurate statements, records, reports, resolutions, certifications, and other written information as may be requested of Contractor by City from time to time during the term of this Contract;
 - (11) Contractor and any person performing labor and services under this Project is duly licensed as a contractor with the State of California as required by California Business & Professional Code Section 7028, as amended; and
 - (12) Contractor has fully examined and inspected the Project site and has full knowledge of the physical conditions of the Project site.
12. Assignment. This Contract and the performance required hereunder is personal to Contractor, and it shall not be assigned by Contractor. Any attempted assignment shall be null and void.
 13. Claims of Contractor. All claims pertaining to extra work, additional charges, or delays within the Contract Time or other disputes arising out of the Contract shall be submitted by Contractor in accordance with the General Conditions.
 14. Audits by City. During the term of this Contract and for a period of not less than three (3) years after the expiration or earlier termination of this Contract, City shall have the right to audit Contractor's Project-related and Work-related writings and business records, as such terms are defined in California Evidence Code Sections 250 and 1271, as amended, during the regular business hours of Contractor, or, if Contractor has no such hours, during the regular business hours of City.
 15. Notices. All contracts, agreements, appointments, approvals, authorizations, claims, demands, Change Orders, consents, designations, notices, offers, requests and statements given by either party to the other shall be in writing and shall be sufficiently given and served upon the other party if (1) personally served, (2) sent by the United States mail, postage prepaid, (3) sent by private express delivery service, or (4) in the case of a facsimile transmission, if sent to the telephone FAX number set forth below during regular business hours of the receiving party and followed with two (2) days by delivery of a hard copy of the material sent by facsimile transmission, in accordance with (1), (2) or (3) above. Personal service shall include, without limitation, service by delivery and service by facsimile transmission.

To City: City of Lathrop
 City Clerk
 390 Towne Centre Drive
 Lathrop, CA 95330

SECTION 00500

Copy to: City of Lathrop
Department of Public Works
390 Towne Centre Drive
Lathrop, CA 95330

PHONE: (209) 941-7363
FAX: (209) 941-7449
ATTN: Senior Construction Manager

To Contractor: _____
Phone: _____
Fax: _____
ATTN: _____

16. Miscellaneous

- (1) Bailee Disclaimer. The parties understand and agree that City does not purport to be Contractor’s bailee, and City is, therefore, not responsible for any damage to the personal property of Contractor.
- (2) Consent. Whenever in this Contract the approval or consent of a party is required, such approval or consent shall be in writing and shall be executed by a person having the express authority to grant such approval or consent.
- (3) Controlling Law. The parties agree that this Contract shall be governed and construed by and in accordance with the Laws of the State of California.
- (4) Definitions. The definitions and terms are as defined in these specifications.
- (5) Force Majeure. Neither party shall be deemed to be in default on account of any delay or failure to perform its obligations under this Contract, which directly results from an Act of God or an act of a superior governmental authority.
- (6) Headings. The paragraph headings are not a part of this Contract and shall have no effect upon the construction or interpretation of any part of this Contract.
- (7) Incorporation of Documents. All documents constituting the Construction Documents described in Section 3 hereof and all documents which may, from time to time, be referred to in any duly executed amendment hereto are by such reference incorporated in this Contract and shall be deemed to be part of this Contract.
- (8) Integration. This Contract and any amendments hereto between the parties constitute the entire contract between the parties concerning the Project and Work, and there are no other prior oral or written contracts between the parties that are not incorporated in this Contract.

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- (9) Modification of Contract. This Contract shall not be modified or be binding upon the parties unless such modification is agreed to in writing and signed by the parties.
- (10) Provision. Any contract, covenant, condition, clause, qualification, restriction, reservation, term or other stipulation in the Contract shall define or otherwise control, establish, or limit the performance required or permitted or to be required of or permitted by either party. All provisions, whether covenants or conditions, shall be deemed to be both covenants and conditions.
- (11) Resolution. Contractor shall submit with its Bid a copy of any corporate or partnership resolution or other writing, which authorizes any director, officer or other employee or partner to act for or on behalf of Contractor or which authorizes Contractor to enter into this Contract.
- (12) Severability. If a court of competent jurisdiction finds or rules that any provision of this Contract is void or unenforceable, the provisions of this Contract not so affected shall remain in full force and effect.
- (13) Status of Contractor. In the exercise of rights and obligations under this Contract, Contractor acts as an independent contractor and not as an agent or employee of City. Contractor shall not be entitled to any rights and benefits accorded or accruing to the City Council members, officers or employees of City, and Contractor expressly waives any and all claims to such rights and benefits.
- (14) Successors and Assigns. The provisions of this Contract shall inure to the benefit of, and shall apply to and bind, the successors and assigns of the parties.
- (15) Time of the Essence. Time is of the essence of this Contract and each of its provisions. In the calculation of time hereunder, the time in which an act is to be performed shall be computed by excluding the first Day and including the last. If the time in which an act is to be performed falls on a Saturday, Sunday, or any Day observed as a legal holiday by City, the time for performance shall be extended to the following Business Day.
- (16) Venue. In the event that suit is brought by either party hereunder, the parties agree that trial of such action shall be vested exclusively in the state courts of California in the County of San Joaquin or in the United States District Court for the Eastern District of California.
- (17) Recovery of costs. The prevailing party in any action brought to enforce the terms of this Contract or arising out of this Contract, including the enforcement of the indemnity provision(s), may recover its reasonable costs, including reasonable attorney's fees, incurred or expended in connection with such action against the non-prevailing party.
- (18) Contractor and subcontractors must comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)), Section 508 of the Clean Water Act (33 USC1368), Executive Order 11738, and Environmental Protection Agency Regulations at 40 CFR Part 15.

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- (19) Contractors and subcontractors must comply with mandatory standards and policies relating to the energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Energy Policy and Conservation ACT (Public Law 94-163, 89 stat 871).
- (20) The Contractor shall provide access to the site for the Environmental Protection Agency and its duly authorized representatives, and the City.
- (21) If during the course of construction evidence of deposit of historical or archaeological interest is found, the Contractor shall cease operation affecting the find and shall notify the City, who shall notify the EPA and the State Historic Preservation Officer. No further disturbance of the deposits shall ensue until the Contractor has been notified by the City that construction may proceed. The City will issue a notice to proceed only after the state official has surveyed the find and made a determination to the EPA and the City. Compensation to the contractor, if any, for lost time or changes in construction to avoid the find, shall be determined in accordance with changed conditions or change order provisions of the Construction Documents.
- (22) Notice to Proceed. Prior to commencing work under this Contract, CONTRACTOR shall receive a written "Notice to Proceed" from CITY. A Notice to Proceed shall not be issued until all necessary bonds and insurances have been received. City shall not be obligated to pay CONTRACTOR for any services prior to issuance of the Notice to proceed.
- (23) Signatures. The individuals executing this Contract represent and warrant that they have the right, power, legal capacity, and authority to enter into and to execute this Contract on behalf of the respective legal entities of the CONTRACTOR and the CITY. This Contract shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns.
- (24) This project is a public works project: Contractor shall comply with requirements of California Labor Code § 1700 and following, and prevailing wages shall be paid for work performed on this project.
- (25) The statutory provisions for penalties for failing to comply with the State of California wage and labor laws will be enforced, as well as that for failing to pay prevailing wages.

EXHIBITS:

EXHIBIT A: Contractor's Submitted Bid Packet

Certification of insurance, performance and payment bonds, and worker's compensation certification shall be furnished to the City by the Contractor after City Council's approval with resolution.

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**CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION**

SAMPLE CONTRACT

IN WITNESS WHEREOF, the parties have executed this Agreement on the date first above stated in Lathrop, California.

CONTRACTOR:

By: _____

Name: _____

Title: _____

**CITY OF LATHROP
APPROVED AS TO FORM:**

By: _____
Salvador Navarrete, City Attorney

RECOMMENDED FOR APPROVAL:

By: _____
Michael King, Assistant City Manager

APPROVED:

By: _____
Stephen J. Salvatore, City Manager

(END OF SECTION)

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**CITYWIDE SIDEWALK IMPROVEMENTS CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION**

PERFORMANCE BOND

Bond No: _____

Premium: _____

Contract No: _____

PERFORMANCE BOND

WHEREAS, the City Council of the City of Lathrop, State of California, and _____, ("Principal"), have entered into a Contract whereby principal agrees to install and complete certain designated public improvements. The Contract, dated February 15, 2024 and identified as project **CITYWIDE SIDEWALK IMPROVEMENTS, PS 24-08** is hereby referred to and made a part hereof; and

WHEREAS, the principal is required under the terms of the Contract to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, we, the principal and _____, as surety, are held and firmly bound unto the City of Lathrop ("City"), in the sum of _____ dollars (\$_____) lawful money of the United States, for the payment of which we bind ourselves, our heirs, successors, executors and administrators, jointly and severally.

The condition of this obligation is such that if the above principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the Contract and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless City its officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As part of the obligation secured hereby and in addition to the face amount specified therefor, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the specifications.

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**CITYWIDE SIDEWALK IMPROVEMENTS CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION**

PERFORMANCE BOND

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and

Surety above named, on _____, 20__.

ADDRESS OF Contractor:

_____	_____
_____	_____
_____	_____

ADDRESS OF SURETY:

_____	_____
_____	_____

(END OF SECTION)

SECTION 00620

**CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION**

PAYMENT BOND

Bond No: _____
Premium: _____
Contract No. _____

PAYMENT (LABOR AND MATERIALS) BOND

WHEREAS, the City Council of the City of Lathrop, State of California, and _____, ("Principal"), have entered into an Contract whereby principal agrees to install and complete certain designated public improvements. The Contract, dated February 15, 2024, and identified as project **CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08** is hereby referred to and made a part hereof; and

WHEREAS, under the terms of the Contract, principal is required before entering upon the performance of the work to file a good and sufficient payment with the City of Lathrop to secure the claims to which reference is made in Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the Civil Code of the State of California.

NOW, THEREFORE, the principal and the undersigned as corporate surety, are held firmly bound unto the City of Lathrop and all Contractors, subcontractors, laborers, material, men and other persons employed in the performance of the Contract and referred to in the above-mentioned Code of Civil Procedure in the sum of _____ dollars (\$ _____), for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that the surety will pay the same in an amount not exceeding the amount set forth above, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment rendered.

It is hereby expressly stipulated and agreed that this bond shall insure to the benefit of any and all persons, companies and corporations entitled to file claims under Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the conditions of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

The surety hereby stipulates and agrees that no change, extension of time, alternation or addition to the terms of said Contract or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

SECTION 00620

**CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION**

PAYMENT BOND

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on _____, 20__.

ADDRESS OF PRINCIPAL:

ADDRESS OF SURETY:

(END OF SECTION)

SECTION 00660

**CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCAA INFORMAL BID SOLICITATION**

WORKER'S COMPENSATION CERTIFICATION

WORKER'S COMPENSATION CERTIFICATION

(AS REQUIRED BY SECTION 1861
OF THE CALIFORNIA LABOR CODE)

I am aware of the provision of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of the Contract.

Contractor: _____

By: _____

Title: _____

(END OF SECTION)

SECTION 00670

WARRANTY BOND ACKNOWLEDGMENT

TO the City of Lathrop

The undersigned guarantees the construction and installation of the work included in this project.

A Warranty Bond similar to the provided Warranty Bond Form on the following page is required to be submitted prior to project acceptance by the City. The Warranty Bond shall be ten percent (10%) of the final contract amount. The Bond will be effective for one (1) year, beginning with the date of project acceptance.

If any of the work is defective, due to faulty workmanship, materials furnished or methods of installation, or if the work or any part of it fails to operate properly as originally intended and in accordance with the Plans and Specifications, due to any of the above causes, all within one year after the date on which this contract is accepted by the City after relief from maintenance, the undersigned agrees to reimburse the City, upon demand, for its expenses incurred in restoring the project, including the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or, upon demand by the City, to replace any such material and to repair the work completely without cost to the City so that the work will function successfully as originally contemplated.

The City shall have the unqualified option to make any needed replacements or repairs done by the undersigned. If the City elects to have the work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within a reasonable time after the receipt of demand from the City. If the undersigned fails or refuses to comply with his obligations under this warranty, the City shall be entitled to all costs and expenses, including attorney's fees.

Signature of Bidder

Date

SECTION 00670

CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

WARRANTY BOND

Bond No: _____
Premium: _____
Contract No: _____

WARRANTY BOND

KNOW ALL PERSONS BY THESE PRESENTS, that

WHEREAS, the CITY OF LATHROP, (hereinafter referred to as "City") and _____, (hereinafter referred to as "Principal") have entered into an Agreement ("Contract") for the _____ [describe project or work]; and

WHEREAS, Principal is required under the terms of the Agreement to furnish warranty security for the work performed pursuant to the Agreement in the amount of [\$ _____] to guarantee replacement and repair of the improvements as described in the Agreement for a period of one year following the date of recordation of the notice of acceptance of the Improvements against any defective work or labor done, or defective materials furnished.

NOW, THEREFORE, we, the Principal, and _____ as Surety, are held and firmly bound unto the City in the penal sum of _____ Dollars (\$ _____) lawful money of the United States, being not less than 10 percent (10%) of the amount payable by the terms of the Contract, for the payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such that if Principal shall indemnify City for all loss that City may sustain by reason of any defective materials or workmanship which become apparent during the period of one year from and after acceptance of the improvements by the City Council of City, then this obligation shall be null and void; otherwise, this obligation shall remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified, costs and reasonable expenses and fees shall be included, including reasonable attorneys' fees incurred by City in successfully enforcing the obligation, all to be taxed as costs and included in any judgment rendered.

Surety's obligations hereunder are independent of the obligations of any other surety for the performance of the Contract, and suit may be brought against Surety and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing the City's rights against the others.

No right of action shall accrue on this bond to or for the use of any person or corporation other than the City or its successors or assigns.

SECTION 00670

CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

WARRANTY BOND

Surety shall provide City with thirty (30) days' written notice of Principal's default prior to Surety terminating, suspending or revoking the bond.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the Specifications.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their seals this _____ day of _____, 20_, the name and corporate seal of each corporate body being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Principal)

By _____
Signature

Print Name and Title

*Note:
To be signed by Principal
and Surety and acknowledgment
and notarial seal attached.*

(Surety)

Address

By _____
Signature

Print Name and Title

(END OF SECTION)

SECTION 00700

GENERAL CONDITIONS

ARTICLE 1 -- DEFINITIONS

Wherever used in these General Conditions, Special Conditions, General Requirements, Technical Specifications, Construction Documents or in any other part of these specifications the following terms have the meanings indicated:

Addenda - Written or graphic instruments issued prior to the opening of Bids, which make additions, deletions, or revisions to the Construction Documents.

Application for Payment - The form furnished by the CITY which is to be used by the CONTRACTOR to request progress or final payment and which includes such supporting documentation as is required by the Construction Documents.

Bid - The offer or proposal of the Bidder submitted on the prescribed form setting forth the price or prices for the WORK.

Bonds - Bid, Performance, and Payment Bonds and other instruments, which protect against loss due to inability or refusal of the CONTRACTOR to perform its Contract.

Change Order - A document recommended by the ENGINEER, which is signed by the CONTRACTOR and the CITY and authorizes an addition, deletion, or revision in the WORK, or an adjustment in the Contract Price or the Contract Time, issued on or after the Effective Date of the Contract.

CITY - The public body or authority, corporation, association, firm, or person with whom the CONTRACTOR has entered into the Contract and for whom the WORK is to be provided. Said public body is The City of Lathrop, located at 390 Towne Centre Drive, Lathrop, California 95330.

CITY'S REPRESENTATIVE - Contract construction manager or City personnel at the City's discretion.

City Engineer - The City Engineer is the City Engineer of the City of Lathrop.

Construction Documents - The Notice to Contractors, Instructions to Bidders, Bid Forms (including the Bid, Bid Schedule(s), Information Required of Bidder, Bid Bond, and all required certificates and affidavits), Contract, Performance Bond, Payment Bond, General Conditions, Supplementary Conditions, Technical Specifications, Drawings, and all addenda, and change orders executed pursuant to the provisions of the Construction Documents.

Contract - The written contract between the CITY and the CONTRACTOR covering the WORK to be performed; when other documents are attached to the Contract they become part of the contract.

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

GENERAL CONDITIONS

Contract Price - The total monies payable by the CITY to the CONTRACTOR under the terms and conditions of the Construction Documents.

Contract Time - The number of successive calendar days stated in the Construction Documents for the completion of the WORK.

CONTRACTOR - The person, firm, or corporation with whom the CITY has executed the Contract.

COST OF WORK – The sum of all costs necessarily incurred and paid by the CONTRACTOR for labor, materials, and equipment in the proper performance of extra work.

Day - A calendar day of 24 hours measured from midnight to the next midnight.

Defective Work - Work that is unsatisfactory, faulty, or deficient; or that does not conform to the Construction Documents or the State Standard Specifications; or that does not meet the requirements of any inspection, reference standard, test, or approval referred to in the Construction Documents; or work that has been damaged prior to the ENGINEER'S recommendation of final payment.

Drawings - The drawings, plans, maps, profiles, diagrams, and other graphic representations which show the character, location, nature, extent, and scope of the WORK and which have been prepared by the ENGINEER and are referred to in the Construction Documents. Shop Drawings are not Drawings as so defined.

Effective Date of the Contract - The date indicated in the Contract on which it was executed, but if no such date is indicated it means the date on which the Contract is signed and delivered by the last of the two parties to sign and deliver.

ENGINEER – The person, firm, or corporation responsible for plan preparation and named as such in the Construction Documents.

Field Order - A written order issued by the City, which may or may not involve a change in the WORK.

Inspector – The person, firm, or corporation, as designated by the CITY as responsible for determining whether or not the WORK is constructed in accordance with the Construction Documents.

Laws and Regulations; Laws or Regulations - Laws, rules, regulations, ordinances, codes, and/or orders promulgated by a lawfully constituted body authorized to issue such Laws and Regulations.

Notice of Award - The written notice by the CITY to the apparent successful bidder stating that upon compliance by the apparent successful bidder with the conditions precedent enumerated therein within the time specified, the CITY would enter into a Contract.

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

GENERAL CONDITIONS

Notice to Proceed - The written notice issued by the CITY to the CONTRACTOR authorizing the CONTRACTOR to proceed with the WORK and establishing the date of commencement of the Contract Time.

Owner – The Owner is the City of Lathrop located at 390 Towne Centre Drive, Lathrop, California 95330.

Partial Completion - Placing a portion of the WORK in service for the purpose for which it is intended (or a related purpose) before reaching Substantial Completion of the WORK.

Project - The total construction of which the WORK to be provided under the Construction Documents, may be the whole, or a part thereof.

Project Engineer – Who is the ENGINEER’S Agent, will act as directed by and under the supervision of the ENGINEER and will confer with the ENGINEER regarding its actions.

Project Manager - The authorized representative of the City who is assigned to manage the Project.

Shop Drawings - All drawings, diagrams, illustrations, schedules and other data which are specifically prepared by or for the CONTRACTOR and submitted by the CONTRACTOR to illustrate some portion of WORK and all illustrations, brochures, standard schedules, performance charts, instructions, and diagrams to illustrate material or equipment for some portion of the WORK.

Standard Plans - The latest edition of the Standard Plans of the State of California, Department of Transportation. Any reference therein to the State of California or a State agency, office or officer shall be interpreted to refer to the City of Lathrop or its corresponding agency, office or officer acting under this contract.

Standard Specifications - The latest edition of the Standard Specifications of the State of California, Department of Transportation. Any reference therein to the State of California or a State agency, office or officer shall be interpreted to refer to the City of Lathrop or its corresponding agency, office or officer acting under this contract. Only those specific sections of the Standard Specifications that are referenced shall be incorporated into the Construction Documents.

Subcontractor - An individual, firm, or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the WORK at the site.

Substantial Completion - Refers to when the WORK has progressed to the point where, in the opinion of the ENGINEER as evidenced by the Certificate of Substantial Completion/Notice of Completion as applicable, it is sufficiently complete, in accordance with the Construction Documents, so that the WORK can be utilized for the purposes for which it is intended; or if there be no such certificate issued, when final payment is due in accordance with Paragraph 14.8. The terms "substantially complete" and "substantially completed" as applied to any work refers to substantial completion thereof.

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CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

GENERAL CONDITIONS

Supplementary Conditions - The part of the Construction Documents, which make additions, deletions, or revisions to these General Conditions.

Supplier - A manufacturer, fabricator, supplier, distributor, material man, or Contractor.

Technical Specifications - Those portions of the Construction Documents consisting of the General Requirements and Technical Requirements.

Underground Utilities - All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities which have been installed underground to furnish any of the following services or materials: water, sewage and drainage removal, electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, traffic, or other control systems.

WORK - The entire completed construction required to be furnished under the Construction Documents. WORK is the result of performing services, furnishing labor and furnishing and incorporating materials and equipment into the construction, all as required by the Construction Documents.

ARTICLE 2 -- PRELIMINARY MATTERS

2.1 Delivery of Bonds/Insurance Certificates

- A. When the CONTRACTOR delivers the signed Contracts to the CITY, the CONTRACTOR shall also deliver to the CITY such Bonds and Insurance Policies and Certificates as the CONTRACTOR may be required to furnish in accordance with the Construction Documents.

2.2 Copies of Documents

- A. The CITY will send two (2) copies of the Contract to the Contractor for signature. After signing and returning both copies, the CITY shall furnish to the Contractor one (1) original copy of the executed Contract.

2.3 Commencement of Contract Time; Notice to Proceed

- A. The Contract Time will start to run on the commencement date stated in the Notice to Proceed.

2.4 Starting the Project

- A. The CONTRACTOR shall begin to perform the WORK within 10 working days after the commencement date stated in the Notice to Proceed, but no work shall be done at the site prior to said commencement date.
- B. Before undertaking each part of the WORK, the CONTRACTOR shall carefully study and compare the Construction Documents and check and verify pertinent figures shown

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thereon and all applicable field measurements. The CONTRACTOR shall promptly report in writing to the CITY any conflict, error, or discrepancy which the CONTRACTOR may discover and shall obtain a written interpretation or clarification from the CITY/ENGINEER before proceeding with any work affected thereby.

- C. The CONTRACTOR shall submit to the CITY for review by the CITY/ ENGINEER those documents called for under Section entitled "Contractor Submittals" in the General Requirements.

2.5 Subcontract Limitations

- A. The CONTRACTOR shall perform not less than 30 percent of the Work with its own forces (i.e., without subcontracting). The 30 percent requirement shall be understood to refer to the Work, the value of which totals not less than 30 percent of the Contract Price.

2.6 Pre-Construction Conference

- A. A pre-construction conference attended by the CONTRACTOR, the CITY and others as appropriate will be held to discuss the WORK in accordance with the applicable procedures specified in the General Requirements. The CONTRACTOR shall submit the Project Schedule at this meeting.

2.7 Finalizing Schedules

- A. At least 7 days before submittal of the first Application for Payment a conference attended by the CONTRACTOR, the CITY, and others as appropriate will be held to finalize the schedules submitted in accordance with the General Requirements.

2.8 Hours of Work

- A. The CONTRACTOR shall schedule an 8-hour workday between the hours of 7:00 a.m. and 6:00 p.m. on Monday through Friday unless otherwise approved by the CITY or modified in the Supplementary Conditions. No work requiring City inspection shall be allowed outside of normal working hours, or on weekends or holidays without written authorization of the CITY. Normal working hours are defined as being Monday through Friday, 8:00 a.m. to 5:00 p.m.

2.9 City Furnished Materials

- A. The CITY will not furnish any materials for this project. All materials required for the successful performance of this contract shall be furnished by the Contractor.

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

3.1 Intent

- A. The Construction Documents comprise the entire contract between the CITY and the CONTRACTOR concerning the WORK. The Construction Documents are complementary; what is called for by one is as binding as if called for by all. The Construction Documents will be construed in accordance with the law of the place of the State of California and local municipal codes and regulations.
- B. It is the intent of the Construction Documents to describe the WORK, functionally complete, to be constructed in accordance with the Construction Documents. Any work, materials, or equipment that may reasonably be inferred from the Construction Documents as being required to produce the intended result shall be supplied whether or not specifically called for. When words which have a well-known technical or trade meaning are used to describe work, materials, or equipment such words shall be interpreted in accordance with that meaning. Reference to standard specifications, manuals, or codes of any technical society, organization, or association, or to the Laws or Regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual, or code (whether or not specifically incorporated by reference in the Construction Documents) shall be effective to change the duties and responsibilities of the CITY, the CONTRACTOR, or the ENGINEER or any of their consultants, agents, or employees from those set forth in the Construction Documents.
- C. If, during the performance of the WORK, the CONTRACTOR finds a conflict, error, or discrepancy in the Construction Documents, the CONTRACTOR shall so report to the CITY in writing at once, and before proceeding with the work affected thereby, shall obtain a written interpretation, clarification, or correction from the ENGINEER.

3.2 Order of Precedence of Construction Documents

- A. In resolving conflicts resulting from conflicts, errors, or discrepancies in any of the Construction Documents, the order of precedence shall be as follows:
 - 1. Change orders
 - 2. Contract
 - 3. Addenda
 - 4. CONTRACTOR'S Bid (Bid Form)
 - 5. Supplementary Conditions
 - 6. Notice Inviting Bids
 - 7. Instructions to Bidders
 - 8. General Conditions
 - 9. Technical Specifications
 - 10. Referenced Standard Specifications

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- 10a. Caltrans Standard Specifications
- 10b. Lathrop Design & Construction Standards
- 11. Drawings

B. With reference to the Drawings the order of precedence is as follows:

- 1. Figures govern over scaled dimensions
- 2. Detail drawings govern over general drawings
- 3. Addenda/change order drawings govern over Contract Drawings
- 4. Contract Drawings govern over standard drawings

3.3 Amending and Supplementing Construction Documents

- A. The Construction Documents may be amended to provide for additions, deletions, and revisions in the WORK or to modify the terms and conditions thereof by a Change Order (pursuant to Article 10).

3.4 Reuse of Documents

- A. Neither the CONTRACTOR, nor any Subcontractor or Supplier, nor any other person or organization performing any of the WORK under a contract with the CITY shall have or acquire any title to ownership rights in any of the Drawings, Technical Specifications, or other documents used on the WORK, and they shall not reuse any of them on the extensions of the Project or any other project without written consent.

3.5 Conflicts within Construction Documents

- A. Should the Construction Documents contain conflicts and/or contradictions, the more stringent shall apply at the CITY's discretion.

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

4.1 Availability of Lands

- A. The CITY shall furnish, as indicated in the Construction Documents, the lands upon which the WORK is to be performed, rights-of-way and easements for access thereto, and such other lands which are designated for the use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the CITY, unless otherwise provided in the Construction Documents. Nothing contained in the Construction Documents shall be interpreted as giving the CONTRACTOR exclusive occupancy of the lands or rights-of-way provided. The CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment; provided, that the CONTRACTOR shall not enter upon nor use any property not under the control of the CITY until a written temporary construction easement agreement has

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been executed by the CONTRACTOR and the property owner, and a copy of said easement furnished to the CITY'S REPRESENTATIVE prior to said use; and, neither the CITY nor the ENGINEER shall be liable for any claims or damages resulting from the CONTRACTOR'S unauthorized trespass or use of any such properties.

4.2 Physical Conditions - Subsurface and Existing Structures

- A. Explorations and Reports: Reference is made to the Paragraph entitled "Physical Conditions" of the Supplementary Conditions for identification of those reports of explorations and tests of sub- surface conditions at the site that have been utilized by the ENGINEER in the preparation of the Construction Documents. The CONTRACTOR may rely upon the accuracy of the technical data contained in such reports, however, the interpretation of such technical data, including any interpolation or extrapolation thereof, together with non-technical data, interpretations, and opinions contained in such reports or the completeness thereof is the responsibility of the CONTRACTOR.
- B. Existing Structures: Reference is made to the Paragraph entitled "Physical Conditions" of the Supplementary Conditions for identification of those drawings of physical conditions in or relating to existing surface and subsurface structures (except Underground Utilities referred to in Paragraph 4.4 herein) which are at or contiguous to the site that have been utilized by the ENGINEER in the preparation of the Construction Documents. The CONTRACTOR may rely upon the accuracy of the technical data contained in such drawings, however, the interpretation of such technical data, including any interpolation or extrapolation thereof, together with non-technical data, interpretations, and opinions contained in such drawings or the completeness thereof is the responsibility of the CONTRACTOR.

4.3 Differing Site Conditions

- A. The CONTRACTOR shall notify the CITY'S REPRESENTATIVE in writing of the following unforeseen conditions, hereinafter called differing site conditions, promptly upon their discovery (but in no event later than 14 days from the discovery) and before they are disturbed:
 - 1. Subsurface or latent physical conditions at the site of the WORK differing materially from those indicated, described, or delineated in the Construction Documents including those reports and documents discussed in Paragraph 4.2; and.
 - 2. Unknown physical conditions at the site of the WORK of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Construction Documents including those reports and documents discussed in Paragraph 4.3.
- B. The CITY'S REPRESENTATIVE will review the pertinent conditions and determine the necessity of obtaining additional explorations or tests with respect thereto.

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- C. If the CITY'S REPRESENTATIVE concludes that because of newly discovered conditions a change in the Construction Documents is required, a Change Order will be issued as provided in Article 10 to reflect and document the consequences of the difference.
- D. In each such case, an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, or any combination thereof, will be allowable to the extent that they are attributable to any such difference. If the CITY and the CONTRACTOR are unable to agree as to the amount or length thereof, a claim may be made therefore as provided in Articles 11 and 12.
- E. The CONTRACTOR'S failure to give notice of differing site conditions within 14 days of their discovery or before they are disturbed shall constitute a waiver of all claims in connection therewith, whether direct or consequential in nature.

4.4 Physical Conditions – Underground Utilities

- A. Shown or Indicated: The information and data shown or indicated in the Construction Documents with respect to existing Underground Utilities at or contiguous to the site are based on information and data furnished to the ENGINEER by the CITY, Underground Utility Companies or by others. Unless it is expressly provided in the Supplementary Conditions and/or the Section entitled "Protection and Restoration of Existing Facilities" of the General Requirements, the CITY and the ENGINEER shall not be responsible for the accuracy or completeness of any such information or data, and the CONTRACTOR shall have full responsibility for reviewing and checking all such information and data, for locating all Underground Utilities shown or indicated in the Construction Documents, for coordination of the WORK with Underground Utility Companies during construction, for the safety and protection thereof and repairing any damage thereto resulting from the WORK, the cost of which will be considered as having been included in the Contract Price.
- B. Not Shown or Indicated: If an Underground Utility is uncovered or revealed at or contiguous to the site which was not shown or indicated in the Construction Documents and which the CONTRACTOR could not reasonably have been expected to be aware of, the CONTRACTOR shall identify to the CITY'S REPRESENTATIVE of such Underground Utility and give written notice thereof in accordance with the requirements of the Supplementary Conditions and Section entitled "Protection and Restoration of Existing Facilities" of the General Requirements.

4.5 Reference Points

- A. The ENGINEER will provide the CONTRACTOR with drawings showing benchmarks and reference points as it deems necessary to establish lines and grades required for the completion of the Site Work specified in the Contract Documents. The CONTRACTOR shall make or furnish all surveys and set all construction stakes necessary for the completion of the work.

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- B. The CONTRACTOR shall preserve all bench marks, stakes, and other survey marks, and in case of their removal or destruction by its own employees or by its subcontractor's employees, the CONTRACTOR shall be responsible for the accurate replacement of such reference points by professionally qualified personnel.

4.6 **Asbestos, Hazardous Waste, or Toxic or Radioactive Materials**

- A. If the CONTRACTOR observes, uncovers, or otherwise becomes aware of any asbestos, hazardous waste, or toxic or radioactive material at the site to which the CONTRACTOR or any Subcontractor, Supplier, or other person may be exposed, the CONTRACTOR shall immediately notify the CITY'S REPRESENTATIVE and thereafter confirm any oral notice in writing. The CITY'S REPRESENTATIVE shall promptly consult with the ENGINEER and the CONTRACTOR concerning such condition and determine the necessity of CITY'S retaining special consultants or qualified experts to deal therewith. The CONTRACTOR shall not perform any work in connection therewith prior to receipt of special written instructions from the CITY'S REPRESENTATIVE.

ARTICLE 5 -- BONDS AND INSURANCE

5.1 **Performance and Other Bonds**

- A. The CONTRACTOR shall furnish satisfactory Performance Bond in the amount of 100 percent of the Contract Price and Payment Bond in the amount of 100 percent of the Contract Price as security for the faithful performance and payment of all the CONTRACTOR'S obligations under the Construction Documents. The Warranty Bond shall remain in effect at least until one year after the date of Acceptance of Public Improvements by the City as applicable, except as otherwise provided by Law or Regulation or by the Construction Documents. The CONTRACTOR shall also furnish such other Bonds as may be required by the Supplementary Conditions.
- B. If the surety on any Bond furnished by the CONTRACTOR is declared a bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the WORK is located, the CONTRACTOR shall within 7 days thereafter substitute another Bond and Surety, which must be acceptable to the CITY.

5.2 **Insurance**

- A. Category 2 "Intermediate Risk"

Insurance Requirements

- i. Commercial General Liability

- a. Contractor shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than two million dollars (\$2,000,000) per occurrence for bodily injury, personal

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injury, and property damage, including without limitation, blanket contractual liability. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. Contractor's general liability policies shall be primary and shall not seek contribution from the City's coverage, and be endorsed using Insurance Services Office form CG 20 10 (or equivalent) to provide that City and its officers, officials, employees, and agents shall be additional insureds under such policies. For construction projects, an endorsement providing completed operations coverage for the additional insured, ISO form CG 20 37 (or equivalent), is also required.

b. Any failure to comply with reporting provisions of the policies by Contractor shall not affect coverage provided the City.

c. Coverage shall state that Contractor insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

d. Coverage shall contain a waiver of subrogation in favor of the City.

ii. Business Automobile Liability

a. Contractor shall provide auto liability coverage for owned, non-owned, and hired autos using ISO Business Auto Coverage form CA 00 01 (or equivalent) with a limit of no less than two million dollars (\$2,000,000) per accident.

iii. Workers' Compensation and Employers' Liability- Statutory

a. Contractor shall maintain Workers' Compensation Insurance and Employer's Liability Insurance with limits of at least one million dollars (\$1,000,000). Contractor shall submit to City, along with the certificate of insurance, a waiver of subrogation endorsement in favor of City, its officers, agents, employees, and volunteers.

(Coverage can be waived by city, if Contractor, in writing, confirms not required to carry coverage)

iv. All Coverages

a. Each insurance policy required by the agreement shall be endorsed to state that coverage shall not be suspended, voided, cancelled, or reduced in limits except after thirty (30) days' prior written notice has been given to the City, except that ten (10) days' prior written notice shall apply in the event of cancellation for nonpayment of premium.

b. All self-insurance, self-insured retentions, and deductibles must be declared and approved by the City.

c. Evidence of Insurance - Prior to commencement of work, the Contractor shall furnish the City with certificates, additional insured endorsements, and waivers of

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subrogation evidencing compliance with the insurance requirements above. The Contractor must agree to provide complete, certified copies of all required insurance policies if requested by the City.

d. Acceptability of Insurers - Insurance shall be placed with insurers admitted in the State of California and with an AM Best rating of A- VII or higher.

e. Subcontractors and Consultants - A category of risk and the applicable insurance requirements will be determined on a “per subcontractor” or “per consultant” basis, considering the particular work to be done by the subcontractor or consultant and the interrelationship of that work to other work being conducted by the Contractor.

ARTICLE 6 -- CONTRACTOR'S RESPONSIBILITIES

6.1 Supervision and Superintendence

- A. The CONTRACTOR shall supervise and direct the WORK competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the WORK in accordance with the Construction Documents. The CONTRACTOR shall be responsible for the means, methods, techniques, sequences, and procedures of construction and safety precautions and programs incidental thereto. The CONTRACTOR shall be responsible to see that the finished WORK complies accurately with the Construction Documents.
- B. The CONTRACTOR shall designate in writing and keep on the work site at all times during its progress a technically qualified, English-speaking superintendent, who shall not be replaced without written notice to the CITY. The superintendent will be the CONTRACTOR'S representative at the site and shall have authority to act on behalf of the CONTRACTOR. All communications given to the superintendent shall be as binding as if given to the CONTRACTOR. The CONTRACTOR shall issue all its communications to the CITY'S REPRESENTATIVE.
- C. The CONTRACTOR'S supervisor or superintendent shall be present at the site of the WORK at all times while work is in progress. Failure to observe this requirement shall be considered as suspension of the WORK by the CONTRACTOR until such time as such supervisor or superintendent is again present at the site.

6.2 Labor, Materials, and Equipment

- A. The CONTRACTOR shall provide competent, suitably qualified personnel to survey and lay out the WORK and perform construction as required by the Construction Documents. The CONTRACTOR shall furnish, erect, maintain, and remove the construction plant and any temporary works as may be required. The CONTRACTOR shall at all times maintain good discipline and order at the site. Except in connection with the safety or protection of persons or the WORK or property at the site or adjacent thereto, and except as otherwise indicated in the Construction Documents, all work at the site shall be performed during regular working hours, and the CONTRACTOR will not permit

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overtime work or the performance of work on Saturday, Sunday, or any legal State, Federal or CITY holiday without the written consent of the CITY'S REPRESENTATIVE.

- B. Except as otherwise provided in this Paragraph, the CONTRACTOR shall receive no additional compensation for overtime work, i.e., work in excess of 8 hours in any one calendar day or 40 hours in any one calendar week, even though such overtime work may be required under emergency conditions and may be ordered by the CITY'S REPRESENTATIVE in writing. Additional compensation will be paid the CONTRACTOR for overtime work only in the event the CITY'S REPRESENTATIVE orders extra work and the change order specifically authorizes the use of overtime work and then only to such extent as overtime wages are regularly being paid by the CONTRACTOR for overtime work of a similar nature in the same locality.
- C. All costs of inspection and testing performed during overtime work or on Saturday, Sunday, or any legal holiday by the CONTRACTOR, which is allowed solely for the convenience of the CONTRACTOR, shall be borne by the CONTRACTOR. The CITY shall have the authority to deduct the cost of all such inspection and testing from any partial payments otherwise due to the CONTRACTOR.
- D. Unless otherwise specified in the Construction Documents, the CONTRACTOR shall furnish and assume full responsibility for all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, and all other facilities and incidentals necessary for the furnishing, performance, testing, start-up, and completion of the WORK.
- E. All materials and equipment to be incorporated into the WORK shall be of good quality and new, except as otherwise provided in the Construction Documents. All Suppliers' warranties and guarantees specifically called for by the Specifications shall expressly run to the benefit of the CITY. If required by the CITY'S REPRESENTATIVE, the CONTRACTOR shall furnish satisfactory evidence (including reports of required tests) as to the kind and quality of materials and equipment. All materials and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned in accordance with the instructions of the applicable Supplier except as otherwise provided in the Construction Documents; but no provisions of any such instructions will be effective to assign to the CITY, or any of the CITY's consultants, agents, or employees, any duty or authority to supervise or direct the furnishing or performance of the WORK or any duty or authority to undertake responsibility contrary to the provisions of Paragraphs 9.9C and 9.9D.

6.3 Adjusting Progress Schedule

- A. The CONTRACTOR shall submit any adjustments in the progress schedule to the CITY'S REPRESENTATIVE for acceptance in accordance with the provisions for "Contractor Submittals" in the General Requirements.

6.4 Substitutes or "Or-Equal" Items

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- A. The CONTRACTOR shall submit proposed substitutes or "or-equal" items in accordance with the provisions for "Contractor Submittals" in the General Requirements.

6.5 Concerning Subcontractors, Suppliers, and Others

- A. The CONTRACTOR shall be responsible to the CITY and the ENGINEER for the acts and omissions of its subcontractors and their employees regardless of tier to the same extent as CONTRACTOR is responsible to the CITY and the ENGINEER for the acts and omissions of its own employees. Nothing contained in this Paragraph shall create any contractual relationship between any subcontractor and the CITY or the ENGINEER nor relieve the CONTRACTOR of any liability or obligation under the prime Contract.

6.6 Permits

- A. Contractor shall furnish the City a copy of a valid, current City of Lathrop Business License prior to the commencement of the work. Details may be found at <https://www.ci.lathrop.ca.us/documents>.
- B. Unless otherwise provided in the Supplementary Conditions, the CONTRACTOR shall obtain and pay for all construction permits and licenses from the agencies having jurisdiction, including the furnishing of insurance and bonds if required by such agencies. The enforcement of such requirements under this Contract shall not be made the basis for claims for additional compensation. The CITY shall assist the CONTRACTOR, when necessary, in obtaining such permits and licenses. The CONTRACTOR shall pay all governmental charges and inspection fees necessary for the prosecution of the WORK, which are applicable at the time of opening of Bids. The CONTRACTOR shall pay all utility charges for connections to the WORK.
- C. The CONTRACTOR shall pay all license fees and royalties and assume all costs incident to the use in the performance of the WORK or the incorporation in the WORK of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Construction Documents for use in the performance of the WORK and if to the actual knowledge of the CITY or the ENGINEER its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by the CITY in the Construction Documents. The CONTRACTOR shall indemnify, defend and hold harmless the CITY and the ENGINEER and anyone directly or indirectly employed by either of them from and against all claims, damages, losses, and expenses (including attorneys' fees and court costs) arising out of any infringement of patent rights or copyrights incident to the use in the performance of the WORK or resulting from the incorporation in the WORK of any

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invention, design, process, product, or device not specified in the Construction Documents, and shall defend all such claims in connection with any alleged

6.7 **Laws and Regulations**

- A. The CONTRACTOR shall observe and comply with all federal, state, and local laws, ordinances, codes, orders, and regulations which in any manner affect those engaged or employed on the WORK, the materials used in the WORK, or the conduct of the WORK. If any discrepancy or inconsistency should be discovered in this Contract in relation to any such law, ordinance, code, order, or regulation, the CONTRACTOR shall report the same in writing to the CITY'S REPRESENTATIVE. The CONTRACTOR shall indemnify, defend, and hold harmless the CITY, the ENGINEER, and their officers, agents, and employees against all claims or liability arising from violation of any such law, ordinance, code, order, or regulation, whether by CONTRACTOR or by its employees or subcontractors. Any particular law or regulation specified or referred to elsewhere in the Construction Documents shall not in any way limit the obligation of the CONTRACTOR to comply with all other provisions of federal, state, and local laws and regulations. Where an individual State acts on occupational safety and health standards has been approved by Federal authority, then the provisions of said State act shall control.

6.8 **Taxes**

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

6.9 **Use of Premises**

- A. The CONTRACTOR shall confine construction equipment, the storage of materials and equipment, and the operations of workers to (1) the Project site, (2) the land and areas identified in and permitted by the Construction Documents, and (3) the other land and areas permitted by Laws and Regulations, rights-of-way, permits, and easements. The CONTRACTOR shall assume full responsibility for any damage to any such land or area, or to the CITY or occupant thereof or of any land or areas contiguous thereto, resulting from the performance of the WORK. Should any claim be made against the CITY or the ENGINEER by any such owner or occupant because of the performance of the WORK, the CONTRACTOR shall promptly attempt to settle with such other party by contract or otherwise resolve the claim through litigation. The CONTRACTOR shall, to the fullest extent permitted by Laws and Regulations, indemnify, defend, and hold the CITY and the ENGINEER harmless from and against all claims, damages, losses, and expenses (including, but not limited to, fees of engineers, architects, attorneys, and other professionals and court costs) arising directly, indirectly, or consequentially out of any action, legal or equitable, brought by any such other party against the CITY or the ENGINEER to the extent based on a claim arising out of the CONTRACTOR'S performance of the work.

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6.10 Safety and Protection

- A. The CONTRACTOR shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the WORK. The CONTRACTOR shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 - 1. All employees on the WORK and other persons and organizations who may be affected thereby;
 - 2. All the WORK and materials and equipment to be incorporated therein, whether in storage on or off the site; and
 - 3. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.
- B. The CONTRACTOR shall comply with all applicable Laws and Regulations (whether referred to herein or not) of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury, or loss and shall erect and maintain all necessary safeguards for such safety and protection. The CONTRACTOR shall notify CITY'S REPRESENTATIVE of adjacent property and utilities when prosecution of the WORK may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. The CONTRACTOR shall designate a responsible representative at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the CITY'S REPRESENTATIVE.

6.11 Shop Drawings and Samples

- A. After checking and verifying all field measurements and after complying with applicable procedures specified in the General Requirements, the CONTRACTOR shall submit to the CITY'S REPRESENTATIVE for review all shop drawings in accordance with the accepted schedule of Shop Drawings submittals specified in the General Requirements.
- B. The CONTRACTOR shall also submit to the CITY'S REPRESENTATIVE for review all samples in accordance with the accepted schedule of Sample submittals specified in the General Requirements.
- C. Before submittal of each shop drawing or sample, the CONTRACTOR shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar data with respect thereto and reviewed or coordinated each shop drawing or sample with other shop drawings and samples and with the requirements of the WORK and the Construction Documents.

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6.12 Continuing the Work

- A. The CONTRACTOR shall carry on the WORK and adhere to the progress schedule during all disputes or disagreements with the CITY. No work shall be delayed or postponed pending resolution of any disputes or disagreements, except as the CONTRACTOR and the CITY may otherwise agree in writing.

6.13 Liquidated Damages

- A. See Section *00100 - Instructions to Bidders*.

6.14 Indemnification

- A. To the fullest extent permitted by Laws and Regulations, the CONTRACTOR shall indemnify, defend, and hold harmless the CITY, the ENGINEER, and their officers, directors, agents, and employees, against and from all claims and liability arising under, by reason of or incidentally to the Contract or any performance of the WORK, but not from the active negligence or willful misconduct of the CITY and/or the ENGINEER. Such indemnification by the CONTRACTOR shall include but not be limited to the following:
 - 1. Liability or claims resulting directly or indirectly from the negligence or carelessness of the CONTRACTOR, its employees, or agents in the performance of the WORK, or in guarding or maintaining the same, or from any improper materials, implements, or appliances used in its construction, or by or on account of any act or omission of the CONTRACTOR, its employees, or agents;
 - 2. Liability or claims arising directly or indirectly from bodily injury, occupational sickness or disease, or death of the CONTRACTOR'S or Subcontractor's own employees engaged in the WORK resulting in actions brought by or on behalf of such employees against the CITY and/or the ENGINEER;
 - 3. Liability or claims arising directly or indirectly from or based on the violation of any law, ordinance, regulation, order, or decree, whether by the CONTRACTOR, its employees, or agents;
 - 4. Liability or claims arising directly or indirectly from the use or manufacture by the CONTRACTOR, its employees, or agents in the performance of this Contract of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article, or appliance, unless otherwise specifically stipulated in this Contract;
 - 5. Liability or claims arising directly or indirectly from the breach of any warranties, whether express or implied, made to the CITY or any other parties by the CONTRACTOR, its employees, or agents;

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6. Liabilities or claims arising directly or indirectly from the willful misconduct of the CONTRACTOR, its employees, or agents; and,
 7. Liabilities or claims arising directly or indirectly from any breach of the obligations assumed herein by the CONTRACTOR.
- B. The CONTRACTOR shall reimburse the CITY for all costs and expenses, (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals and court costs) incurred by said CITY in enforcing the provisions of this Paragraph 6.13.
- C. The indemnification obligation under this Paragraph 6.13 shall not be limited in any way by any limitation of the amount or type of damages, compensation, or benefits payable by or for the CONTRACTOR or any such subcontractor or other person or organization under workers' compensation acts, disability benefit acts, or other employee benefit acts.

6.15 Contractor's Daily Reports

- A. The CONTRACTOR shall complete a daily report indicating manpower, major equipment, subcontractors, weather conditions, etc., involved in the performance of the WORK. The daily report shall be completed on forms prepared by the CONTRACTOR and acceptable to the CITY, and shall be submitted to the CITY'S REPRESENTATIVE at the conclusion of each workday.

6.16 Assignment of Contract

- A. The CONTRACTOR shall not assign, sublet, sell, transfer, or otherwise dispose of the Contract or any portion thereof, or its right, title, or interest therein, or obligations thereunder, without the written consent of the CITY except as imposed by law. If the CONTRACTOR violates this provision, the Contract may be terminated at the option of the CITY. In such event, the CITY shall be relieved of all liability and obligations to the CONTRACTOR and to its assignee or transferee, growing out of such termination.

ARTICLE 7 -- OTHER WORK

7.1 Related Work at Site

- A. The CITY may perform other work related to the Project at the site by the CITY'S own forces, have other work performed by utility companies, or let other direct contracts therefore which may contain General Conditions similar to these. If the fact that such other work is to be performed was not noted in the Construction Documents, written notice thereof will be given to the CONTRACTOR prior to starting any such other work.
- B. The CONTRACTOR shall afford each utility company and other contractors who are a party to such a direct contract (or the CITY, if the CITY is performing the additional work with the CITY'S employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution

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of such work, and shall properly connect and coordinate the WORK with theirs. The CONTRACTOR shall do all cutting, fitting, and patching of the WORK that may be required to make its several parts come together properly and integrate with such other work. The CONTRACTOR shall not endanger any work of others by cutting, excavating, or otherwise altering their work and will only cut or alter their work with the written consent of the CITY and the others whose work will be affected.

- C. If any part of the CONTRACTOR'S work depends for proper execution or results upon the work of any such other contractor or utility company (or CITY), the CONTRACTOR shall inspect and report to the CITY'S REPRESENTATIVE in writing any delays, defects, or deficiencies in such work that render it unavailable or unsuitable for such proper execution and results. The CONTRACTOR'S failure to report such delays, defects, or deficiencies will constitute an acceptance of the other work as fit and proper for integration with the CONTRACTOR'S work except for latent or non-apparent defects and deficiencies in the other work.

7.2 Coordination

- A. If the CITY contracts with others for the performance of other work on the Project at the site, the person or organization who will have authority and responsibility for coordination of the activities among the various prime contractors will be identified in the Supplementary Conditions, and the specific matters to be covered by such authority and responsibility will be itemized and the extent of such authority and responsibilities will be provided in the Supplementary Conditions. Unless otherwise provided in the Supplementary Conditions, neither the CITY nor the ENGINEER shall have any authority or responsibility in respect of such coordination.

ARTICLE 8 -- CITY'S RESPONSIBILITIES

8.1 Communications

- A. The CITY shall issue all its communications to the CONTRACTOR through the CITY'S REPRESENTATIVE.

8.2 Payments

- A. The CITY shall make payments to the CONTRACTOR as provided in Paragraphs 14.5 and 14.8.

8.3 Lands, Easements, And Surveys

- A. The CITY'S duties in respect of providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.1. The CITY shall identify and make available to the CONTRACTOR copies of

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reports of explorations and tests of subsurface conditions at the site and in existing structures, which have been utilized by the ENGINEER in preparing the Drawings and Technical Specifications.

8.4 Change Orders

- A. The CITY shall execute Change Orders as indicated in Paragraph 10.1D.

8.5 Inspections and Tests

- A. The CITY'S responsibility in respect of certain inspections, tests, and approvals is set forth in Paragraph 13.3B.

8.6 Suspension of Work

- A. In connection with the CITY'S right to stop work or suspend work, see Paragraphs 13.4 and 15.1. Paragraphs 15.2 and 15.3 deal with the CITY'S right to terminate services of the CONTRACTOR under certain circumstances.

ARTICLE 9 – CITY'S REPRESENTATIVE/ENGINEER'S STATUS DURING CONSTRUCTION

9.1 City's Representative

- A. The CITY'S REPRESENTATIVE is the person, firm or corporation assigned to be the CITY'S representative during the construction period as set forth in the Supplementary Conditions. The duties and responsibilities and the limitations of authority of the CITY'S REPRESENTATIVE during construction are set forth in the Supplementary Conditions.

9.2 Visits to Site

- A. The CITY'S REPRESENTATIVE and/or the ENGINEER may make visits to the site during construction to observe the progress and quality of the WORK and to determine, in general, if the WORK is proceeding in accordance with the Construction Documents. The CITY'S REPRESENTATIVE and/or the ENGINEER is not required to make exhaustive or continuous on-site inspections to check the quality or quantity of the WORK. The CITY'S REPRESENTATIVE and/or the ENGINEER shall not, during such visits or as a result of such observations of the CONTRACTOR'S work in progress, supervise, direct, or have control over the CONTRACTOR'S work.

9.3 Project Engineer

- A. The ENGINEER may furnish a Project Engineer to assist in observing the performance of the WORK. The Project Engineer is the ENGINEER'S agent.

9.4 Clarifications and Interpretations

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- A. The ENGINEER, through the CITY'S REPRESENTATIVE, will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Construction Documents (in the form of Drawings or otherwise) as the ENGINEER may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Construction Documents.

9.5 Authorized Variations in Work

- A. The CITY'S REPRESENTATIVE and/or the ENGINEER may authorize minor variations in the WORK from the requirements of the Construction Documents, which do not involve an adjustment in the Contract Price or the Contract Time and are consistent with the overall intent of the Construction Documents. These may be accomplished by a Field Order issued through the CITY'S REPRESENTATIVE and will require the CONTRACTOR to perform the work involved promptly. If the CONTRACTOR believes that a Field Order justifies an increase in the Contract Price or an extension of the Contract Time and the parties are unable to agree as to the amount or extent thereof, the CONTRACTOR may make a claim therefore as provided in Article 11 or 12.

9.6 Rejecting Defective Work

- A. The CITY'S REPRESENTATIVE has authority to reject work, which the CITY'S REPRESENTATIVE and/or ENGINEER believes to be defective, and also has authority to require special inspection or testing of the WORK as provided in Paragraph 13.3G, whether or not the WORK is fabricated, installed, or completed.

9.7 Contractor Submittals, Change Orders, and Payments

- A. In accordance with the procedures set forth in the General Requirements, the CITY'S REPRESENTATIVE and/or the ENGINEER will review all CONTRACTOR submittals, including shop drawings, samples, substitutes, or "or equal" items, etc., in order to determine if the items covered by the submittals will, after installation or incorporation in the WORK, conform to the requirements of the Construction Documents and be compatible with the design concept of the completed project as a functioning whole as indicated by the Construction Documents. The CITY'S and the ENGINEER'S review shall not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions or programs incident thereto.
- B. In connection with the ENGINEER'S responsibilities as to Change Orders, see Articles 10, 11, and 12.
- C. In connection with the ENGINEER'S responsibilities in respect of Applications for Payment, see Article 14.

9.8 Decisions on Disputes

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- A. The CITY'S REPRESENTATIVE will be the initial interpreter of the requirements of the Construction Documents and judge of the acceptability of the WORK there under. Claims, disputes, and other matters relating to the acceptability of the WORK; the interpretation of the requirements of the Construction Documents pertaining to the performance of the WORK; and those claims under Articles 11 and 12 in respect to changes in the Contract Price or Contract Time will be referred initially to the CITY'S REPRESENTATIVE in writing with a request for formal decision in accordance with this paragraph, which the CITY will render in writing within 30 days of receipt of the request. Written notice of each such claim, dispute, and other matter will be delivered by the CONTRACTOR to the CITY'S REPRESENTATIVE promptly but in no event later than 30 days after the occurrence of the event giving rise thereto. Written supporting data will be submitted to the CITY'S REPRESENTATIVE within 30 days after such occurrence unless the CITY allows an additional period of time to ascertain more accurate data in support of the claim.
- B. When functioning as arbiter and judge, the ENGINEER shall not show partiality to the CITY or the CONTRACTOR and shall not be liable in connection with any interpretation or decision rendered in good faith in such capacity. The rendering of a decision by the ENGINEER with respect to any such claim, dispute, or other matter (except any which have been waived by the making or acceptance of final payment as provided in Paragraph 14.12) will be a condition precedent to any exercise by the CITY or the CONTRACTOR of such rights or remedies as either may otherwise have under the Construction Documents or by Law or Regulations in respect of any such claim, dispute, or other matter.
- C. All contracts between the Contractor and his subcontractors and suppliers regardless of tier shall include a provision that subcontractors and suppliers shall be bound to the Contractor to the same extent that the Contractor is bound to the CITY by all terms and provisions of the Contract, including this arbitration provision.

9.9 Limitation on Engineer's Responsibilities

- A. Neither the ENGINEER'S authority to act under this Article 9 or other provisions of the Construction Documents nor any decision made by the ENGINEER in good faith whether to exercise such authority shall give rise to any duty or responsibility of the ENGINEER to the CONTRACTOR, any Subcontractor, any Supplier, any surety for any of them, or any other person or organization performing any of the WORK.
- B. Whenever in the Construction Documents the terms "as ordered," "as directed," "as required," "as allowed," "as reviewed," "as approved," or terms of like effect or import are used, or the adjectives "reasonable," "suitable," "acceptable," "proper," or "satisfactory" or adjectives of like effect or import are used to describe a requirement, direction, review, or judgment of the ENGINEER and CITY as to the WORK, it is intended that such requirement, direction, review, or judgment will be solely to evaluate the WORK for compliance with the requirements of the Construction Documents, and conformance with the design concept of the completed Project as a functioning whole as

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indicated by the Construction Documents, unless there is a specific statement indicating otherwise. The use of any such term or adjective shall not be effective to assign to the ENGINEER and the CITY any duty or authority to supervise or direct the performance of the WORK or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.9C or 9.9D.

- C. The ENGINEER and the CITY will not have authority over or be responsible for the CONTRACTOR'S means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the CONTRACTOR to comply with Laws and Regulations, applicable to the performance of the WORK. The ENGINEER and CITY will not be responsible for the CONTRACTOR'S failure to perform the WORK in accordance with the Construction Documents.
- D. The ENGINEER and CITY will not be responsible for the acts or omissions of the CONTRACTOR nor of any subcontractor, supplier, or any other person or organization performing any of the WORK.

ARTICLE 10 -- CHANGES IN THE WORK

10.1 General

- A. Without invalidating the Contract and without notice to any surety, the CITY may at any time or from time to time, order additions, deletions, or revisions in the WORK; these will be authorized by a written Field Order and/or a Change Order issued by the CITY based on recommendations by the Engineer. Upon receipt of any such document, the CONTRACTOR shall promptly proceed with the work involved, which will be performed under the applicable conditions of the Construction Documents.
- B. If the CITY and the CONTRACTOR are unable to agree as to the extent, if any, of an increase or decrease in the Contract Price or an extension or shortening of the Contract Time that should be allowed as a result of a Field Order, a claim may be made therefore as provided in Articles 11 or 12.
- C. The CONTRACTOR shall not be entitled to an increase in the Contract Price nor an extension of the Contract Time with respect to any work performed that is not required by the Construction Documents as amended, modified, supplemented by Change Order, except in the case of an emergency and except in the case of uncovering work as provided in Paragraph 13.3G.
- D. The CITY and the CONTRACTOR shall execute appropriate Change Orders covering:
 - 1. Changes in the WORK, which are ordered/recommended by the ENGINEER and agreed to by CITY pursuant to Paragraph 10.1A;
 - 2. Changes required because of acceptance of defective work under Paragraph 13.7;
 - 3. Changes in the Contract Price or Contract Time which are agreed to by the parties;
or
 - 4. Any other changes agreed to by the parties.

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- E. If notice of any change is required by the provisions of any Bond to be given to a surety, the giving of any such notice will be the CONTRACTOR'S responsibility, and the amount of each applicable Bond shall be adjusted accordingly.

10.2 Allowable Quantity Variations

- A. In the event of an increase or decrease in bid item quantity of a unit price contract, the total amount of work actually done or materials or equipment furnished shall be paid for according to the unit price established for such work under the Construction Documents, wherever such unit price has been established; provided, that an adjustment in the Contract Price may be made for changes which result in an increase or decrease in the quantity of any unit price bid item of the WORK in excess of 25 percent.
- B. In the event a part of the WORK is to be entirely eliminated and no lump sum or unit price is named in the Construction Documents to cover such eliminated work, the price of the eliminated work shall be agreed upon in writing by the CITY and the CONTRACTOR. If the CITY and the CONTRACTOR fail to agree upon the price of the eliminated work, said price shall be determined in accordance with the provisions of Article 11.

ARTICLE 11 -- CHANGE OF CONTRACT PRICE

11.1 General

- A. The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the WORK. All duties, responsibilities, and obligations assigned to or undertaken by the CONTRACTOR shall be at its expense without change in the Contract Price.
- B. The Contract Price shall only be changed by a Change Order. Any claim for an increase in the Contract Price shall be based on written notice delivered by the CONTRACTOR to the CITY promptly (but in no event later than 30 days) after the occurrence of the event giving rise to the claim and stating the general nature of the claim. Notice of the amount of the claim with supporting data shall be delivered within 60 days after such occurrence (unless the CITY allows an additional period of time to ascertain more accurate data in support of the claim) and shall be accompanied by the CONTRACTOR'S written statement that the amount claimed covers all known amounts (direct, indirect, and consequential) to which the CONTRACTOR is entitled as a result of the occurrence of said event. All claims for adjustment in the Contract Price shall be determined by the CITY in accordance with Paragraph 9.8A if the CITY and the CONTRACTOR cannot otherwise agree on the amount involved. No claim for an adjustment in the Contract Price will be valid if not submitted in accordance with this Paragraph 11.1B.
- C. The value of any work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

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1. Where the work involved is covered by unit prices contained in the Construction Documents, by application of unit prices to the quantities of the items involved.
2. By mutual acceptance of a lump sum, which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.4.
3. On the basis of the cost of work (determined as provided in Paragraphs 11.2 and 11.3) plus a CONTRACTOR'S fee for overhead and profit (determined as provided in Paragraph 11.4).

11.2 Cost of Work (Based On Time and Materials)

- A. General: The CONTRACTOR shall provide an approximate value of any extra work to be performed prior to starting the extra work. The sum of all costs necessarily incurred and paid by the CONTRACTOR for labor, materials, and equipment in the proper performance of extra work. Except as otherwise may be agreed to in writing by the CITY, the cost of work shall be in amounts no higher than those prevailing in the locality of the Project. Whenever any extra work is in progress, for which the definite price has not been agreed on in advance, the CONTRACTOR shall each day, report to the CITY the amount and cost of the labor and material used, and any other expense incurred in such extra work on the preceding day, and no claim for compensation for such extra work will be allowed unless such report shall have been made.
- B. Labor: The cost of labor used in performing extra work by the CONTRACTOR, a subcontractor, or other forces will be the sum of the following:
 1. The actual wages paid plus any employer payments to, or on behalf of workers for fringe benefits including health and welfare, pension, vacation, and similar purposes. The cost of labor may include the wages paid to foremen when determined by the CITY that the services of foremen do not constitute a part of the overhead allowance.
 2. All payment imposed by state and federal laws including, but not limited to, compensation insurance, and social security payments.
 3. The amount paid for subsistence and travel required by collective bargaining agreements, or in accordance with the regular practice of the employer.

At the beginning of the extra work and as later requested by the CITY, the CONTRACTOR shall furnish the CITY proof of labor compensation rates being paid.

- C. Materials: The cost of materials used in performing extra work will be the cost to the purchaser, whether CONTRACTOR or subcontractor, from the supplier thereof, except as the following are applicable:

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1. Trade discounts available to the purchaser shall be credited to the CITY notwithstanding the fact that such discounts may not have been taken by the CONTRACTOR.
 2. For materials secured by other than a direct purchase and direct billing to the purchaser, the cost shall be deemed to be the price paid to the actual supplier as determined by the CITY'S REPRESENTATIVE. Markup except for actual costs incurred in the handling of such materials will not be allowed.
 3. Payment for materials from sources owned wholly or in part by the purchaser shall not exceed the price paid by the purchaser for similar materials from said sources on extra work items or the current wholesale price for such materials delivered to the work site, whichever price is lower.
 4. If in the opinion of the CITY'S REPRESENTATIVE the cost of material is excessive, or the CONTRACTOR does not furnish satisfactory evidence of the cost of such material, then the cost shall be deemed to be the lowest current wholesale price for the quantity concerned delivered to the work site less trade discount. The CITY reserves the right to furnish materials for the extra work and no claim shall be made by the CONTRACTOR for costs and profit on such materials.
- D. Equipment: The CONTRACTOR will be paid for the use of equipment at the rental rate listed for such equipment specified in the "Labor Surcharge and Equipment Rental Rates" as published by the Department of Transportation. Such rental rate will be used to compute payments for equipment whether the equipment is under the CONTRACTOR'S control, through direct City control, leasing, renting, or another method of acquisition. The rental rate to be applied for use of each item of equipment shall be the rate resulting in the least total cost to the CITY for the total period of use. If it is deemed necessary by the CONTRACTOR to use equipment not listed in the publication specified in the Supplementary Conditions, an equitable rental rate for the equipment will be established by the CITY'S REPRESENTATIVE. The CONTRACTOR may furnish cost data, which might assist the CITY'S REPRESENTATIVE in the establishment of the rental rate.
1. All equipment shall, in the opinion of the CITY'S REPRESENTATIVE, be in good working condition and suitable for the purpose for which the equipment is to be used.
 2. Before construction equipment is used on the extra work, the CONTRACTOR shall plainly stencil or stamp an identifying number thereon at a conspicuous location, and shall furnish to the CITY'S REPRESENTATIVE, in duplicate, a description of the equipment and its identifying number.
 3. Unless otherwise specified, manufacturer's ratings and manufacturer-approved modifications shall be used to classify equipment for the determination of applicable rental rates. Equipment, which has no direct power unit, shall be

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- powered by a unit of at least the minimum rating recommended by the manufacturer.
4. Individual pieces of equipment or tools having a replacement value of \$100 or less, whether or not consumed by use, shall be considered to be small tools and no payment will be made therefore.
 5. Rental time will not be allowed while equipment is inoperative due to breakdowns.
- E. Equipment on the Work Site: The rental time to be paid for equipment on the work site shall be the time the equipment is in productive operation on the extra work being performed and, in addition, shall include the time required to move the equipment to the location of the extra work and return it to the original location or to another location requiring no more time than that required to return it to its original location; except, that moving time will not be paid if the equipment is used on other than the extra work, even though located at the site of the extra work. Loading and transporting costs will be allowed, in lieu of moving time, when the equipment is moved by means other than its own power, except that no payment will be made for loading and transporting costs when the equipment is used at the site of the extra work on other than the extra work. The following shall be used in computing the rental time of equipment on the work site.
1. When hourly rates are listed, any part of an hour less than 30 minutes of operation shall be considered to be 1/2-hour of operation, and any part of an hour in excess of 30 minutes will be considered one hour of operation.
 2. When daily rates are listed, any part of a day less than 4 hours operation shall be considered to be 1/2-day of operation. When CITY-operated equipment is used to perform extra work to be paid for on a time and materials basis, the CONTRACTOR will be paid for the equipment and operator, as set forth in Paragraphs (3), (4), and (5), following.
 3. Payment for the equipment will be made in accordance with the provisions in Paragraph 11.2D, herein.
 4. Payment for the cost of labor and subsistence or travel allowance will be made at the rates paid by the CONTRACTOR to other workers operating similar equipment already on the work site, or in the absence of such labor, established by collective bargaining agreements for the type of workmen and location of the extra work, whether or not the operator is actually covered by such an agreement. A labor surcharge will be added to the cost of labor described herein in accordance with the provisions of Paragraph 11.2B, herein, which surcharge shall constitute full compensation for payments imposed by state and federal laws and all other payments made to or on behalf of workers other than actual wages.
 5. To the direct cost of equipment rental and labor, computed as provided herein, will be added the allowances for equipment rental and labor as provided in Paragraph 11.4, herein.

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11.3 Special Services

- A. Special work or services are defined as that work characterized by extraordinary complexity, sophistication, or innovation or a combination of the foregoing attributes which are unique to the construction industry. The following may be considered by the CITY'S REPRESENTATIVE in making estimates for payment for special services:
1. When the CITY'S REPRESENTATIVE and the CONTRACTOR, by agreement, determine that a special service or work is required which cannot be performed by the forces of the CONTRACTOR or those of any of its subcontractors, the special service or work may be performed by an entity especially skilled in the work to be performed. After validation of invoices and determination of market values by the CITY'S REPRESENTATIVE, invoices for special services or work based upon the current fair market value thereof may be accepted without complete itemization of labor, material, and equipment rental costs.
 2. When the CONTRACTOR is required to perform work necessitating special fabrication or machining process in a fabrication or a machine shop facility away from the job site, the charges for that portion of the work performed at the off-site facility may, by agreement, be accepted as a special service and accordingly, the invoices for the work may be accepted without detailed itemization.
 3. All invoices for special services will be adjusted by deducting all trade discounts offered or available, whether the discounts were taken or not. In lieu of the allowances for overhead and profit specified in Paragraph 11.4, herein, an allowance of 5 percent will be added to invoices for special services.
- B. All work performed hereunder shall be subject to all of the provisions of the Construction Documents and the CONTRACTOR'S sureties shall be bound with reference thereto as under the original Contract. Copies of all amendments to surety bonds or supplemental surety bonds shall be submitted to the CITY'S REPRESENTATIVE for review prior to the performance of any work hereunder.

11.4 Contractor's Fee

- A. Extra work ordered on the basis of time and materials will be paid for at the actual necessary cost as determined by the CITY'S REPRESENTATIVE, plus allowances for overhead and profit. For extra work involving a combination of increases and decreases in the WORK the actual necessary cost will be the arithmetic sum of the additive and deductive costs. The allowance for overhead and profit shall include full compensation for superintendence, bond and insurance premiums, taxes, office expense, and all other items of expense or cost not included in the cost of labor, materials, or equipment provided for under Paragraphs 11.2B, C, and D, herein including extended overhead and home office overhead. The allowance for overhead and profit will be made in accordance with the following schedule:

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<u>Actual Necessary Cost</u>	<u>Overhead and Profit Allowance</u>
Labor	15 percent
Materials	10 percent
Equipment	10 percent
Subcontractor	5 percent

- B. It is understood that labor, materials, and equipment may be furnished by the CONTRACTOR or by the subcontractor on behalf of the CONTRACTOR. When all or any part of the extra work is performed by a subcontractor, the allowance specified herein shall be applied to the labor, materials, and equipment costs of the subcontractor, to which the CONTRACTOR may add 5 percent of the subcontractor’s total cost for the extra work. Regardless of the number of hierarchical tiers of subcontractors, the 5 percent increase above the subcontractor’s total cost which includes the allowances for overhead and profit specified herein may be applied one time only for each separate work transaction.

ARTICLE 12 -- CHANGE OF CONTRACT TIME

12.1 General

- A. The Contract Time may only be changed by a Change Order. Any claim for an extension of the Contract Time shall be based on written notice delivered by the CONTRACTOR to the CITY’S REPRESENTATIVE promptly (but in no event later than 30 days) after the occurrence of the event giving rise to the claim and stating the general nature of the claim. Notice of the extent of the claim with supporting data shall be delivered within 60 days after such occurrence (unless the CITY’S REPRESENTATIVE allows an additional period of time to ascertain more accurate data in support of the claim) and shall be accompanied by the CONTRACTOR'S written statement that the adjustment claimed is the entire adjustment to which the CONTRACTOR has reason to believe it is entitled as a result of the occurrence of said event. All claims for adjustment in the Contract Time shall be determined by the CITY’S REPRESENTATIVE in accordance with Paragraph 9.8 if the CITY and the CONTRACTOR cannot otherwise agree. No claim for an adjustment in the Contract Time will be valid if not submitted in accordance with the requirements of this Paragraph 12.1A.
- B. The Contract Time will be extended in an amount equal to time lost due to delays beyond the control of the CONTRACTOR provided that such time lost affects the critical path as shown on the CPM schedule if a claim is made therefore as provided in Paragraph 12.1A. Such delays shall include: acts or neglect by the CITY or others performing additional work as contemplated by Article 7, or by acts of God or of the public enemy, fire, floods, epidemics, quarantine restrictions, strikes, labor disputes, sabotage or freight embargoes.
- C. All time limits stated in the Construction Documents are of the essence of the Contract.

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12.2 Extensions of Time for Delay Due to Inclement Weather

- A. Inclement weather is any weather condition or conditions resulting immediately there from, causing the CONTRACTOR to suspend construction operations or preventing the CONTRACTOR from proceeding with at least 75 percent of the normal labor and equipment force engaged on the work.
- B. Should the CONTRACTOR prepare to begin work at the regular starting time at the beginning of any regular work shift on any day on which inclement weather, or the conditions resulting from the weather, or the condition of the WORK prevents work from beginning at the usual starting time and the crew is dismissed as a result thereof, the CONTRACTOR will not be charged for a working day whether or not conditions change thereafter during said day and the major portion of the day could be considered to be suitable for such construction operations.
- C. The CONTRACTOR shall base its construction schedule upon the inclusion of the number of days of inclement weather specified in paragraph entitled "Inclement weather delays" of the Supplementary Conditions. No extension of the Contract Time due to inclement weather will be considered until after the said number of days of inclement weather has been reached. However, no reduction in Contract Time will be made if said number of days of inclement weather is not reached.

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

13.1 Warranty and Guarantee

- A. The CONTRACTOR warrants and guarantees to the CITY and the ENGINEER that all work will be in accordance with the Construction Documents and will not be defective. Prompt notice of defects known to the CITY and ENGINEER shall be given to the CONTRACTOR. All defective work, whether or not in place, may be rejected, corrected, or accepted as provided in this Article 13.

13.2 Access to Work

- A. The CITY'S REPRESENTATIVE, ENGINEER, other representatives of the CITY, testing agencies, and governmental agencies with jurisdictional interests shall have access to the WORK at reasonable times for their observation, inspections, and testing. The CONTRACTOR shall provide proper and safe conditions for such access.

13.3 Tests and Inspections

- A. The CONTRACTOR shall give the CITY'S REPRESENTATIVE timely notice of readiness of the WORK for all required inspections, tests, or approvals.
- B. If Laws or Regulations of the CITY, or any public body having jurisdiction other than the CITY, require any work to specifically be inspected, tested, or approved, the CONTRACTOR shall pay all costs in connection therewith. The CONTRACTOR shall

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be responsible for and shall pay all costs in connection with testing the work for compliance with the Construction Documents unless stated otherwise in the Supplementary Conditions. The CONTRACTOR shall also be responsible for and shall pay all costs in connection with any inspection or testing required in connection with the CITY'S or the ENGINEER'S acceptance of a Supplier of materials or equipment proposed as a substitution or (or-equal) to be incorporated in the WORK, or of materials or equipment submitted for review prior to the CONTRACTOR'S purchase thereof for incorporation in the WORK.

- C. The CITY'S REPRESENTATIVE will make, or have made, such inspections and tests as the CITY'S REPRESENTATIVE deems necessary to see that the WORK is being accomplished in accordance with the requirements of the Construction Documents. Unless otherwise specified in the Supplementary Conditions, the cost of such inspection and testing will be borne by the CITY. In the event such inspections or tests reveal non-compliance with the requirements of the Construction Documents, the CONTRACTOR shall bear the cost of corrective measures deemed necessary by the CITY'S REPRESENTATIVE, as well as the cost of subsequent re-inspection and retesting. Neither observations by the CITY'S REPRESENTATIVE nor inspections, tests, or approvals by others shall relieve the CONTRACTOR from the CONTRACTOR'S obligation to perform the WORK in accordance with the Construction Documents.
- D. All inspections, tests, or approvals other than those required by Laws or Regulations of any public body having jurisdiction shall be performed by organizations acceptable to the CITY'S REPRESENTATIVE.
- E. If any work (including the work of others) that is to be inspected, tested, or approved is covered without written concurrence of the CITY'S REPRESENTATIVE, it must, if requested by the CITY'S REPRESENTATIVE, be uncovered for observation. Such uncovering shall be at the CONTRACTOR'S expense unless the CONTRACTOR has given the CITY'S REPRESENTATIVE timely notice of the CONTRACTOR'S intention to perform such test or to cover the same and the CITY'S REPRESENTATIVE has not acted with reasonable promptness in response to such notice.
- F. If any work is covered contrary to the written request of the CITY'S REPRESENTATIVE, it must, if requested by the CITY'S REPRESENTATIVE, be uncovered for the CITY'S REPRESENTATIVE observation and replaced at the CONTRACTOR'S expense.
- G. If the CITY'S REPRESENTATIVE considers it necessary or advisable that covered work be observed by the CITY'S REPRESENTATIVE or inspected or tested by others, the CONTRACTOR, at the CITY'S REPRESENTATIVE request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as the CITY'S REPRESENTATIVE may require, that portion of the WORK in question, furnishing all necessary labor, material, and equipment. If it is found that such work is defective, the CONTRACTOR shall bear all direct, indirect, and consequential costs and damages of such uncovering, exposure, observation, inspection, and testing and of satisfactory

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reconstruction, including but not limited to fees and charges of engineers, architects, attorneys, and other professionals. However, if such work is not found to be defective, the CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, and reconstruction; and, if the parties are unable to agree as to the amount or extent thereof, the CONTRACTOR may make a claim therefore as provided in Articles 11 and 12.

13.4 City May Stop the Work

- A. If the WORK is defective, or the CONTRACTOR fails to perform work in such a way that the completed WORK will conform to the Construction Documents, the CITY'S REPRESENTATIVE may order the CONTRACTOR to stop the WORK, or any portion thereof, until the cause for such order has been eliminated; however, this right of the CITY to stop the WORK shall not give rise to any duty on the part of the CITY to exercise this right for the benefit of the CONTRACTOR or any other party.

13.5 Correction or Removal of Defective Work

- A. If required by the CITY'S REPRESENTATIVE, the CONTRACTOR should promptly, either correct all defective work, whether or not fabricated, installed, or completed, or, if the WORK has been rejected by the CITY'S REPRESENTATIVE, remove it from the site and replace it with non-defective work. The CONTRACTOR shall bear all direct, indirect and consequential costs and damages of such correction or removal, including but not limited to fees and charges of engineers, architects, attorneys, and other professionals made necessary thereby.

13.6 One Year Correction Period

- A. If within one year after the date of Substantial Completion/Notice of Completion or such longer period of time as may be prescribed by Laws or Regulations or by the terms of any applicable special guarantee required by the Construction Documents or by any specific provision of the Construction Documents, any work is found to be defective in the CITY'S sole and absolute discretion, the CONTRACTOR shall promptly, without cost to the CITY and in accordance with CITY'S written notification, either correct such defective work, or, if it has been rejected by the CITY, remove it from the site and replace it with non-defective work. If the CONTRACTOR does not promptly comply with the such notification, or in an emergency where delay would cause serious risk of loss or damage, the CITY'S REPRESENTATIVE may have the defective work corrected or the rejected work removed and replaced, and all direct, indirect, and consequential costs and damages of such removal and replacement including but not limited to fees and charges of engineers, architects, attorneys and other professionals will be paid by the CONTRACTOR.

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13.7 Acceptance of Defective Work

- A. The City may accept any work performed defectively. Any such acceptance of defective work shall not waive the City's right to enforce a one-year correction period listed above in Section 13.6(A) unless such a waiver is expressly included in the written acceptance of defective work by the City and the City receives an agreed upon decrease in the contract price in exchange for the release of the above referenced one-year warranty on any defective work accepted.
- B. If, instead of requiring correction or removal and replacement of defective work, the CITY prefers to accept the work, the CITY may do so. The CONTRACTOR shall bear all direct, indirect, and consequential costs attributable to the CITY'S REPRESENTATIVE evaluation of and determination to accept such defective work. If any such acceptance occurs prior to final payment, a Change Order will be issued incorporating the necessary revisions in the Construction Documents with respect to the WORK, and the CITY shall be entitled to an appropriate decrease in the Contract Price.

ARTICLE 14 -- PAYMENTS TO CONTRACTOR AND COMPLETION

14.1 Schedule of Values (Lump Sum Price Breakdown)

- A. The CONTRACTOR shall provide a Schedule of Values (lump sum price breakdown) for all "Lump Sum" items of work. The Schedule of Values shall serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to the CITY'S REPRESENTATIVE.

14.2 Unit Price Bid Schedule

- A. Progress payments on account of Unit Price work will be based on the number of units completed.

14.3 Application for Progress Payment

- A. Unless otherwise prescribed by law, on the 25th of each month, the CONTRACTOR shall submit to the CITY'S REPRESENTATIVE for review, an Application for Payment filled out and signed by the CONTRACTOR covering the WORK completed as of the date of the Application and accompanied by such supporting documentation as is required by the Construction Documents.
- B. The Application for Payment shall identify, as a sub-total, the amount of the CONTRACTOR'S total earnings to date, plus the value of materials stored at the site which have not yet been incorporated in the WORK, and less a deductive adjustment for materials installed which were not previously incorporated in the WORK, but for which payment was allowed under the provisions for payment for materials stored at the site, but not yet incorporated in the WORK.

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- C. The net payment due to the CONTRACTOR shall be the above-mentioned subtotal from which shall be deducted the amount of retainage specified below and the total amount of all previous payments made to the CONTRACTOR.
 - 1. The CITY may retain 5 percent of each approved progress payment until the work is completed and accepted and release of retainage and other deduction as described in Section 14.10. occurs.
- D. The value of materials stored at the site shall be an amount equal to the specified percent of the value of such materials as set forth in the Supplementary Conditions. Said amount shall be based upon the value of all acceptable materials and equipment not incorporated in the WORK but delivered and suitably stored at the site or at another location agreed to in writing; provided, each such individual item has a value of more than \$5000 and will become a permanent part of the WORK. The Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that the CONTRACTOR has received the materials and equipment free and clear of all liens, charges, security interests, and encumbrances (which are hereinafter in these General Conditions referred to as "Liens") and evidence that the materials and equipment are covered by appropriate property insurance and other arrangements to protect the CITY'S interest therein, all of which will be satisfactory to the CITY.

14.4 Contractor's Warranty of Title

- A. The CONTRACTOR warrants and guarantees that title to all work, materials, and equipment covered by an Application for Payment, whether incorporated in the WORK or not, will pass to the CITY no later than the time of final payment free and clear of all liens.

14.5 Review of Applications for Progress Payment

- A. The CITY'S REPRESENTATIVE will, within 7 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment or return the Application to the CONTRACTOR indicating in writing the CITY's reasons for refusing to recommend payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the Application. Thirty days after presentation of the Application for Payment with the CITY recommendation, the amount recommended will (subject to the provisions of Paragraph 14.5B) become due and when due will be paid by the CITY to the CONTRACTOR.
- B. The CITY may refuse to make payment of the full amount requested by the CONTRACTOR because claims have been made against the CITY on account of the CONTRACTOR'S performance of the WORK or Liens have been filed in connection with the WORK or there are other items entitling the CITY to a credit against the amount recommended, but the CITY will give the CONTRACTOR written notice within 7 days stating the reasons for such action.

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14.6 Partial Completion

- A. The CITY shall have the right to utilize or place into service any item of equipment or other usable portion of the WORK prior to completion of the WORK. Whenever the CITY plans to exercise said right, the CONTRACTOR will be notified in writing by the CITY, identifying the specific portion or portions of the WORK to be so utilized or otherwise placed into service.
- B. It shall be understood by the CONTRACTOR that until such written notification is issued, all responsibility for care and maintenance of all items or portions of the WORK to be partially utilized shall be borne by the CONTRACTOR. Upon issuance of said written notice of partial completion, the CITY will accept responsibility for the protection and maintenance of all such items or portions of the WORK described in the written notice.
- C. The CONTRACTOR shall retain full responsibility for satisfactory completion of the WORK, regardless of whether a portion thereof has been partially utilized by the CITY and the CONTRACTOR'S one year correction period shall commence only after the date of Substantial Completion/Notice of Completion for the WORK.

14.7 Substantial Completion

- A. When the CONTRACTOR considers the WORK ready for its intended use the CONTRACTOR shall notify the CITY and the ENGINEER in writing that the WORK is substantially complete and request that the CITY'S REPRESENTATIVE prepare a Certificate of Substantial Completion/Notice of Completion. Within a reasonable time thereafter, the CONTRACTOR and the CITY'S REPRESENTATIVE shall make an inspection of the WORK to determine the status of completion. If the CITY'S REPRESENTATIVE does not consider the WORK substantially complete, the CITY'S REPRESENTATIVE will notify the CONTRACTOR in writing giving the reasons therefore. If the CITY'S REPRESENTATIVE considers the WORK substantially complete, the CITY'S REPRESENTATIVE will prepare for execution and recordation the Certificate of Substantial Completion/Notice of Completion signed by the CITY and CONTRACTOR, which shall fix the date of Substantial Completion/Notice of Completion. As applicable, there shall be attached to the Certificate/Notice a list of items to be completed or corrected before final payment.

14.8 Final Application for Payment

- A. After the CONTRACTOR has completed all correction work referred to in Paragraph 14.7 and delivered all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection, marked-up record documents (as provided in the General Requirements) and other documents, all as required by the Construction Documents, and after the ENGINEER has indicated that the WORK is acceptable, the CONTRACTOR may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied by all documentation called for in the Construction Documents, together with complete and

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legally effective releases or waivers (satisfactory to the CITY) of all liens arising out of or filed in connection with the WORK.

14.9 Final Payment and Acceptance

- A. If, on the basis of the CITY'S REPRESENTATIVE'S observation of the WORK during construction and final inspection, and the CITY'S REPRESENTATIVE'S review of the final Application for Payment and accompanying documentation, all as required by the Construction Documents, the CITY'S REPRESENTATIVE is satisfied that the WORK has been completed and the CONTRACTOR'S other obligations under the Construction Documents have been fulfilled, the CITY'S REPRESENTATIVE will, within 14 days after receipt of the final Application for Payment, indicate in writing the CITY'S REPRESENTATIVE'S recommendation of payment and present the Application to the CITY for payment.
- B. After acceptance of the WORK by the CITY'S governing body, the CITY will make final payment to the CONTRACTOR of the amount remaining after deducting all prior payments and all amounts to be kept or retained under the provisions of the Construction Documents, including the following item:

Two times the value of outstanding items of correction work or punch list items indicated on the Certificate of Substantial Completion/Notice of Completion as being yet uncompleted or uncorrected, as applicable. All such work shall be completed or corrected to the satisfaction of the CITY within the time stated on the Certificate of Substantial Completion/Notice of Completion; otherwise the CONTRACTOR does hereby waive any and all claims to all monies withheld by the CITY to cover the value of all such uncompleted or uncorrected items.

14.10 Release of Retainage and Other Deductions

- A. After executing the necessary documents to initiate the lien period, and not more than 45 days thereafter (based on a 30-day lien filing period and 15-day processing time), the CITY will release to the CONTRACTOR the retainage funds withheld pursuant to the Contract, less any deductions to cover pending claims against the CITY pursuant to Paragraph 14.5B.
- B. After filing of the necessary documents to initiate the lien period, the CONTRACTOR shall have 30 days to complete any outstanding items of correction work remaining to be completed or corrected as listed on a final punch list made a part of the Certificate of Substantial Completion/Notice of Completion. Upon expiration of the 45 days, referred to in Paragraph 14.10A, the amounts withheld pursuant to the provisions of Paragraph 14.9B herein, for all remaining work items will be returned to the CONTRACTOR; provided, that said work has been completed or corrected to the satisfaction of the CITY within said 30 days. Otherwise, the CONTRACTOR does hereby waive any and all claims for all monies withheld by the CITY under the Contract to cover 2 times the value of such remaining uncompleted or uncorrected items.

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14.11 Contractor's Continuing Obligation

- A. The CONTRACTOR'S obligation to perform and complete the WORK in accordance with the Construction Documents shall be absolute. Neither recommendation of any progress or final payment by the CITY, nor the issuance of a Certificate of Substantial Completion/Notice of Completion, nor any payment by the CITY to the CONTRACTOR under the Construction Documents, nor any use or occupancy of the WORK or any part thereof by the CITY, nor any act of acceptance by the CITY nor any failure to do so, nor any review of a Shop Drawing or sample submittal, will constitute an acceptance of work not in accordance with the Construction Documents or a release of the CONTRACTOR'S obligation to perform the WORK in accordance with the Construction Documents.

14.12 Final Payment Terminates Liability of City

- A. Final payment is defined as the last progress payment made to the CONTRACTOR for earned funds, less retainage as applicable, less deductions listed in Paragraph 14.9B herein. The acceptance by the CONTRACTOR of the final payment referred to in Paragraph 14.9 herein, shall be a release of the CITY and its agents from all claims of liability to the CONTRACTOR for anything done or furnished for, or relating to, the WORK or for any act or neglect of the CITY or of any person relating to or affecting the WORK, except demands against the CITY for the remainder, if any, of the amounts kept or retained under the provisions of Paragraph 14.9 herein; and excepting pending, unresolved claims filed prior to the date of the Certificate of Substantial Completion/Notice of Completion.

ARTICLE 15 -- SUSPENSION OF WORK AND TERMINATION

15.1 Suspension of Work by City

- A. The CITY, may, at any time and without cause, suspend the WORK or any portion thereof for a period of not more than 90 days by notice in writing to the CONTRACTOR. The CONTRACTOR shall resume the WORK on receipt from the CITY'S REPRESENTATIVE of a notice of resumption of work. The CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if the CONTRACTOR makes an approved claim therefore as provided in Articles 11 and 12.

15.2 Termination of Contract by City (Contractor Default)

- A. In the event of default by the CONTRACTOR, the CITY may give 10 days' written notice to the CONTRACTOR of CITY'S intent to terminate the Contract and provide the CONTRACTOR an opportunity to remedy the conditions constituting the default. It shall be considered a default by the CONTRACTOR whenever CONTRACTOR shall: (1) declare bankruptcy, become insolvent, or assign its assets for the benefit of its creditors; (2) fail to provide materials or workmanship meeting the requirements of the Construction Documents; (3) disregard or violate provisions of the Construction Documents or CITY'S REPRESENTATIVE'S instructions; (4) fail to prosecute the

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WORK according to the approved progress schedule; or, (5) fail to provide a qualified superintendent, competent workmen, or materials or equipment meeting the requirements of the Construction Documents. If the CONTRACTOR fails to remedy the conditions constituting default within the time allowed, the CITY may then issue the Notice of Termination.

- B. In the event the Contract is terminated in accordance with Paragraph 15.2A, herein, the CITY may take possession of the WORK and may complete the WORK by whatever method or means the CITY may select. The cost of completing the WORK shall be deducted from the balance which would have been due the CONTRACTOR had the Contract not been terminated and the WORK completed in accordance with the Construction Documents. If such cost exceeds the balance, which would have been due, the CONTRACTOR shall pay the excess amount to the CITY. If such cost is less than the balance, which would have been due, the CONTRACTOR shall not have claim to the difference.

15.3 Termination of Contract by City (For Convenience)

- A. The CITY may terminate the Contract at any time if it is found that reasons beyond the control of either the CITY or CONTRACTOR make it impossible or against the CITY'S interests to complete the WORK. In such a case, the CONTRACTOR shall have no claims against the CITY except: (1) for the value of work performed up to the date the Contract is terminated; and, (2) for the cost of materials and equipment on hand, in transit, or on definite commitment, as of the date the Contract is terminated, which would be needed in the WORK and which meet the requirements of the Construction Documents. The value of work performed and the cost of materials and equipment delivered to the site, as mentioned above, shall be determined by the CITY'S REPRESENTATIVE in accordance with the procedure prescribed for the making of the final application for payment and payment under Paragraphs 14.8 and 14.9.

15.4 Termination of Contract by Contractor

- A. The CONTRACTOR may terminate the Contract upon 10 days written notice to the CITY, whenever: (1) the WORK has been suspended under the provisions of Paragraph 15.1, herein, for more than 90 consecutive days through no fault or negligence of the CONTRACTOR, and notice to resume work or to terminate the Contract has not been received from the CITY within this time period; or, (2) the CITY should fail to pay the CONTRACTOR any monies due him in accordance with the terms of the Construction Documents and within 60 days after presentation to the CITY by the CONTRACTOR of a request therefore, unless within said 10-day period the CITY shall have remedied the condition upon which the payment delay was based. In the event of such termination, the CONTRACTOR shall have no claims against the CITY except for those claims specifically enumerated in Paragraph 15.3, herein, and as determined in accordance with the requirements of said paragraph.

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ARTICLE 16 -- MISCELLANEOUS

16.1 Giving Notice

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

16.2 Title to Materials Found On the Work

- A. The CITY reserves the right to retain title to all soils, stone, sand, gravel, and other materials developed and obtained from excavations and other operations connected with the WORK. Unless otherwise specified in the Construction Documents, neither the CONTRACTOR nor any subcontractor shall have any right, title, or interest in or to any such materials. The CONTRACTOR will be permitted to use in the WORK, without charge, any such materials, which meet the requirements of the Construction Documents.

16.3 Right to Audit

- A. If the CONTRACTOR submits a claim to the CITY for additional compensation, the CITY shall have the right, as a condition to considering the claim, and as a basis for evaluation of the claim, and until the claim has been settled, to audit the CONTRACTOR'S books to the extent they are relevant. This right shall include the right to examine books, records, documents, and other evidence and accounting procedures and practices, sufficient to discover and verify all direct and indirect costs of whatever nature claimed to have been incurred or anticipated to be incurred and for which the claim has been submitted. The right to audit shall include the right to inspect the CONTRACTOR'S plants, or such parts thereof, as may be or have been engaged in the performance of the WORK. The CONTRACTOR further agrees that the right to audit encompasses all subcontracts and is binding upon subcontractors. The rights to examine and inspect herein provided for shall be exercisable through such representatives as the CITY deems desirable during the CONTRACTOR'S normal business hours at the office of the CONTRACTOR.

The CONTRACTOR shall make available to the CITY for auditing, all relevant accounting records and documents, and other financial data, and upon request, shall submit true copies of requested records to the CITY.

(END OF SECTION)

SECTION 00800

CITYWIDE SIDEWALK IMPROVEMENTS, PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

SUPPLEMENTARY CONDITIONS

SUPPLEMENTARY CONDITIONS

SC-1 GENERAL

These Supplementary Conditions make additions, deletions, or revisions to the General Conditions as indicated herein. All provisions which are not so added, deleted, or revised remain in full force and effect. Terms used in these Supplementary Conditions which are defined in the General Conditions have the meanings assigned to them in the General Conditions.

SC-2 DUTIES, RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY OF CITY'S REPRESENTATIVE

The Senior Construction Manager shall be the designated CITY'S REPRESENTATIVE for the Project. The CITY'S REPRESENTATIVE shall act as directed by and under the supervision of the CITY and will confer with the CITY regarding its actions. The CITY'S REPRESENTATIVE'S dealings in matters pertaining to the on-site WORK shall, in general, be only with the ENGINEER, and the CONTRACTOR, and dealings with subcontractors shall only be through or with the full knowledge of the CONTRACTOR. Written communication by the CONTRACTOR with the CITY will be only through or as directed by the CITY'S REPRESENTATIVE.

SC-3 COORDINATION WITH OTHER CONTRACTORS

A. Coordination

Due to the nature of the work and its effects on other contracts and/or contractors in this project, the Contractor shall coordinate all work with the Engineer, other Contractors and utility companies.

SC-4 HOURS OF WORK

Monday to Friday 7:00 a.m. to 5:00 p.m.

SC-5 CITY-FURNISHED MATERIALS

N/A

SC-6 PHYSICAL CONDITIONS – Subsurface and Existing Structures

N/A

SC-7 PHYSICAL CONDITIONS – Underground Utilities

N/A

SECTION 00800

**CITYWIDE SIDEWALK IMPROVEMENTS, PS 24-08
CUPCCAA INFORMAL BID SOLICITATION**

SUPPLEMENTARY CONDITIONS

SC-8 BONDS

N/A

SC-9 INSURANCE

N/A

SC-10 SUBCONTRACTOR'S INSURANCE REQUIREMENTS

N/A

SC-11 BUILDER'S RISK INSURANCE

N/A

SC-12 PERMITS

The City will pay for all permits associated with this work.

SC-13 COORDINATION OF PARTIES

N/A

SC-14 EQUIPMENT

N/A

SC-15 INCLEMENT WEATHER DELAYS

N/A

SC-16 TESTS AND INSPECTION, OUTSIDE AGENCIES

N/A

SC-17 TESTS AND INSPECTION, CITY OF LATHROP

N/A

SC-18 APPLICATION FOR PROGRESS PAYMENT

N/A

(END OF SECTION)

ATTACHMENT A

CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

PROJECT PLANS

Unrepaired Sidewalk Reports

ATTACHMENT A

LEGEND: WW=Walkway SW=Sidewalk CSW=City Sidewalks DW=Driveway GB=Gutter Bed R&R=Remove and Replace ATTN=Attention OG=Old Grind OC=Old Cut AP=Asphalt Patch ASPCUT=Asphalt Cut XCUT=Crossed Lift LCUT=Slab lifter									
No.	Cat.	Max Ht. (1/8 of In.)	Min Ht.	Length	Latitude	Longitude	Description	R&R SqFt	Inch Feet
69	Phase 1	6	3	8.5	37.80419379	-121.304759	CSW 17238 Cottage Gate Ln on Mckee Blvd : by palm tree LCUT		4.78
85	Phase 1	6	0	3	37.80231227	-121.30511	CSW 387 American Farms Ave : after lp at 5th tree XCUT		1.13
90	Phase 1	6	0	3.5	37.80223117	-121.305143	CSW 397 American Farms Ave : after lp at 5th tree XCUT		1.31
118	Phase 1	6	4	2.5	37.80429006	-121.303714	CSW 390 Towne Centre Dr : before dw entrance at planter		1.56
122	Phase 1	6	5	4.5	37.80452119	-121.305166	CSW 17196 Epling Oak Ln on Towne Centre Dr : by ramp		3.09
127	Phase 1	6	5	4.5	37.80454072	-121.30583	CSW 17192 Blue Oak Ln on Towne Centre Dr : at sewer cover		3.09
128	Phase 1	6	5	4.5	37.80453481	-121.305852	CSW 17192 Blue Oak Ln on Towne Centre Dr : at sewer cover		3.09
192	Phase 1	6	1	5	37.80095291	-121.305107	Add on Csw corner of American Farms Ave and McKee st fire hydrant		2.19
7	Phase 1	6	2	5.5	37.8112579	-121.30077	350 Craftsman Ct :		2.75
82	Phase 1	6	3	5	37.80968809	-121.301787	16702 Lorina Ct :		2.81
117	Phase 1	6	2	17	37.80977803	-121.305166	16701 English Country Tr : ASPCUT		8.50
121	Phase 1	6	2	5	37.80969794	-121.305091	16701 English Country Tr :		2.50
171	Phase 1	6	0	3	37.80855616	-121.301265	253 Victorian Tr : XCUT		1.13
177	Phase 1	6	4	5	37.80862384	-121.302884	391 Victorian Tr :		3.13
224	Phase 1	6	0	5	37.80682546	-121.301749	16983 Tulip Tree Way :		1.88
244	Phase 1	6	3	14	37.80853931	-121.302476	365 Victorian Tr on Pecan Hollow Way : ASPCUT		7.88
248	Phase 1	6	2	15	37.80791142	-121.302425	16879 Pecan Hollow Way : ASPCUT		7.50
253	Phase 1	6	4	15	37.80730021	-121.302485	16939 Pecan Hollow Way : ASPCUT		9.38
256	Phase 1	6	4	5	37.80701493	-121.302461	16967 Pecan Hollow Way :		3.13
261	Phase 1	6	3	5	37.80623743	-121.302608	17049 Pecan Hollow Way :		2.81
281	Phase 1	6	3	15.5	37.80611183	-121.30245	17048 Pecan Hollow Way : ASPCUT		8.72
292	Phase 1	6	3	14	37.80722029	-121.302276	16942 Pecan Hollow Way : ASPCUT		7.88
309	Phase 1	6	0	3	37.80787651	-121.30291	378 Americana Way : XCUT		1.13
348	Phase 1	6	0	4	37.80579499	-121.301461	236 Finchwood Dr :		1.50
349	Phase 1	6	0	3	37.80580182	-121.301407	236 Finchwood Dr : XCUT		1.13
384	Phase 1	6	5	5	37.80724393	-121.301945	16941 Tulip Tree Way on Shadowberry Ln :		3.44
462	Phase 1	6	0	3.5	37.80547308	-121.306105	559 Danbury Pl : XCUT		1.31
464	Phase 1	6	0	4	37.80544231	-121.30616	559 Danbury Pl :		1.50
505	Phase 1	6	1	5	37.80455579	-121.306766	17187 Atlantic Oak Ln on Andover Way : JUMP		2.19
517	Phase 1	6	4	15	37.80546059	-121.30681	17092 Andover Way : ASPCUT		9.38
524	Phase 1	6	0	3.5	37.80586037	-121.306812	17050 Andover Way : XCUT		1.31
619	Phase 1	6	0	3.5	37.80707755	-121.304712	16958 Belchase Rd : XCUT		1.31
647	Phase 1	6	0	2	37.81002773	-121.306923	16659 Ore Claim Tr : OG XCUT		0.75
658	Phase 1	6	2	16	37.80987836	-121.307699	16690 40 Niner Tr : ASPCUT		8.00
666	Phase 1	6	2	15	37.80875544	-121.30686	16809 40 Niner Tr : ASPCUT		7.50
687	Phase 1	6	2	15	37.80937586	-121.308623	16721 Gold Nugget Tr : ASPCUT		7.50
697	Phase 1	6	0	3	37.80766072	-121.306993	16895 Gold Nugget Tr : XCUT		1.13
709	Phase 1	6	3	15	37.80814561	-121.308235	703 Green Pz : ASPCUT JUMP		8.44
830	Phase 1	6	0	16	37.80720428	-121.309846	16945 Rail Way on Village Ave : ASPCUT		6.00
871	Phase 1	6	0	3	37.80595236	-121.311838	17111 Western Coach Dr : XCUT		1.13
891	Phase 1	6	3	5	37.80457974	-121.307657	17198 Golden Spike Tr :		2.81
927	Phase 1	6	0	3.5	37.80913544	-121.306297	16725 Ore Claim Tr on Village Ave : OG		1.31
935	Phase 1	6	3	15	37.80978926	-121.305228	16701 English Country Tr on Village Ave : ASPCUT		8.44
949	Phase 1	6	0	4	37.80867396	-121.307381	16816 Gold Nugget Tr on Village Ave :		1.50
972	Phase 1	6	3	5	37.80972413	-121.302637	381 Johnson Ferry Rd :		2.81
1059	Phase 1	6	0	3	37.80769341	-121.305726	515 Carnaby Rd on Johnson Ferry Rd :		1.13
1133	Phase 1	6	0	3.5	37.80152324	-121.303903	17478 Pheasant Downs Rd : XCUT		1.31
1272	Phase 1	6	0	4.5	37.80004781	-121.307521	539 Brookhurst Blvd :		1.69
1283	Phase 1	6	0	5	37.80014307	-121.30929	17686 Wheat Field St on Brookhurst Blvd :		1.88
1314	Phase 1	6	0	11	37.79992552	-121.308942	17701 Strawberry Glen St on Brookhurst Blvd : XCUT		4.13
1323	Phase 1	6	2	5	37.79991324	-121.30852	17706 Strawberry Glen St on Brookhurst Blvd :		2.50
1345	Phase 1	6	4	5	37.79972452	-121.306145	17707 Daffodil Hill St : JUMP		3.13
1371	Phase 1	6	5	4	37.79933791	-121.307094	17737 Golden Spike Tr : CURBCUT		2.75
1389	Phase 1	6	0	5	37.79748169	-121.307015	17970 Hidden Well Ln on Golden Spike Tr :		1.88
1425	Phase 1	6	0	3	37.7987648	-121.305909	369 Scrub Oak Dr : XCUT		1.13
1457	Phase 1	6	5	5	37.79824294	-121.309967	17892 Late Harvest Pl : OG		3.44
1481	Phase 1	6	0	2	37.79912832	-121.310673	752 Clover Ln on Lake Harvest Pl : OG XCUT		0.75
1484	Phase 1	6	0	2	37.79902367	-121.310623	731 Honeycomb Ln on Lake Harvest Pl : OG XCUT		0.75
1513	Phase 1	6	4	5	37.79764418	-121.308786	17972 Early Frost Ln on Grapevine Pl :		3.13
1514	Phase 1	6	0	2	37.79763709	-121.30876	17972 Early Frost Ln on Grapevine Pl : XCUT		0.75
1556	Phase 1	6	0	2.5	37.7989103	-121.308891	17796 Strawberry Glen St : XCUT		0.94
1570	Phase 1	6	0	5	37.79929809	-121.308946	17757 Strawberry Glen St :		1.88
1574	Phase 1	6	0	16	37.79857737	-121.309277	17817 Wheat Field St on Strawberry Glen St :		6.00
1588	Phase 1	6	3	5	37.79816679	-121.308806	17892 Late Harvest Pl on Strawberry Glen St : OG		2.81
1607	Phase 1	6	2	5	37.79868324	-121.309032	601 Cold Springs St on Strawberry Glen St : OG		2.50
1622	Phase 1	6	0	2.5	37.79844054	-121.307591	17842 Almond Orchard Way on Cold Springs St : XCUT		0.94
1623	Phase 1	6	0	2.5	37.79847692	-121.307594	17842 Almond Orchard Way on Cold Springs St : XCUT		0.94
1626	Phase 1	6	0	2	37.79844645	-121.307656	17842 Almond Orchard Way on Cold Springs St : OG XCUT		0.75
1678	Phase 1	6	0	3	37.80045459	-121.309822	17679 Wheat Field St : XCUT		1.13
1685	Phase 1	6	4	5	37.79991339	-121.309781	17703 Wheat Field St :		3.13
1692	Phase 1	6	0	3	37.79865382	-121.309356	17817 Wheat Field St : OG		1.13
1696	Phase 1	6	0	2.5	37.79845965	-121.309093	612 Cold Springs St : OG XCUT		0.94
1711	Phase 1	6	3	5	37.79830664	-121.307268	498 Cold Springs St : OG		2.81
1714	Phase 1	6	0	4	37.79834788	-121.306547	17872 Golden Spike Tr on Cold Springs St : OG		1.50
1763	Phase 1	6	2	5	37.79867905	-121.308032	551 Cold Springs St on Almond Orchard Way :		2.50
1767	Phase 1	6	0	3.5	37.80063828	-121.307707	558 Bramblewood Ave :		1.31
1823	Phase 1	6	0	4	37.80112648	-121.311169	790 Bramblewood Ave : OG		1.50
1855	Phase 1	6	1	5	37.80085713	-121.310583	17618 Red Barley Ct : OG		2.19
1866	Phase 1	6	0	2	37.80087104	-121.309225	676 Bramblewood Ave : OG XCUT		0.75
1885	Phase 1	6	0	3	37.80072314	-121.308101	576 Bramblewood Ave : XCUT		1.13
1911	Phase 1	6	3	5	37.79430185	-121.304177	242 Garry Oak Pl :		2.81
1934	Phase 1	6	0	3.5	37.79549723	-121.30433	261 Emory Oak Pl : XCUT		1.31
1948	Phase 1	6	4	5	37.79448948	-121.304317	247 Garry Oak Pl on Schumard Oak Rd :		3.13

ATTACHMENT A

LEGEND: WW=Walkway SW=Sidewalk CSW=City Sidewalks DW=Driveway GB=Gutter Bed R&R=Remove and Replace ATTN=Attention OG=Old Grind OC=Old Cut AP=Asphalt Patch ASCUT=Asphalt Cut XCUT=Crossed Lift LCUT=Slab lifter										
No.	Cat.	Max Ht. (1/8 of in.)	Min Ht.	Length	Latitude	Longitude	Description	R&R SqFt	Inch Feet	
25	Phase 2	10	5	19	37.84220619	-121.276935	13203 Lagoon Way on Brookfield Ave : ASPCUT		17.81	
42	Phase 2	7	4	12.5	37.84189555	-121.278792	13223 Christie Falls Way : ASPCUT		8.59	
50	Phase 2	6	0	6.5	37.84191634	-121.279436	12980 Goldstone St : ASPCUT		2.44	
60	Phase 2	6	0	12	37.84127768	-121.279805	648 Olivine Ave on Goldstone St : ASPCUT		4.50	
62	Phase 2	8	3	13.8	37.84100418	-121.279982	648 Olivine Ave on Goldstone St : ASPCUT		9.49	
64	Phase 2	8	3	14	37.84096495	-121.279866	13198 Goldstone St : ASPCUT		9.63	
69	Phase 2	7	2	11	37.84169489	-121.280534	519 Olivine Ave : ASPCUT		6.19	
70	Phase 2	7	0	10	37.84171698	-121.280648	497 Olivine Ave : ASPCUT		4.38	
87	Phase 2	6	0	11	37.84109416	-121.282786	212 Olivine Ave on Spar St : ASPCUT		4.13	
95	Phase 2	8	0	9	37.84176869	-121.282822	217 Olivine Ave on Spar St : OC		4.50	
106	Phase 2	10	0	9	37.84043333	-121.279273	830 Waterman Ave : OC		5.63	
107	Phase 2	8	2	13.5	37.84038677	-121.279337	830 Waterman Ave : ASPCUT		8.44	
147	Phase 2	9	4	11	37.84076622	-121.277707	13288 Emerald Bay Ct on Waterman Ave : ASPCUT		8.94	
148	Phase 2	6	2	11	37.84073093	-121.277855	13283 Emerald Bay Ct on Waterman Ave : ASPCUT		5.50	
167	Phase 2	6	1	4.5	37.84152968	-121.276792	13248 Lagoon Way :		1.97	
185	Phase 2	6	0	4	37.84129415	-121.276946	13253 Lagoon Way :		1.50	
186	Phase 2	6	0	4	37.84124005	-121.276959	13253 Lagoon Way :		1.50	
197	Phase 2	8	5	4.5	37.83839024	-121.276709	950 Kirkwood Ave : OG		3.66	
201	Phase 2	8	3	4.5	37.83839502	-121.27626	970 Kirkwood Ave : OG		3.09	
202	Phase 2	8	3	4.5	37.83841903	-121.276207	970 Kirkwood Ave : OG		3.09	
215	Phase 2	11	4	11	37.8385218	-121.276812	13470 Baywood Way on Kirkwood Way : ASPCUT		10.31	
223	Phase 2	9	3	4.5	37.8389829	-121.27734	905 Kirkwood Ave :		3.38	
232	Phase 2	9	4	12	37.83811892	-121.278211	13490 Brookwood Way on Kirkwood Way : ASPCUT		9.75	
233	Phase 2	10	3	12	37.83806544	-121.278379	13495 Brookwood Way on Kirkwood Way : ASPCUT		9.75	
238	Phase 2	8	0	18	37.8378432	-121.278752	13495 Brookwood Way on Kirkwood Way : OC		9.00	
240	Phase 2	6	0	5	37.83786155	-121.27879	13495 Brookwood Way on Kirkwood Way : OC		1.88	
243	Phase 2	10	3	4.5	37.83841996	-121.278509	13470 Brookwood Way :		3.66	
244	Phase 2	7	4	5.5	37.83849451	-121.278556	13470 Brookwood Way : Crack		3.78	
246	Phase 2	6	4	4.5	37.83890145	-121.278566	13450 Brookwood Way :		2.81	
264	Phase 2	7	3	4.5	37.83988587	-121.278056	13385 Applewood Way on Englewood Way :		2.81	
268	Phase 2	12	4	12	37.8398945	-121.277904	13385 Applewood Way on Englewood Way : ASPCUT		12.00	
269	Phase 2	7	3	12	37.83989408	-121.277695	13380 Applewood Way on Englewood Way : ASPCUT		7.50	
285	Phase 2	6	2	4.5	37.83982086	-121.276602	13390 Baywood Way on Englewood Way :		2.25	
286	Phase 2	9	4	4.5	37.83987962	-121.276544	13390 Baywood Way on Englewood Way : OG		3.66	
287	Phase 2	7	3	4.5	37.83988893	-121.276495	13390 Baywood Way on Englewood Way : OG		2.81	
291	Phase 2	9	3	4.5	37.83989655	-121.276344	13395 Forestwood Way on Englewood Way : OG		3.38	
298	Phase 2	7	1	4.5	37.84000933	-121.276646	951 Englewood Ave :		2.25	
317	Phase 2	8	0	4	37.84007567	-121.278653	831 Englewood Ave : OC		2.00	
322	Phase 2	8	4	14	37.83938224	-121.278699	13405 Brookwood Way : ASPCUT		10.50	
329	Phase 2	6	1	4.5	37.83924922	-121.279045	13425 Brookwood Way on Deerwood Way : LCUT		1.97	
330	Phase 2	6	0	2.5	37.83923589	-121.279052	13425 Brookwood Way on Deerwood Way : OC LCUT XCUT		0.94	
331	Phase 2	6	0	2.5	37.83924624	-121.279054	13425 Brookwood Way on Deerwood Way : OC XCUT		0.94	
336	Phase 2	10	0	3	37.83922386	-121.278782	13425 Brookwood Way on Deerwood Way : XCUT		1.88	
337	Phase 2	8	0	9	37.83922353	-121.278802	13425 Brookwood Way on Deerwood Way : OC XCUT		4.50	
340	Phase 2	8	5	14	37.83926091	-121.278719	13425 Brookwood Way : ASPCUT		11.38	
409	Phase 2	7	1	4.5	37.83780326	-121.276555	959 Platinum Ave :		2.25	
410	Phase 2	6	1	4.5	37.83778888	-121.276645	959 Platinum Ave :		1.97	
419	Phase 2	6	0	5	37.83702994	-121.277441	13541 Gypsum Way : OC		1.88	
423	Phase 2	7	2	5	37.83690522	-121.277751	13541 Gypsum Way on Iron Way : OC		2.81	
424	Phase 2	6	0	11	37.83675309	-121.27765	13551 Gypsum Way on Iron Way : OC		4.13	
467	Phase 2	7	0	33	37.84053714	-121.283449	105 Travertine Ave : OC		14.44	
511	Phase 2	6	2	14	37.83850512	-121.283698	91 Magnitite Ave : ASPCUT		7.00	
512	Phase 2	11	0	33	37.83848572	-121.284622	55 Magnitite Ave : OC		22.69	
541	Phase 2	6	0	16	37.83945282	-121.281782	13393 Talc St on Deerwood Way : OC XCUT		6.00	
547	Phase 2	6	0	3	37.83942096	-121.279645	13398 Parkhaven St : OC		1.13	
557	Phase 2	6	3	14	37.83940919	-121.281383	13393 Talc St : ASPCUT		7.88	
558	Phase 2	7	3	12	37.83939863	-121.281219	13394 Talc St : ASPCUT		7.50	
573	Phase 2	10	3	4.5	37.83947519	-121.281809	13393 Talc St on Opal St : OC LCUT		3.66	
574	Phase 2	12	5	5.5	37.83946501	-121.281782	13393 Talc St on Opal St : OC LCUT		5.84	
579	Phase 2	12	1	5.5	37.83957268	-121.281798	13393 Talc St on Opal St : OG		4.47	
581	Phase 2	8	3	5	37.83960009	-121.281787	13393 Talc St on Opal St : OC		3.44	
589	Phase 2	6	6	5	37.83960206	-121.281959	13398 Pipestone St on Opal St :		3.75	
591	Phase 2	7	3	15	37.83947515	-121.28197	13398 Pipestone St on Opal St : ASPCUT		9.38	
595	Phase 2	7	0	4	37.83842423	-121.282309	13472 Pipestone St on Opal St : OC		1.75	
599	Phase 2	7	0	4	37.8380465	-121.282367	180 Magnitite Ave on Opal St : OC		1.75	
608	Phase 2	7	0	10	37.83695668	-121.282347	13550 Arkose St on Opal St : ASPCUT		4.38	
619	Phase 2	8	6	5	37.83631953	-121.282332	13586 Arkose St on Opal St : OC		4.38	
622	Phase 2	6	0	9	37.83959987	-121.282322	278 Siltstone Ave on Opal St :		3.38	
624	Phase 2	8	3	13	37.83594034	-121.28212	278 Siltstone Ave on Opal St : across from ASPCUT		8.94	
655	Phase 2	6	3	11.5	37.83706531	-121.282923	265 Gaar Ct : ASPCUT		6.47	
662	Phase 2	8	3	11.5	37.8369343	-121.282872	264 Gaar Ct : ASPCUT		7.91	
663	Phase 2	7	2	12.5	37.83694499	-121.282668	13550 Arkose St : ASPCUT		7.03	
668	Phase 2	6	0	11	37.83709834	-121.282714	13542 Arkose St : ASPCUT		4.13	
685	Phase 2	6	0	14	37.83595647	-121.284121	168 Siltstone Ave on Rosewood St : ASPCUT		5.25	
688	Phase 2	6	2	12.5	37.83621656	-121.284093	168 Siltstone Ave : ASPCUT		6.25	
695	Phase 2	6	2	11	37.8357261	-121.284296	177 Ravenwood Ct on Rosewood St : ASPCUT JUMP		5.50	
703	Phase 2	8	5	11	37.83540058	-121.284331	177 Ravenwood Ct : ASPCUT		8.94	
714	Phase 2	6	0	4.5	37.83471549	-121.284306	179 Castlewood Ave on Rosewood St : ASPCUT		1.69	
715	Phase 2	8	5	11.5	37.83468745	-121.284074	13700 Rosewood St : ASPCUT		9.34	
721	Phase 2	11	7	11	37.83573008	-121.284131	13688 Rosewood St : ASPCUT		12.38	
744	Phase 2	8	0	11.5	37.83574525	-121.279711	759 Boulder Ave on Stonebridge Ln : ASPCUT		5.75	
749	Phase 2	7	3	5	37.83576101	-121.279354	765 Boulder Ave on Stonebridge Ln : OC		3.13	
756	Phase 2	6	0	4.5	37.83577165	-121.278231	825 Boulder Ave on Stonebridge Ln : OC		1.69	
761	Phase 2	7	0	6	37.83582395	-121.277647	837 Boulder Ave on Stonebridge Ln : ASPCUT		2.63	
762	Phase 2	8	0	13	37.83596062	-121.277739	751 Stonebridge Ave : ASPCUT		6.50	
794	Phase 2	6	2	2	37.8358263	-121.285501	161 Ravenwood Ct on Stonebridge Ln : Crack		1.00	
795	Phase 2	7	0	1	37.835824	-121.285488	161 Ravenwood Ct on Stonebridge Ln :		0.44	
801	Phase 2	12	0	5	37.83719884	-121.278233	751 Stonebridge Ave on Slate St : OC		3.75	
807	Phase 2	7	2	5	37.83646011	-121.27784	751 Stonebridge Ave on Slate St : OC		2.81	

ATTACHMENT A

No.	Cat.	Max Ht. (1/8 of in.)	Min Ht. (1/8)	Length (Feet)	Latitude	Longitude	Description	R&R SqFt	Inch Feet
812	Phase 2	10	3	5	37.83575535	-121.277498	901 Boulder Ave on Slate St : OG		4.06
814	Phase 2	7	3	4.5	37.83580698	-121.27751	901 Boulder Ave on Slate St : OG		2.81
818	Phase 2	6	0	3	37.83588803	-121.27751	13591 Gypsum Way on Spate St : OG		1.13
820	Phase 2	11	0	2	37.83613232	-121.277611	13581 Gypsum Way on Spate St : OC XCUT		1.38
821	Phase 2	11	0	3	37.83611158	-121.277597	13581 Gypsum Way on Spate St : OC XCUT		2.06
823	Phase 2	7	0	3	37.83613966	-121.277601	13581 Gypsum Way on Spate St : OC XCUT		1.31
825	Phase 2	6	0	3	37.83624154	-121.27759	13581 Gypsum Way on Spate St : OC XCUT		1.13
826	Phase 2	7	0	3	37.83618337	-121.27755	13581 Gypsum Way on Spate St : OC XCUT		1.31
831	Phase 2	6	0	2.5	37.83640226	-121.277614	13571 Gypsum Way on Spate St : OC		0.94
836	Phase 2	6	5	5.5	37.83669379	-121.277727	13551 Gypsum Way on Spate St : OC		3.78
838	Phase 2	10	0	5	37.83690245	-121.277811	13541 Gypsum Way on Spate St : OC LCUT		3.13
843	Phase 2	9	0	2	37.83701561	-121.277856	13531 Gypsum Way on Spate St : OC XCUT		1.13
844	Phase 2	8	0	3	37.83701653	-121.277855	13531 Gypsum Way on Spate St : OC XCUT		1.50
849	Phase 2	7	5	5	37.83710739	-121.277968	13521 Gypsum Way on Spate St : OC		3.75
850	Phase 2	6	3	5	37.83715588	-121.27801	13521 Gypsum Way on Spate St : OC		2.81
852	Phase 2	8	5	5	37.83724062	-121.278032	13521 Gypsum Way on Spate St : OG		4.06
857	Phase 2	10	3	5	37.83735336	-121.278128	13511 Gypsum Way on Spate St : OC		4.06
858	Phase 2	10	0	3.5	37.83735751	-121.278163	13511 Gypsum Way on Spate St : OC		2.19
860	Phase 2	6	0	2.5	37.8373837	-121.278239	13511 Gypsum Way on Spate St : OG XCUT		0.94
861	Phase 2	8	0	3	37.83739858	-121.27823	13511 Gypsum Way on Spate St : OG XCUT		1.50
863	Phase 2	8	2	5	37.8374518	-121.278279	830 Kirkwood Ave on Slate St : OG		3.13
864	Phase 2	8	0	3	37.83748546	-121.278309	830 Kirkwood Ave on Slate St : OG XCUT		1.50
865	Phase 2	6	0	2.5	37.83748047	-121.278308	830 Kirkwood Ave on Slate St : OG XCUT		0.94
866	Phase 2	11	11	5	37.83753013	-121.278343	830 Kirkwood Ave on Slate St : OC		6.88
868	Phase 2	7	0	3	37.83755591	-121.278376	830 Kirkwood Ave on Slate St : OC XCUT		1.31
871	Phase 2	7	0	4	37.83766508	-121.278453	830 Kirkwood Ave on Slate St : OC		1.75
872	Phase 2	6	0	5	37.83788012	-121.27871	13495 Brookwood Way on Slate St : OC LCUT		1.88
873	Phase 2	8	2	6	37.83788481	-121.278734	13495 Brookwood Way on Slate St : OC LCUT		3.75
897	Phase 2	6	0	2	37.83854531	-121.279044	13465 Brookwood Way on Slate St : XCUT		0.75
898	Phase 2	9	0	3	37.838543	-121.279059	13465 Brookwood Way on Slate St : XCUT		1.69
902	Phase 2	7	0	4	37.83859388	-121.279081	13455 Brookwood Way on Slate St :		1.75
903	Phase 2	6	0	4.5	37.83862711	-121.279116	13455 Brookwood Way on Slate St :		1.69
906	Phase 2	10	3	5	37.83872623	-121.279097	13455 Brookwood Way on Slate St : OC		4.06
913	Phase 2	6	0	3	37.83902312	-121.279064	13435 Brookwood Way on Slate St : OC XCUT		1.13
919	Phase 2	10	0	5	37.83917248	-121.279047	13425 Brookwood Way on Slate St : Crack OG		3.13
922	Phase 2	10	0	6	37.83938442	-121.279024	13405 Brookwood Way on Slate St : OC		3.75
935	Phase 2	8	0	3.5	37.83983775	-121.279095	13375 Brookwood Way on Slate St : OC XCUT		1.75
937	Phase 2	6	3	5	37.83989965	-121.279051	13375 Brookwood Way on Slate St : OG		2.81
950	Phase 2	9	0	5	37.84037038	-121.279283	830 Waterman Ave on Slate St :		2.81
951	Phase 2	11	0	2.5	37.84038207	-121.279286	830 Waterman Ave on Slate St : OC XCUT		1.72
952	Phase 2	9	0	3	37.84038832	-121.279292	830 Waterman Ave on Slate St : XCUT		1.69
953	Phase 2	6	0	4	37.84039616	-121.279315	830 Waterman Ave on Slate St : OC		1.50
965	Phase 2	9	0	2	37.84082803	-121.279765	13198 Goldstone St on Slate St : OC XCUT		1.13
975	Phase 2	9	0	2.5	37.84115438	-121.28032	598 Olivine Ave on Slate St : OG XCUT		1.41
976	Phase 2	8	0	2.5	37.84115279	-121.280322	598 Olivine Ave on Slate St : OG XCUT		1.25
988	Phase 2	6	0	3.5	37.84124756	-121.280708	502 Olivine Ave on Slate St : OG XCUT		1.31
1000	Phase 2	12	0	4	37.84130647	-121.281154	400 Olivine Ave on Slate St : OC XCUT		3.00
1003	Phase 2	12	0	3.5	37.84126926	-121.281226	400 Olivine Ave on Slate St : XCUT		2.63
1008	Phase 2	8	7	5	37.84127739	-121.281409	376 Olivine Ave on Slate St : OC		4.69
1011	Phase 2	12	1	5	37.84128384	-121.281684	310 Olivine Ave on Slate St : OG		4.06
1016	Phase 2	7	0	6	37.84124156	-121.281912	290 Olivine Ave on Slate St : ATCURB		2.63
1018	Phase 2	7	1	5	37.841253	-121.282065	272 Olivine Ave on Slate St : OG		2.50
1019	Phase 2	12	0	5	37.84125031	-121.282082	272 Olivine Ave on Slate St : OG		3.75
1020	Phase 2	11	0	3.5	37.84122086	-121.282188	272 Olivine Ave on Slate St : OG XCUT		2.41
1022	Phase 2	8	2	5	37.84121528	-121.282318	264 Olivine Ave on Slate St : OG		3.13
1026	Phase 2	8	0	3.5	37.8411763	-121.282393	230 Olivine Ave on Slate St : OG XCUT		1.75
1027	Phase 2	8	0	4	37.84117207	-121.282437	230 Olivine Ave on Slate St : OG		2.00
1030	Phase 2	11	0	4	37.84110216	-121.282651	212 Olivine Ave on Slate St : OG		2.75
1031	Phase 2	10	1	5	37.84109248	-121.282689	212 Olivine Ave on Slate St : OG		3.44
1055	Phase 2	6	1	4.5	37.84099362	-121.280272	595 Carnelian Ave on Slate St :		1.97
1058	Phase 2	11	5	5	37.8409337	-121.280043	621 Carnelian Ave on Slate St : OC		5.00
1061	Phase 2	10	5	5	37.84078315	-121.279902	621 Carnelian Ave on Slate St : OC		4.69
1075	Phase 2	7	2	4.5	37.8398274	-121.279257	13344 Parkhaven St on Slate St :		2.53
1080	Phase 2	6	0	4	37.83954493	-121.279223	13398 Parkhaven St on Slate St : OC		1.50
1107	Phase 2	10	6	12	37.83445842	-121.276128	940 Onyx Ave on Redstone St : ASPCUT		12.00
1140	Phase 2	7	0	10	37.8356067	-121.276019	981 Boulder Ave : CURBCUT		4.38
1189	Phase 2	10	3	12	37.83517838	-121.280792	13609 Flagstone St : ASPCUT		9.75
1204	Phase 2	7	0	11.5	37.83504251	-121.280776	13621 Flagstone St : ASPCUT		5.03
1227	Phase 2	6	2	4.5	37.83535063	-121.280421	730 Boulder Ave :		2.25
1247	Phase 2	6	0	10	37.83529351	-121.278971	800 Boulder Ave :		3.75
1256	Phase 2	6	3	4.5	37.83533859	-121.277954	830 Boulder Ave :		2.53
1262	Phase 2	6	5	4.5	37.835495	-121.276848	13600 Onyx Ct on Boulder Ave : PATCH		3.09
1274	Phase 2	7	0	4	37.8389825	-121.277481	842 Granite Ave :		1.75
1280	Phase 2	6	2	4.5	37.83403568	-121.277184	13731 Pinecrest St on Granite Ave :		2.25
1286	Phase 2	6	3	4.5	37.83401879	-121.278097	825 Granite Ave : OG		2.53
1289	Phase 2	7	0	3.5	37.83403442	-121.27828	819 Granite Ave : OG		1.53
1290	Phase 2	12	0	4.5	37.83402897	-121.278317	819 Granite Ave : OG		3.38
1301	Phase 2	6	2	4.5	37.83456269	-121.280421	736 Limestone Ave : OG		2.25
1302	Phase 2	10	7	4.5	37.83456956	-121.280357	736 Limestone Ave : OG		4.78
1336	Phase 2	8	4	11.5	37.83414078	-121.277985	825 Granite Ave : ASPCUT		8.63
1337	Phase 2	7	3	11.5	37.83405437	-121.277853	13740 Peridot St : ASPCUT		7.19
1354	Phase 2	6	2	4.5	37.8347702	-121.27816	825 Limestone Ave :		2.25
1367	Phase 2	6	2	10	37.83475876	-121.278969	801 Limestone Ave : ASPCUT		5.00
1370	Phase 2	8	0	6	37.83472443	-121.279228	771 Limestone Ave :		3.00
1389	Phase 2	7	4	12	37.83405898	-121.277094	13731 Pinecrest St : ASPCUT		8.25
1391	Phase 2	6	0	2.5	37.83389863	-121.277184	854 Granite Ave : XCUT		0.94
1432	Phase 2	8	4	0.12	37.83464898	-121.276913	13640 Onyx Ct : ASPCUT		0.09
1437	Phase 2	6	0	7.5	37.83466813	-121.276933	13640 Onyx Ct :		2.81
1452	Phase 2	6	2	4.5	37.83314958	-121.276138	926 Pinecrest Ct :		2.25
1468	Phase 2	6	2	4.5	37.83216785	-121.28043	14111 Southport St :		2.25
1511	Phase 2	6	2	4	37.8324903	-121.279188	750 Quaker Ridge Ct :		2.00
1521	Phase 2	6	0	10	37.83265305	-121.278549	780 Quaker Ridge Ct : to asphalt		3.75
1530	Phase 2	9	3	4	37.83567052	-121.281626	13551 Jasper St : OG		3.00
1557	Phase 2	9	2	5	37.83130795	-121.280965	14315 Jasper St : OC		3.44

ATTACHMENT A

No.	Cat.	Max Ht. (1/8 of in.)	Min Ht. (1/8)	Length (Feet)	Latitude	Longitude	Description	R&R SqFt	Inch Feet
1566	Phase 2	7	6	4.5	37.83232484	-121.281141	14110 Jasper St : OG		3.66
1567	Phase 2	10	8	4.5	37.83259416	-121.281157	14094 Jasper St : OG		5.06
1569	Phase 2	6	3	4.5	37.83312544	-121.281213	14070 Jasper St : OG		2.53
1583	Phase 2	9	3	4.5	37.83494461	-121.281496	13634 Jasper St : OG		3.38
1585	Phase 2	6	0	7.5	37.83500911	-121.281506	13634 Jasper St :		2.81
1604	Phase 2	12	11	4	37.83478439	-121.283418	13685 Havenwood St : OG		5.75
1607	Phase 2	8	4	11.5	37.83460539	-121.283441	198 Castlewood Ave on Havenwood Ave : ASPCUT		8.63
1608	Phase 2	7	4	4.5	37.83446395	-121.283434	198 Castlewood Ave on Havenwood Ave : OG		3.09
1610	Phase 2	7	0	2	37.83438558	-121.283398	198 Castlewood Ave on Havenwood Ave : OG XCUT		0.88
1612	Phase 2	8	0	3	37.83431781	-121.283398	198 Castlewood Ave on Havenwood Ave : OG XCUT		1.50
No.	Cat.	Max Ht. (1/8 of in.)	Min Ht. (1/8)	Length (Feet)	Latitude	Longitude	Description	R&R SqFt	Inch Feet
1621	Phase 2	6	1	4.5	37.83481117	-121.283307	13682 Havenwood St :		1.97
1657	Phase 2	6	3	11	37.83465782	-121.283446	13685 Havenwood St on Castlewood Ave : ASPCUT JUMP		6.19
1660	Phase 2	6	0	10.5	37.8347499	-121.284102	13700 Rosewood St on Castlewood Ave :		3.94
1662	Phase 2	9	5	11.5	37.83470459	-121.284094	13700 Rosewood St on Castlewood Ave : ASPCUT		10.06
1680	Phase 2	8	0	6	37.83458109	-121.283474	198 Castlewood Ave : OG		3.00
1681	Phase 2	11	0	9	37.83457195	-121.283459	198 Castlewood Ave : OG XCUT		6.19
1683	Phase 2	9	4	11.5	37.8345652	-121.283461	198 Castlewood Ave : ASPCUT		9.34
1687	Phase 2	10	0	2.5	37.83387545	-121.285801	150 Shadywood Ave :		1.56
1730	Phase 2	6	3	11	37.83399863	-121.283244	231 Shadywood Ave : ASPCUT		6.19
1731	Phase 2	7	1	10	37.83401891	-121.283431	197 Shadywood Ave : ASPCUT		5.00
1742	Phase 2	6	1	12	37.83054549	-121.278769	765 Kilarney Ct : ASPCUT		5.25
1779	Phase 2	9	4	10	37.8284496	-121.278447	811 Augusta Dr : ASPCUT		8.13
1795	Phase 2	6	2	19	37.83093835	-121.279901	14432 Pine Valley Dr : Crack LCUT		9.50
1801	Phase 2	8	6	4.5	37.83103789	-121.279685	14430 Pine Valley Dr :		3.94
1803	Phase 2	7	3	4	37.83107389	-121.279598	770 Clifford Dr :		2.50
1814	Phase 2	6	0	13	37.8318156	-121.280102	14130 Southport St on Sugar Pine Dr : ASPCUT		4.88
1815	Phase 2	6	2	13	37.83177101	-121.28024	14135 Southport St on Sugar Pine Dr : ASPCUT		6.50
1818	Phase 2	7	0	11	37.83139642	-121.280781	14300 Jasper St on Cedar Valley Dr : ASPCUT		4.81
1822	Phase 2	11	3	4	37.83106127	-121.281104	14325 Cedar Valley Dr : OG		3.50
1832	Phase 2	10	7	10	37.82963606	-121.281198	14475 Cedar Valley Dr : ASPCUT		10.63
1833	Phase 2	9	4	10	37.82948908	-121.281146	14515 Cedar Valley Dr : ASPCUT		8.13
1840	Phase 2	6	0	4	37.82812702	-121.280826	675 Stoneridge Ct : OG		1.50
1842	Phase 2	8	2	10	37.82805284	-121.2807	688 Stoneridge Ct : ASPCUT		6.25
1866	Phase 2	9	0	4	37.82739834	-121.278339	800 Long Barn Dr on Woodfield Dr : OC XCUT		2.25
1869	Phase 2	9	0	3	37.82711323	-121.278365	800 Long Barn Dr on Woodfield Dr : OC XCUT		1.69
1870	Phase 2	8	0	3	37.8271201	-121.278344	800 Long Barn Dr on Woodfield Dr : OC XCUT		1.50
1877	Phase 2	6	0	4	37.82727458	-121.278101	800 Long Barn Dr on Woodfield Dr : XCUT		1.50
1889	Phase 2	6	5	5	37.82759896	-121.277946	831 Long Barn Dr : across from		3.44
1898	Phase 2	6	0	9	37.82818247	-121.276353	924 Long Barn Dr : ASPCUT		3.38
1904	Phase 2	8	4	13.5	37.82923674	-121.275979	14537 Pinewood Dr : ASPCUT		10.13
1919	Phase 2	9	3	12	37.8314688	-121.276504	14131 Chantilly Ct : ASPCUT		9.00
1922	Phase 2	8	4	14	37.83175446	-121.276948	14130 Pinecrest St on Sugar Pine Dr : ASPCUT		10.50
1923	Phase 2	12	4	13.5	37.83186112	-121.277136	831 Sugar Pine Dr : ASPCUT		13.50
1943	Phase 2	6	3	4	37.83150665	-121.276825	14120 Pinewood Dr :		2.25
1953	Phase 2	9	0	14	37.82924919	-121.276259	14536 Pinewood Dr : ASPCUT		7.88
1965	Phase 2	9	0	2.5	37.82785846	-121.277174	879 Long Barn Dr :		1.41
1974	Phase 2	8	1	9.5	37.82773827	-121.27929	759 Long Barn Dr : ASPCUT		5.34
1980	Phase 2	6	0	3	37.82787787	-121.280019	723 Long Barn Dr :		1.13
1994	Phase 2	8	3	4	37.83122195	-121.279015	789 Clifford Dr :		2.75
2009	Phase 2	7	2	4.5	37.83017204	-121.280288	14453 Pine Valley Dr :		2.53
2019	Phase 2	6	2	4	37.82826696	-121.279323	756 Augusta Dr :		2.00
2027	Phase 2	10	3	10.5	37.82830799	-121.279031	14746 Oak Hills St :		8.53
2040	Phase 2	6	3	4	37.82924525	-121.276491	14536 Pinewood Dr on Princeville St :		2.25
2062	Phase 2	12	11	4.5	37.82982934	-121.27714	827 Prairie Dunes Dr :		6.47
2069	Phase 2	8	4	10	37.82898357	-121.278511	788 Cherry Hills Ct : ASPCUT		7.50
2079	Phase 2	7	2	18	37.8326447	-121.284948	141 Warren Ave : ASPCUT JUMP		10.13
2084	Phase 2	6	2	19	37.83277604	-121.286442	13719 Bloom Way on Warren Ave : ASPCUT		9.50
2098	Phase 2	8	6	16.5	37.83249504	-121.284991	98 Warren Ave : ASPCUT		14.44
2099	Phase 2	6	0	18	37.83248314	-121.284765	156 Warren Ave : ASPCUT		6.75
2126	Phase 2	7	3	5	37.82569308	-121.285446	15046 Cambridge Dr on Camish Pl : JUMP		3.13
2128	Phase 2	12	4	10.5	37.82571245	-121.285455	15046 Cambridge Dr on Camish Pl : ASPCUT		10.50
2135	Phase 2	6	2	4.5	37.82570708	-121.285103	15046 Cambridge Dr on Camish Pl :		2.25
2147	Phase 2	11	4	11	37.82521221	-121.284055	367 Villa Real Ct on Ryhiner Ln : ASPCUT		10.31
2148	Phase 2	6	0	6	37.82506431	-121.284112	370 Villa Real Ct on Ryhiner Ln : ASPCUT		2.25
2150	Phase 2	7	0	3	37.82503322	-121.284076	370 Villa Real Ct on Ryhiner Ln : XCUT		1.31
2156	Phase 2	10	3	10	37.82437067	-121.284037	379 Valverde Ct on Ryhiner Ln : ASPCUT		8.13
2157	Phase 2	10	5	10	37.82416921	-121.284059	388 Valverde Ct on Ryhiner Ln : ASPCUT		9.38
2166	Phase 2	6	1	4.5	37.82356626	-121.284019	373 Gardner Pl on Ryhiner Ln :		1.97
2167	Phase 2	6	0	3	37.82352389	-121.284017	373 Gardner Pl on Ryhiner Ln : XCUT		1.13
2187	Phase 2	9	6	4.5	37.82588603	-121.285106	253 Camish Pl : OC		4.22
2211	Phase 2	9	0	4	37.82509462	-121.284092	370 Villa Real Ct : XCUT		2.25
2213	Phase 2	7	2	5	37.82435428	-121.284012	379 Valverde Ct : JUMP		2.81
2238	Phase 2	8	0	3.5	37.82350197	-121.284261	373 Gardner Pl :		1.75
2251	Phase 2	7	0	1.5	37.82326539	-121.285105	344 Gardner Pl : XCUT		0.66
2263	Phase 2	7	0	3	37.82338689	-121.284042	418 Gardner Pl : XCUT		1.31
2287	Phase 2	6	4	6	37.82525877	-121.285632	245 Charmaine Ct on Cambridge Dr :		3.75
2327	Phase 2	6	0	8	37.82334837	-121.285433	335 Gardner Ct :		3.00
2328	Phase 2	8	6	13.5	37.82349996	-121.285405	335 Gardner Ct : ASPCUT		11.81
2338	Phase 2	6	4	12	37.82320085	-121.285403	15301 Cambridge Dr on Gardner Ct : ASPCUT		7.50
2374	Phase 2	7	2	5	37.82574073	-121.285466	15046 Cambridge Dr :		2.81
2381	Phase 2	9	0	4	37.82307152	-121.282938	15329 Avon St : across from OC		2.25
2382	Phase 2	6	2	4.5	37.82311858	-121.282976	15329 Avon St : across from OC		2.25
2385	Phase 2	6	3	4.5	37.82336157	-121.28295	15317 Avon St : across from		2.53
2389	Phase 2	6	2	11	37.82346635	-121.282893	607 Milestone Dr : across from ASPCUT		5.50
2390	Phase 2	7	2	4	37.8235044	-121.282784	607 Milestone Dr : across from OC		2.25
2391	Phase 2	9	3	4	37.82352456	-121.28273	607 Milestone Dr : across from OC		3.00
2392	Phase 2	6	2	4	37.82350084	-121.28264	607 Milestone Dr : across from OC		2.00
2398	Phase 2	8	3	4	37.82348709	-121.282264	631 Milestone Dr : across from OC		2.75
2419	Phase 2	9	4	4.5	37.82326261	-121.281652	699 Milestone Dr :		3.66
2420	Phase 2	6	2	4.5	37.8236505	-121.281668	677 Milestone Dr :		2.25
2428	Phase 2	7	3	4.5	37.82358667	-121.28256	619 Milestone Dr :		2.81
2432	Phase 2	11	6	12	37.8235803	-121.28288	607 Milestone Dr : ASPCUT		12.75
2438	Phase 2	7	3	4.5	37.82416997	-121.281659	678 Sunflower Ave : OG		2.81
2439	Phase 2	6	2	4.5	37.82414671	-121.281561	678 Sunflower Ave : OG		2.25

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2450	Phase 2	8	3	4.5	37.8242656	-121.280887	711 Sunflower Dr :		3.09
2453	Phase 2	8	2	10	37.82428027	-121.282945	603 Sunflower Dr : ASPCUT		6.25
2457	Phase 2	8	0	3	37.82481822	-121.283009	566 Jonquil Dr : OG XCUT		1.50
2458	Phase 2	6	0	7	37.82478235	-121.283033	566 Jonquil Dr : XCUT		2.63
2460	Phase 2	8	5	10	37.82479404	-121.283044	566 Jonquil Dr : ASPCUT		8.13
2463	Phase 2	6	0	1.5	37.82482019	-121.282897	566 Jonquil Dr :		0.56
2471	Phase 2	11	5	4.5	37.82481914	-121.281925	650 Jonquil Dr : OG		4.50
2472	Phase 2	11	0	2.5	37.82481831	-121.281874	650 Jonquil Dr : OG XCUT		1.72
2476	Phase 2	8	3	4.5	37.8248191	-121.281736	664 Jonquil Dr : OG		3.09
2484	Phase 2	7	3	4.5	37.82481064	-121.280164	744 Jonquil Dr :		2.81
2487	Phase 2	6	2	10	37.82479865	-121.279359	788 Jonquil Dr : ASPCUT		5.00
2488	Phase 2	11	2	10	37.82476684	-121.279197	15200 Poppy Dr on Jonquil Dr : ASPCUT		8.13
2496	Phase 2	9	0	2.5	37.82481696	-121.278435	866 Jonquil Dr : OG XCUT		1.41
2501	Phase 2	11	6	4.5	37.8249429	-121.279083	15150 Poppy Ct on Jonquil Dr : OG		4.78
2502	Phase 2	8	4	10	37.82496654	-121.279158	15150 Poppy Ct on Jonquil Dr : ASPCUT		7.50
2503	Phase 2	11	2	10	37.8249652	-121.279331	15155 Poppy Ct on Jonquil Dr : ASPCUT		8.13
2509	Phase 2	10	7	4	37.82494244	-121.27977	15150 Hollyhock Ct on Jonquil Dr : OG		4.25
2510	Phase 2	7	4	4	37.82494437	-121.280037	15150 Hollyhock Ct on Jonquil Dr : OG		2.75
2516	Phase 2	8	3	10.5	37.82494206	-121.281164	699 Jonquil Dr :		7.22
2517	Phase 2	6	0	7	37.8249533	-121.281317	677 Jonquil Dr : ASPCUT		2.63
No.	Cat.	Max Ht. (1/8 of in.)	Min Ht. (1/8)	Length (Feet)	Latitude	Longitude	Description	R&R Sqft	Inch Feet
2518	Phase 2	10	8	5.5	37.82494563	-121.28138	677 Jonquil Dr : OG		6.19
2519	Phase 2	8	2	4.5	37.82492568	-121.281418	677 Jonquil Dr : OG		2.81
2533	Phase 2	9	7	4.5	37.82436744	-121.27918	15230 Poppy Dr : OG JUMP		4.50
2544	Phase 2	10	3	4.5	37.82580364	-121.279162	15050 Poppy Ct :		3.66
2550	Phase 2	11	3	4.5	37.82602693	-121.279186	15000 Poppy Ct : OG		3.94
2554	Phase 2	7	4	4.5	37.82527328	-121.279349	15125 Poppy Ct : OG		3.09
2555	Phase 2	6	5	4.5	37.82522688	-121.279339	15125 Poppy Ct : OG		3.09
2561	Phase 2	10	2	10	37.82551006	-121.282949	544 Sunrise Pl : ASPCUT JUMP		7.50
2567	Phase 2	11	6	4	37.82553781	-121.282445	566 Sunrise Pl : OG		4.25
2568	Phase 2	6	3	4	37.82550005	-121.282352	588 Sunrise Pl : OG		2.25
2573	Phase 2	7	1	4	37.82550843	-121.281602	644 Sunrise Pl :		2.00
2588	Phase 2	7	6	4	37.82563068	-121.282292	577 Sunrise Pl : OG		3.25
2596	Phase 2	6	2	10	37.82567565	-121.282833	15050 Avon St on Sunrise Pl : ASPCUT		5.00
2611	Phase 2	7	0	10.5	37.825491	-121.283141	15087 Sunrise Ct : ASPCUT		4.59
2612	Phase 2	10	7	4	37.82503485	-121.280119	15150 Hollyhock Ct : OG JUMP		4.25
2617	Phase 2	7	3	4	37.82536623	-121.280134	15100 Hollyhock Ct : OG		2.50
2619	Phase 2	6	3	4	37.82568885	-121.28011	15050 Hollyhock Ct :		2.25
2622	Phase 2	12	2	4	37.82546044	-121.28028	15111 Hollyhock Ct : OG		3.50
2632	Phase 2	10	4	4	37.82544049	-121.283106	15087 Sunrise Ct on Avon St : OG		3.50
2635	Phase 2	11	10	4	37.82518724	-121.28317	15111 Avon St : OG		5.25
2642	Phase 2	6	3	4	37.82475678	-121.283188	15175 Avon St :		2.25
2643	Phase 2	11	4	4	37.82467011	-121.283142	15187 Avon St : OC		3.75
2649	Phase 2	7	3	4	37.82432516	-121.283156	15201 Avon St :		2.50
2657	Phase 2	6	1	4	37.82374396	-121.283063	15285 Avon St :		1.75
2668	Phase 2	6	2	4	37.82374366	-121.282902	607 Milestone Dr on Avon St :		2.00
2675	Phase 2	6	0	3	37.82406959	-121.282952	600 Sunflower Dr on Avon St :		1.13
2678	Phase 2	6	0	5	37.82431824	-121.282993	603 Sunflower Dr on Avon St :		1.88
2685	Phase 2	11	7	4	37.82458793	-121.283054	566 Jonquil Dr on Avon St : OC		4.50
2686	Phase 2	9	8	4.5	37.82459346	-121.283015	566 Jonquil Dr on Avon St : OG		4.78
2688	Phase 2	11	10	4	37.82467569	-121.283046	566 Jonquil Dr on Avon St : OG		5.25
2690	Phase 2	7	0	3	37.82473331	-121.283066	566 Jonquil Dr on Avon St : OG XCUT		1.31
2702	Phase 2	10	3	4	37.82593624	-121.282685	15020 Avon St : OG		3.25
2703	Phase 2	8	3	4	37.82597744	-121.282699	15020 Avon St : OG		2.75
2723	Phase 2	9	5	4	37.82542021	-121.278345	15111 5th St :		3.50
2724	Phase 2	8	2	4	37.82538656	-121.278334	15111 5th St :		2.50
2744	Phase 2	10	0	4.5	37.82363818	-121.278373	15301 5th St : ASPCUT		2.81
2758	Phase 2	9	1	7	37.82287995	-121.2784	15357 5th St : ASPCUT		4.38
2771	Phase 2	6	6	6.5	37.82650738	-121.280977	638 E Lathrop Rd : across from OG		4.88
2773	Phase 2	9	2	6	37.82645357	-121.281122	622 E Lathrop Rd : across from OC		4.13
2799	Phase 2	6	6	6.5	37.8262781	-121.285991	192 E Lathrop Rd : OG		4.88
2810	Phase 2	6	0	31	37.82630555	-121.279004	15000 Poppy Ct on Lathrop Rd :		11.63
2827	Phase 2	8	0	12	37.83279712	-121.28678	13719 Bloom Way on S Harlan Rd : ASPCUT		6.00
2841	Phase 2	10	7	12	37.83586959	-121.285954	157 Ravenwood Ct on S Harlan Rd : ASPCUT		12.75
2842	Phase 2	9	7	12	37.83611527	-121.285923	13579 Dolomite St on S Harlan Rd : ASPCUT		12.00

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No.	Cat.	Max Ht. (1/8 of in.)	Min Ht. (1/8 of in.)	Length (feet)	Latitude	Longitude	Description	R&R SqFt	Inch Feet
1	Phase 3	8	0	10.5	37.82243009	-121.2851	386 J St on Cambridge Dr : ASPCUT JUMP		5.25
37	Phase 3	10	3	10	37.81921563	-121.284485	15719 Cambridge Dr : ASPCUT		8.13
43	Phase 3	7	3	20	37.8183085	-121.284443	600 Maxwell Ln on Cambridge Dr : ASPCUT		12.50
48	Phase 3	7	3	4.5	37.81792599	-121.284391	15883 Cambridge Dr :		2.81
53	Phase 3	9	0	10.5	37.8175996	-121.284329	672 N St on Cambridge Dr : across from ATCURB		5.91
63	Phase 3	9	3	15.5	37.8159609	-121.284295	695 O St on Cambridge Dr : ASPCUT		11.63
64	Phase 3	11	3	18.5	37.81580051	-121.284247	16145 Cambridge Dr : ASPCUT		16.19
74	Phase 3	9	5	10	37.81507543	-121.284141	620 Soana Ln on Cambridge Dr : ASPCUT		8.75
90	Phase 3	10	3	15	37.81319738	-121.283667	653 Mingo Way on Cambridge Dr : ASPCUT		12.19
91	Phase 3	7	3	15	37.81299383	-121.283683	16405 Cambridge Dr : ASPCUT		9.38
106	Phase 3	7	3	15	37.81244603	-121.283686	16433 Cambridge Dr : ASPCUT		9.38
107	Phase 3	10	5	15	37.812321	-121.283612	16465 Cambridge Dr : ASPCUT		14.06
113	Phase 3	6	3	4.5	37.8123198	-121.283493	16440 Cambridge Dr :		2.53
126	Phase 3	6	5	4.5	37.81299219	-121.283448	16416 Cambridge Dr :		3.09
132	Phase 3	12	6	4.5	37.81328204	-121.283504	16356 Cambridge Dr : OC		5.06
134	Phase 3	9	5	4.5	37.81339536	-121.283469	16356 Cambridge Dr : OC		3.94
138	Phase 3	8	0	13.5	37.81387581	-121.283568	699 Toro Ln on Cambridge Dr : ASPCUT		6.75
140	Phase 3	6	4	4.5	37.81412924	-121.283595	699 Toro Ln on Cambridge Dr :		2.81
155	Phase 3	6	0	3	37.81485784	-121.283838	16193 Cambridge Dr : across from OG XCUT		1.13
170	Phase 3	8	0	2.5	37.81535053	-121.28406	16143 Cambridge Dr : across from XCUT		1.25
173	Phase 3	6	4	4.5	37.81560638	-121.28408	732 O St on Cambridge Dr :		2.81
174	Phase 3	8	4	5	37.81565844	-121.284036	732 O St on Cambridge Dr :		3.75
179	Phase 3	9	3	16	37.81597909	-121.284094	715 O St on Cambridge Dr : ASPCUT		12.00
184	Phase 3	10	4	4.5	37.81652626	-121.284114	16022 Cambridge Dr :		3.94
185	Phase 3	7	1	4.5	37.81659809	-121.284145	16000 Cambridge Dr :		2.25
195	Phase 3	11	3	18	37.8176048	-121.284173	672 N St on Cambridge Dr : ASPCUT		15.75
196	Phase 3	11	3	19	37.81782231	-121.284161	15888 Cambridge Dr : ASPCUT		16.63
198	Phase 3	7	0	3.5	37.81789054	-121.284192	15888 Cambridge Dr : OG		1.53
204	Phase 3	11	4	18	37.8183251	-121.284229	620 Maxwell Ln on Cambridge Dr : ASPCUT		16.88
210	Phase 3	12	6	15	37.81902473	-121.284315	15778 Cambridge Dr : ASPCUT		16.88
211	Phase 3	6	0	2	37.81922393	-121.284294	15712 Cambridge Dr : XCUT		0.75
212	Phase 3	6	0	2.5	37.81920423	-121.284271	15712 Cambridge Dr : XCUT		0.94
221	Phase 3	6	4	5.5	37.81969327	-121.284294	594 Steven Pl on Cambridge Dr :		3.44
222	Phase 3	7	3	10.5	37.81972026	-121.284306	594 Steven Pl on Cambridge Dr : ASPCUT		6.56
224	Phase 3	6	0	3.5	37.81987579	-121.284283	15640 Cambridge Dr : XCUT		1.31
230	Phase 3	6	5	4.5	37.82033554	-121.284371	548 Dianne Ct on Cambridge Dr :		3.09
244	Phase 3	7	0	9.5	37.82175929	-121.284589	444 Bella Ct on Cambridge Dr : ASPCUT		4.16
251	Phase 3	6	0	4	37.82245729	-121.284873	404 J St on Cambridge Dr : XCUT		1.50
265	Phase 3	8	0	4	37.82255331	-121.284456	426 J St : OG XCUT		2.00
267	Phase 3	10	5	6	37.82256299	-121.284404	426 J St : OG		5.63
268	Phase 3	7	0	3	37.82261185	-121.284331	426 J St : OG XCUT		1.31
285	Phase 3	7	2	9.5	37.82260762	-121.283091	15405 Jack Ct on J St : ASPCUT		5.34
295	Phase 3	6	0	10	37.82264542	-121.282213	15405 Ruby Ct on J St : OC		3.75
297	Phase 3	8	3	9.5	37.82263968	-121.28216	15405 Ruby Ct on J St : ASPCUT		6.53
298	Phase 3	8	2	9.5	37.82261307	-121.281982	15400 Ruby Ct on J St : ASPCUT		5.94
313	Phase 3	8	6	4	37.82264919	-121.278894	15407 5th St on J St : ASPCUT		3.50
321	Phase 3	8	5	4	37.82284466	-121.278797	15357 5th St on J St :		3.25
328	Phase 3	11	3	11	37.82286226	-121.279482	15354 Revere Ln on J St : ASPCUT		9.63
332	Phase 3	10	3	4.5	37.82286478	-121.279929	779 J St : OG		3.66
333	Phase 3	8	2	4.5	37.8228569	-121.280049	779 J St : OC		2.81
345	Phase 3	8	5	4.5	37.82283008	-121.282262	639 J St : OC		3.66
347	Phase 3	6	0	2.5	37.82280971	-121.282735	627 J St : OC		0.94
348	Phase 3	7	2	4.5	37.82277434	-121.282827	627 J St : OC		2.53
349	Phase 3	8	3	11	37.8228538	-121.283077	15353 Avon St on J St : ASPCUT		7.56
368	Phase 3	7	0	5	37.82269777	-121.284859	15332 Cambridge Dr on J St :		2.19
369	Phase 3	6	0	6	37.82267116	-121.284916	15332 Cambridge Dr on J St :		2.25
371	Phase 3	8	0	9	37.82262614	-121.285158	15315 Cambridge Dr on J St : ASPCUT		4.50
402	Phase 3	6	0	4.5	37.82229007	-121.289999	15550 S Harlan Rd on J St :		1.69
409	Phase 3	6	3	10	37.82228877	-121.289262	130 J St : ASPCUT		5.63
411	Phase 3	7	4	4.5	37.8227381	-121.289237	130 J St :		3.09
437	Phase 3	6	3	6	37.82240809	-121.28513	386 J St :		3.38
440	Phase 3	6	0	2	37.82181264	-121.2845	444 Bella Ct :		0.75
466	Phase 3	6	3	4.5	37.81984729	-121.286385	322 Steven Pl :		2.53
478	Phase 3	6	0	3	37.81973326	-121.284534	15673 Cambridge Dr on Steven Pl : XCUT		1.13
497	Phase 3	6	3	11	37.82151051	-121.286269	304 Bella Pl : ASPCUT		6.19
514	Phase 3	8	5	11	37.81987562	-121.28525	515 Steven Pl on Zalman Ln : ASPCUT		8.94
521	Phase 3	9	5	5.5	37.81971377	-121.284267	594 Steven Pl : JUMP		4.81
524	Phase 3	7	4	5	37.81970786	-121.284244	594 Steven Pl :		3.44
527	Phase 3	6	2	4.5	37.81974026	-121.283959	594 Steven Pl :		2.25
531	Phase 3	12	11	4.5	37.81974621	-121.283498	680 Steven Pl : OG		6.47
547	Phase 3	8	1	5.5	37.81986468	-121.2843	15640 Cambridge Dr on Steven Pl :		3.09
568	Phase 3	6	3	4	37.82136536	-121.283821	157 Merelson Ct :		2.25
573	Phase 3	6	1	5	37.82122803	-121.284462	505 Merelson Ct :		2.19
589	Phase 3	8	5	9	37.82157135	-121.289314	15510 Lottie Way : ASPCUT		7.31
590	Phase 3	10	7	10	37.82173538	-121.289276	155 Chandra Way on Lottie Way : ASPCUT		10.63
598	Phase 3	7	3	10	37.82158279	-121.288361	15501 Pamela Ct on Chandra Way : ASPCUT		6.25
606	Phase 3	10	0	9.5	37.82154846	-121.2882	15510 Pamela Ct : ASPCUT		5.94
615	Phase 3	9	3	9	37.82156372	-121.287384	274 Chandra Way : ASPCUT		6.75
670	Phase 3	7	3	4.5	37.81798935	-121.287247	15886 Warfield Rd : OG		2.81
688	Phase 3	7	3	9	37.82053375	-121.2892	15560 Lottie Way on Patricia Pl : ASPCUT		5.63
690	Phase 3	6	2	9	37.82054138	-121.289391	157 Patricia Pl : ASPCUT		4.50
698	Phase 3	6	1	4.5	37.81923294	-121.290237	15753 Lisa Ln :		1.97
701	Phase 3	6	3	10	37.81984329	-121.290108	153 Gall Dr on Lisa Ln : ASPCUT		5.63
717	Phase 3	6	4	4.5	37.81994247	-121.289894	153 Gall Dr :		2.81
724	Phase 3	7	3	10	37.81915868	-121.29029	15753 Lisa Ln on Thomsen Rd : ASPCUT JUMP		6.25
No.	Cat.	Max Ht. (1/8 of in.)	Min Ht.	Length	Latitude	Longitude	Description	R&R SqFt	Inch Feet
730	Phase 3	9	4	15	37.81920453	-121.292028	15688 S Harlan Rd on Thomsen Rd : ASPCUT		12.19
736	Phase 3	6	0	2.5	37.81902637	-121.291521	15810 S Harlan Rd on Thomsen Rd : XCUT		0.94
754	Phase 3	9	3	14	37.81901099	-121.289575	188 Thomsen Rd : ASPCUT		10.50
762	Phase 3	8	0	14	37.81898622	-121.287451	316 Thomsen Rd : ASPCUT		7.00
763	Phase 3	9	0	14	37.8190112	-121.287262	15788 Warfield Rd on Thomsen Rd : ASPCUT		7.88

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769	Phase 3	8	3	4.5	37.81902934	-121.285426	510 Thomsen Rd :	3.09	
786	Phase 3	6	0	3.5	37.81901753	-121.283366	680 Thomsen Rd :	1.31	
828	Phase 3	7	3	5	37.81919065	-121.284291	15712 Cambridge Dr on Thomsen Rd :	3.13	
831	Phase 3	9	0	4.5	37.81920386	-121.284556	15719 Cambridge Dr on Thomsen Rd :	2.53	
856	Phase 3	8	5	15	37.81848666	-121.289599	201 Pennant Ave : ASPCUT	12.19	
873	Phase 3	10	4	14	37.8183136	-121.286346	15858 Julie Ln on Maxwell Ln : ASPCUT	12.25	
902	Phase 3	7	4	4.5	37.81845481	-121.284145	15804 Cambridge Dr on Maxwell Ln :	3.09	
930	Phase 3	7	2	14	37.81716156	-121.286476	469 Orlando Ln on Julie Ln : ASPCUT	7.88	
931	Phase 3	7	5	14	37.81699753	-121.286423	474 Orlando Ln on Julie Ln : ASPCUT	10.50	
948	Phase 3	7	4	9	37.81503671	-121.286363	554 Somoa Ln on Julie Ln : ASPCUT	6.19	
978	Phase 3	8	3	9	37.81503239	-121.286187	588 Somoa Ln on Julie Ln : ASPCUT	6.19	
979	Phase 3	12	6	9	37.81517912	-121.286193	16140 Julie Ln : ASPCUT	10.13	
983	Phase 3	6	4	4.5	37.81533615	-121.286213	16140 Julie Ln :	2.81	
1006	Phase 3	10	5	14	37.81766146	-121.286326	484 N St on Julie Ln : ASPCUT	13.13	
1007	Phase 3	11	2	14	37.81779972	-121.286339	15878 Julie Ln : ASPCUT	11.38	
1019	Phase 3	7	2	6.5	37.81766003	-121.285799	510 N St : Crack	3.66	
1026	Phase 3	12	8	4.5	37.81764277	-121.283996	672 N St : OG	5.63	
1031	Phase 3	6	2	4.5	37.81766054	-121.283873	672 N St : OG	2.25	
1034	Phase 3	7	2	4.5	37.81765865	-121.283454	708 N St : OG	2.53	
1038	Phase 3	10	4	19	37.81764901	-121.283261	708 N St : ASPCUT	16.63	
1039	Phase 3	9	0	20	37.81763325	-121.283074	750 N St : ASPCUT	11.25	
1058	Phase 3	6	1	4.5	37.81779071	-121.284736	585 N St :	1.97	
1063	Phase 3	9	0	2	37.81775676	-121.284993	585 N St : OG XCLUT	1.13	
1072	Phase 3	6	2	4.5	37.8177752	-121.285986	485 N St :	2.25	
1078	Phase 3	6	3	4.5	37.81717732	-121.286626	469 Orlando Ln :	2.53	
1082	Phase 3	9	2	21	37.81718084	-121.287374	405 Orlando Ln : ASPCUT	14.44	
1119	Phase 3	6	3	4.5	37.81703319	-121.286697	474 Orlando Ln :	2.53	
1124	Phase 3	9	0	8	37.81634165	-121.289412	16046 Bizzibe St on Osage Pl : ASPCUT JUMP	4.50	
1133	Phase 3	7	6	4.5	37.81683098	-121.288082	390 Osage Pl :	3.66	
1151	Phase 3	11	5	12	37.81649059	-121.289434	323 Osage Pl : ASPCUT	12.00	
1163	Phase 3	6	3	4.5	37.81665446	-121.28965	16011 Bizzibe St :	2.53	
1211	Phase 3	7	6	4.5	37.81391575	-121.289335	351 Aries Pl on Bizzibe St : OG	3.66	
1212	Phase 3	8	0	4.5	37.81425686	-121.28933	344 Honey Pl on Bizzibe St :	2.25	
1213	Phase 3	8	0	8	37.81422878	-121.289325	344 Honey Pl on Bizzibe St : ASPCUT	4.00	
1214	Phase 3	11	2	10	37.81443849	-121.289362	337 Honey Pl on Bizzibe St : ASPCUT	8.13	
1216	Phase 3	6	3	4.5	37.81447722	-121.289344	337 Honey Pl on Bizzibe St :	2.53	
1225	Phase 3	10	3	12	37.81562151	-121.289349	16108 Bizzibe St : ASPCUT	9.75	
1226	Phase 3	10	3	5.5	37.8156164	-121.2893	16108 Bizzibe St :	4.47	
1236	Phase 3	10	2	11	37.81632325	-121.289432	16046 Bizzibe St : ASPCUT	8.25	
1237	Phase 3	10	3	11.5	37.8163657	-121.289432	323 Osage Pl on Bizzibe St : ASPCUT	9.34	
1244	Phase 3	12	2	10	37.81702016	-121.289434	15960 Bizzibe St : ASPCUT	8.75	
1248	Phase 3	9	5	10	37.81518167	-121.288126	16137 Easy St : ASPCUT	8.75	
1252	Phase 3	12	5	4.5	37.81505339	-121.288324	16203 Easy St on Easy Ct :	4.78	
1254	Phase 3	7	2	5.5	37.81500402	-121.28812	16203 Easy St :	3.09	
1255	Phase 3	7	2	9	37.8149956	-121.2881	16203 Easy St : ASPCUT	5.06	
1267	Phase 3	8	0	3	37.81428691	-121.289278	344 Honey Pl : XCLUT	1.50	
1280	Phase 3	8	5	4.5	37.81391006	-121.28802	429 Aries Pl on Easy St :	3.66	
1281	Phase 3	6	3	4.5	37.81391802	-121.287999	429 Aries Pl on Easy St :	2.53	
1282	Phase 3	9	1	10	37.81376727	-121.288055	429 Aries Pl : ASPCUT	6.25	
1288	Phase 3	9	0	5	37.81371932	-121.288682	375 Aries Pl : Crack	2.81	
1291	Phase 3	6	3	4.5	37.81369933	-121.28924	351 Aries Pl :	2.53	
1298	Phase 3	6	3	4.5	37.81363953	-121.288829	370 Aries Pl :	2.53	
1302	Phase 3	7	3	4.5	37.81367369	-121.288256	418 Aries Pl :	2.81	
1304	Phase 3	9	5	4.5	37.81363094	-121.287925	442 Aries Pl :	3.94	
1364	Phase 3	7	3	4.5	37.81534139	-121.291877	16122 Showlow Ln : OG	2.81	
1366	Phase 3	8	2	4.5	37.81437475	-121.293186	16211 Sedona Ln : JUMP	2.81	
1385	Phase 3	7	0	8	37.8137272	-121.291908	144 Rieger Dr : ASPCUT	3.50	
1387	Phase 3	6	4	4.5	37.81370235	-121.291007	200 Rieger Dr :	2.81	
1417	Phase 3	9	3	10	37.8153732	-121.291265	16133 Saguaro Ln on O St : ASPCUT	7.50	
1422	Phase 3	12	0	8.5	37.81537605	-121.290258	16122 Tumbleweed Ln on O St : ASPCUT	6.38	
1455	Phase 3	6	0	3.5	37.81584242	-121.284576	698 O St :	1.31	
1490	Phase 3	11	6	9	37.81612724	-121.28042	16099 Matador Way on O St : OC	9.56	
1515	Phase 3	8	3	10	37.81626126	-121.280375	16099 Matador Way on O St : across from ASPCUT	6.88	
1518	Phase 3	7	6	4.5	37.81612032	-121.282551	16060 Eton Way on O St : OG	3.66	
1521	Phase 3	12	9	4.5	37.81610301	-121.28265	16060 Eton Way on O St : OG	5.91	
1523	Phase 3	9	4	4.5	37.8160567	-121.282689	16060 Eton Way on O St : OG	3.66	
1525	Phase 3	8	4	4.5	37.81605591	-121.282786	16060 Eton Way on O St : OG	3.38	
1529	Phase 3	7	2	4.5	37.81595905	-121.283239	777 O St :	2.53	
1530	Phase 3	7	2	4.5	37.81595034	-121.283371	777 O St :	2.53	
1532	Phase 3	9	4	4.5	37.81599765	-121.28343	777 O St :	3.66	
1533	Phase 3	7	2	4.5	37.81602682	-121.283581	777 O St :	2.53	
1536	Phase 3	6	4	4.5	37.81598311	-121.283815	715 O St : OG	2.81	
1542	Phase 3	9	5	4.5	37.81598713	-121.284648	695 O St :	3.94	
1550	Phase 3	8	5	10	37.81598495	-121.28519	677 O St : ASPCUT	8.13	
1574	Phase 3	6	4	5	37.81588223	-121.287362	473 O St :	3.13	
1590	Phase 3	7	3	5.5	37.81557889	-121.289411	16108 Bizzibe St on O St :	3.44	
1592	Phase 3	6	0	3.5	37.81554373	-121.289632	16109 Bizzibe St on O St : XCLUT	1.31	
1599	Phase 3	13	3	4.5	37.81554247	-121.290964	199 O St :	4.50	
1600	Phase 3	6	0	3	37.81556624	-121.291022	199 O St : XCLUT	1.13	
1603	Phase 3	7	2	4.5	37.81551804	-121.291399	155 O St :	2.53	
1605	Phase 3	6	5	4.5	37.81552797	-121.291474	155 O St :	3.09	
1624	Phase 3	6	2	4.5	37.81504333	-121.285941	588 Somoa Ln :	2.25	
1630	Phase 3	10	3	10	37.81503017	-121.285579	568 Somoa Ln : ASPCUT	8.13	
1639	Phase 3	7	1	9	37.81500976	-121.284691	598 Somoa Ln : ASPCUT	4.50	
1699	Phase 3	6	1	4.5	37.8151696	-121.286639	541 Somoa Ln :	1.97	
1711	Phase 3	6	2	4.5	37.81405997	-121.287213	16251 Warfield Rd :	2.25	
1717	Phase 3	6	2	4.5	37.8137117	-121.287193	16291 Warfield Rd :	2.25	
1731	Phase 3	6	1	9	37.81245885	-121.28684	16436 Warfield Rd : ASPCUT	3.94	
1746	Phase 3	7	4	11	37.81504237	-121.287108	518 Somoa Ln : ASPCUT	7.56	
1749	Phase 3	8	5	4.5	37.81498587	-121.284675	598 Somoa Ln on Noel Ln :	3.66	
1765	Phase 3	11	11	4.5	37.81328175	-121.284569	601 Mingo Way on Noel Ln : OC	6.19	
1779	Phase 3	6	5	4.5	37.81449545	-121.284464	16194 Noel Ln :	3.09	
1788	Phase 3	7	0	14	37.81304609	-121.283471	16416 Cambridge Dr on Mingo Way : ASPCUT JUMP	6.13	
1790	Phase 3	7	5	5	37.81305996	-121.283473	16416 Cambridge Dr on Mingo Way :	3.75	
1792	Phase 3	6	4	4.5	37.81307023	-121.283373	16416 Cambridge Dr on Mingo Way :	2.81	
No.	Cat.	Max Ht. (1/8 of in.)	Min Ht.	Length	Latitude	Longitude	Description	R&R SqFt	Inch Feet

ATTACHMENT A

1801	Phase 3	6	5	4.5	37.81303519	-121.282249	16410 Janice Pl on Mingo Way :	3.09
1808	Phase 3	7	5	4.5	37.81303959	-121.281477	948 Mingo Way :	3.38
1827	Phase 3	6	4	5	37.81319935	-121.277661	1160 Mingo Way :	3.13
1850	Phase 3	7	3	5	37.81315971	-121.283729	653 Mingo Way :	3.13
1858	Phase 3	10	4	4.5	37.81320514	-121.284	653 Mingo Way : OG	3.94
1859	Phase 3	9	2	4.5	37.81316055	-121.284039	653 Mingo Way : OG	3.09
1861	Phase 3	10	6	4.5	37.8131898	-121.284142	649 Mingo Way : OC	4.50
1863	Phase 3	6	2	4.5	37.81316757	-121.284142	649 Mingo Way :	2.25
1864	Phase 3	6	2	4.5	37.81315619	-121.284226	649 Mingo Way : OG	2.25
1870	Phase 3	7	3	13	37.81319956	-121.284437	649 Mingo Way : ASPCUT	8.13
1871	Phase 3	6	2	14	37.81320732	-121.284526	601 Mingo Way : ASPCUT	7.00
1887	Phase 3	6	2	10	37.81320044	-121.285244	585 Mingo Way : ASPCUT	5.00
1888	Phase 3	12	5	10	37.81319508	-121.285463	581 Mingo Way : ASPCUT	10.63
1901	Phase 3	10	3	11	37.8131476	-121.286314	533 Mingo Way : ASPCUT	8.94
1930	Phase 3	8	2	11	37.81295955	-121.287835	460 Mingo Way : ASPCUT	6.88
1936	Phase 3	6	2	10	37.81298738	-121.286945	16394 Warfield Rd on Mingo Way : ASPCUT	5.00
1944	Phase 3	8	0	3	37.81302627	-121.285637	572 Mingo Way : OC	1.50
1947	Phase 3	6	0	3	37.81301596	-121.285552	572 Mingo Way : OC	1.13
1956	Phase 3	7	0	3	37.81304894	-121.285173	585 Mingo Way : across from OC XCUT	1.31
1969	Phase 3	7	4	4.5	37.81300372	-121.28349	16416 Cambridge Dr on Mingo Way :	3.09
1971	Phase 3	6	4	4.5	37.8130186	-121.283351	16416 Cambridge Dr on Mingo Way :	2.81
1982	Phase 3	6	5	4.5	37.81303234	-121.281461	948 Mingo Way :	3.09
2007	Phase 3	6	2	4.5	37.81224113	-121.288073	458 Aztec Ln :	2.25
2031	Phase 3	10	0	4	37.81247239	-121.284926	589 Libby Ln : OC	2.50
2036	Phase 3	8	0	2	37.81250273	-121.285426	568 Libby Ln : across from OC XCUT	1.00
2045	Phase 3	6	2	4.5	37.81246527	-121.286455	527 Libby Ln :	2.25
2059	Phase 3	8	1	13	37.8138886	-121.282665	811 Toro Ln : ASPCUT	7.31
2061	Phase 3	11	3	13	37.81383336	-121.282845	755 Toro Ln : ASPCUT	11.38
2069	Phase 3	6	2	4.5	37.81600863	-121.280361	16099 Matador Way :	2.25
2077	Phase 3	7	0	3	37.81499861	-121.280729	1111 Sherrie Ct : OG	1.31
2083	Phase 3	11	3	4.5	37.81416562	-121.280734	1001 Toro Ln on Matador Way : OG	3.94
2085	Phase 3	9	3	4.5	37.81411889	-121.280727	1001 Toro Ln on Matador Way : OG	3.38
2088	Phase 3	7	0	4	37.81367348	-121.280718	16345 Matador Way : OC	1.75
2091	Phase 3	6	0	2	37.81328996	-121.280649	1005 Mingo Way on Matador Way : XCUT	0.75
2110	Phase 3	10	9	4.5	37.81553631	-121.278723	1129 Cannella Dr : OG	5.34
2128	Phase 3	6	1	4	37.8139202	-121.278603	1150 Matthew Ct : Crack	1.75
2148	Phase 3	6	0	6.5	37.8154149	-121.278425	16131 5th St on Canella Dr :	2.44
2156	Phase 3	7	2	4.5	37.8158417	-121.276856	1251 Cannella Ct :	2.53
2157	Phase 3	6	0	3.5	37.8158204	-121.276902	1251 Cannella Ct :	1.31
2172	Phase 3	7	0	4.5	37.81231066	-121.277328	1357 E Louise Ave on 5th St : Crack JUMP	1.97
2173	Phase 3	7	0	1.5	37.81227772	-121.277307	1357 E Louise Ave on 5th St : XCUT	0.66
2180	Phase 3	6	2	6.5	37.81276157	-121.277304	1357 E Louise Ave on 5th St :	3.25
2197	Phase 3	10	3	14	37.81398268	-121.277628	16230 5th St on Shnoop Ct : ASPCUT	11.38
2201	Phase 3	7	2	14	37.81553564	-121.278207	16120 5th St : ASPCUT	7.88
2206	Phase 3	10	5	15	37.81604819	-121.278234	16100 5th St : ASPCUT	14.06
2210	Phase 3	8	2	5	37.82231011	-121.278361	15431 5th St : ASPCUT	3.13
2217	Phase 3	8	0	4.5	37.82166922	-121.278361	15491 5th St : ASPCUT	2.25
2221	Phase 3	7	0	3	37.82150532	-121.278409	15517 5th St : ASPCUT	1.31
2224	Phase 3	11	0	4.5	37.82135905	-121.278404	15517 5th St : ASPCUT	3.09
2235	Phase 3	8	5	5	37.82057581	-121.278398	15600 5th St : across from ASPCUT	4.06
2247	Phase 3	10	5	3	37.81911714	-121.278374	1025 Thomsen Rd on 5th St : ASPCUT	2.81
2258	Phase 3	6	0	6.5	37.8154004	-121.27844	16131 5th St :	2.44
2274	Phase 3	12	4	4.5	37.81342839	-121.277603	1165 Mingo Way on 5th St : OG	4.50
2275	Phase 3	6	3	14	37.81332508	-121.277633	1165 Mingo Way on 5th St : ASPCUT	7.88
2276	Phase 3	13	0	3.5	37.81314227	-121.277613	1160 Mingo Way on 5th St : XCUT	2.84
2295	Phase 3	6	0	8	37.81232311	-121.291383	399 E Louise Ave on Harlan Rd :	3.00
2296	Phase 3	14	0	5	37.81240928	-121.291398	399 E Louise Ave on Harlan Rd :	4.38
2299	Phase 3	7	0	7	37.81243995	-121.291421	399 E Louise Ave on Harlan Rd :	3.06
2323	Phase 3	9	0	4	37.81297388	-121.291817	16424 S Harlan Rd :	2.25
2328	Phase 3	6	0	6	37.81287707	-121.29221	269 E Louise Ave on Harlan Rd :	2.25
2329	Phase 3	7	0	6	37.81274585	-121.291997	269 E Louise Ave on Harlan Rd :	2.63
2330	Phase 3	7	0	2	37.81205686	-121.291716	200 E Louise Ave on Harlan Rd : XCUT	0.88
2331	Phase 3	8	0	3	37.81210367	-121.291705	200 E Louise Ave on Harlan Rd : XCUT	1.50
2332	Phase 3	12	0	3.5	37.81205866	-121.29171	200 E Louise Ave on Harlan Rd : XCUT	2.63
2346	Phase 3	6	0	5	37.81420447	-121.293683	16211 Sedona Ln on Harlan Rd :	1.88
2366	Phase 3	8	3	7	37.81167221	-121.293816	100 E Louise Ave :	4.81
2371	Phase 3	6	1	7	37.81164932	-121.293159	100 E Louise Ave :	3.06
2378	Phase 3	7	0	1.5	37.81168365	-121.29277	150 E Louise Ave : XCUT	0.66
2380	Phase 3	10	0	5.5	37.81168747	-121.292725	150 E Louise Ave : OG	3.44
2395	Phase 3	7	0	3	37.81012344	-121.293472	16905 Harlan Rd : XCUT	1.31
2401	Phase 3	6	0	4.5	37.81015015	-121.293648	16905 Harlan Rd : OG XCUT	1.69
2411	Phase 3	9	0	6	37.81001282	-121.294731	16851 S Harlan Rd :	3.38
2412	Phase 3	10	0	4	37.80989456	-121.295105	16851 S Harlan Rd : XCUT	2.50
2414	Phase 3	8	0	3	37.80987167	-121.295113	16851 S Harlan Rd : XCUT	1.50
2415	Phase 3	6	0	2	37.80990219	-121.295082	16851 S Harlan Rd : XCUT	0.75
2425	Phase 3	6	2	2	37.80975342	-121.294754	16905 Harlan Rd :	1.00

ATTACHMENT B

CITYWIDE SIDEWALK IMPROVEMENTS, CIP PS 24-08
CUPCCAA INFORMAL BID SOLICITATION

PROJECT SPECIFICATIONS



City of Lathrop
Department of Public Works

GENERAL SPECIFICATIONS

CITYWIDE SIDEWALK IMPROVEMENTS
CIP PS 24-08



SECTION 01010

**SECTION 01010
SUMMARY OF WORK**

PART 1 – GENERAL

1.1 THE REQUIREMENT

- A. The WORK to be performed under this Contract shall consist of furnishing parts, tools, equipment, materials, supplies and manufactured articles, and furnishing all labor, transportation and services, including fuel, power, water and essential communications, and performing all work or other operations required for the fulfillment of the Contract in strict accordance with the Contract Documents. All work, materials and services not expressly indicated or called for in the Contract Documents, which may be necessary for the complete and proper construction of the WORK in good faith shall be provided.
- B. The WORK will conform to the City of Lathrop Design & Construction Standards, the most recent edition of the Caltrans Standard Plans and Standard Specifications, as well as to the City of Lathrop Municipal/City Code. The most stringent will govern.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. The WORK of this Contract comprises the improvements of the Citywide Sidewalk Improvements CIP PS 24-08 as listed in the Bid Item List, in Lathrop, CA as defined in the Contract Documents.

The WORK for the Citywide Sidewalk Improvements Project includes but is not limited to the following major work items and requirements:

- 1. The work shall include mobilization, cutting, grinding of sidewalk Portland Cement Concrete as shown in the construction documents;
 - 2. General Requirements of these Specifications;
 - 3. Technical Requirements of these Specifications;
 - 4. All work on this project will be coordinated with the City's Engineering and Public Works staff;
 - 5. Provide training for the City and facility operation personnel;
 - 6. Provide O&M manuals for equipment.
- B. The WORK includes obtaining any permits related or required by the Contract. The City will pay for permits under City of Lathrop purview.

SECTION 01010

1.3 WORK BY OTHERS

- A. Where two (2) or more Contracts are being performed at one time on the same Site or adjacent land in such manner that work under one (1) Contract may interfere with work under another, the sequence and order of the WORK in either or both Contracts to the agreement of both contracting entities shall be determined. When the Site of one (1) Contract is the necessary or convenient means of access for performance of work under another, the privilege of access or other reasonable privilege to the CONTRACTOR so desiring may be granted, to the extent, amount, and in manner and at a time that shall be determined. Conduct its operations so as to cause a minimum of interference with the work of such other contractors, and shall cooperate fully with such contractors to allow continued safe access to their respective portions of the Site, as required to perform work under their respective contracts.
- B. Interference with Work on Utilities: Cooperate fully with all utility forces or forces of other public or private agencies engaged in the relocation, altering, or otherwise rearranging of any facilities, which interfere with the progress of the WORK, and shall schedule the WORK so as to minimize interference with said relocation, altering or other rearranging of facilities. Any delays, reduction in work efficiency or hardships incurred shall be identified and resolved to the satisfaction of both parties.

1.4 USE OF SITE

- A. Use of the Site shall be limited to its construction operations, including on-site storage of materials, on-site fabrication facilities and field offices.
- B. All or part of the existing Site may be utilized during the entire period of construction for the conduct of normal operations. Cooperate and coordinate to facilitate operations and to minimize interference with the operations at the same time. In any event, access to the site during the period of construction shall be allowed.

1.5 GENERAL

- A. All reference to the Standard Specifications and Plans refer to the most recent edition of the California Department of Transportation (Caltrans) Standard Specifications and Plans. If there have been recent significant revisions to Caltrans Standard Specification, the Senior Construction Manager will determine which specification to use. Senior Construction Manager, Ken Reed can be reached at (209) 941-7363; email: kreed@ci.lathrop.ca.us.

(END OF SECTION)

SECTION 01025

SECTION 01025
MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.1 THE REQUIREMENT

- A. Furnish all necessary labor, machinery, tools, apparatus, equipment, materials, services and other necessary supplies and perform all work shown on the Drawings and/or described in the Specifications and Contract Documents at the Lump Sum Price.

1.2 PROGRESS AND PAYMENT SCHEDULES

- A. Within 15 days after the date of formal execution of the Agreement, prepare and submit, for approval, a Construction Schedule, which depicts the plan for completing the Contract requirements.
- B. Maintain a current Construction Schedule updated monthly at the Site available for inspection. The Schedule shall reflect all approved Change Orders and their impact to the Project Schedule.

1.3 CONDITIONS FOR PAYMENT

- A. Make payments for acceptable work in place and materials properly stored on-site. The value of payment shall be as established on the approved Schedule of Values. Terms of payment shall be as stated in the Contract Agreement.

1.4 CLAIMS FOR EXTRA WORK (See also the Contract)

- A. If any claims that instructions by the Governmental Agency or others involve extra cost, the CONTRACTOR shall give written notice of said claim within 15 days after the receipt of such instructions, and in any event before proceeding to execute the work, stating clearly and in detail the basis of his claim or claims. No such claim shall be valid unless so made.
- B. If, on the basis, of the available evidence, the determination is made that an adjustment of the Contract Price or time is justifiable, the procedure shall then be as provided in the Contract.

(END OF SECTION)

**SECTION 01040
COORDINATION**

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. The CONTRACTOR shall coordinate the WORK of all crafts, trades and subcontractors engaged on the WORK and he shall have final responsibility in regards to the Schedule, workmanship and completeness of each and all parts of the WORK.
- B. All crafts, trades and subcontractors shall be made to cooperate with each other and with others, as they may be involved in the installation of work, which adjoins, incorporates, precedes or follows the work of another. It shall be the CONTRACTOR's responsibility to point out areas of cooperation prior to execution of subcontractors Agreements and the assignment of the parts of the WORK. Each craft, trade and subcontractor shall be responsible to the CONTRACTOR, for furnishing embedded items, giving directions for doing all cutting and fitting, making all provisions for accommodating the WORK and for protecting, patching, repairing and cleaning as required to satisfactorily perform the WORK.
- C. The CONTRACTOR shall be responsible for supervising all cutting, digging and other action of his subcontractors and workers. Where such action impairs the safety or function of any structure or component of the Project as determined by the ENGINEER, the CONTRACTOR shall make such repairs, alterations and additions as will bring said structure or component back to its original design condition at no additional cost to the OWNER.
- D. The CONTRACTOR is expected to be familiar with the General Requirements and all Sections of the detailed Specifications for all other trades and to study all Drawings applicable to his WORK to the end that complete coordination between the trades will be affected. CONTRACTOR shall submit the Request for Information (RFI) to the ENGINEER if conflicts exist within the Contract Documents.

The CONTRACTOR shall review the RFI and submit, with comments, to the ENGINEER for review and response. The RFI request should include a requested response date. The ENGINEER will make every effort to meet that requested date. However, the ENGINEER will have 14 business days to review and respond back to the CONTRACTOR. If the natures of the RFI or circumstances surrounding the RFI are beyond the control of the ENGINEER, requiring the need of more than 14 business days, the ENGINEER will notify the CONTRACTOR within five business days of receipt that it will take longer than 14 business days. At that time, the CONTRACTOR and ENGINEER will establish an agreed upon response date.

Upon receipt of the RFI response, the CONTRACTOR shall distribute the RFI response as necessary. The CONTRACTOR will be required to keep and maintain a numbered log of

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the RFI's and responses. A copy of the log, and detail of each RFI shall be submitted to the ENGINEER for Project closeout.

- E. At the discretion of the ENGINEER, additional clarification information may be provided to the CONTRACTOR, regarding the Contract Documents. This notification shall be submitted on an Engineering Supplemental Information (ESI) form. It is the intent of the ESI to provide additional clarification information to the Contract Documents. It is the intent of the ENGINEER to transmit the ESI's in a timely manner. However, the ENGINEER shall not be held responsible for rework to work performed prior to issuance of the ESI.

(END OF SECTION)

SECTION 01045

**SECTION 01045
CUTTING AND PATCHING**

PART 1 – GENERAL

1.1 THE REQUIREMENT

- A. Perform all WORK associated with cutting and patching for connection to existing water and sewer lines. This shall be complete and operable, in accordance with the Contract Documents.
- B. Do not cut and patch in a manner that would result in: a failure of the WORK to perform as intended; decreased energy performance; increased maintenance; decreased-operational life, or decreased safety.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Match existing materials for cutting and patching work with new materials conforming to Project Requirements.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Inspect conditions prior to WORK to identify scope and type of WORK required. Protect adjacent WORK. Notify ENGINEER and the OWNER of WORK requiring interruption to the OWNERS operations.
- B. Perform WORK with Workmen skilled in the trades involved.
- C. Cutting: Use cutting tools, not chopping tools. Make neat holes. Minimize damage to adjacent work. Check for concealed utilities and structure before cutting.
- D. Patching: Make patches, seams and joints durable and inconspicuous. Comply with tolerances for new WORK.
- E. Clean WORK area and areas affected by cutting and patching operations.

(END OF SECTION)

SECTION 01090

SECTION 01090 REFERENCE STANDARDS

PART 1 – GENERAL

1.1 GENERAL

- A. Titles of Sections and Paragraphs: Titles and Subtitles accompanying Specification Sections and paragraphs are for convenience and Reference only and do not form a part of the Specifications.
- B. Applicable Publications: Whenever in these Specifications References are made to Published Specifications, Codes, Standards or other Requirements, it shall be understood that wherever no date is specified, only the latest Specifications, Standards or Requirements of the respective issuing agencies, which have been published as of the date that the Contract shall apply; except to the extent that said Standards or Requirements may be in conflict with applicable Laws, Ordinances or Governing Codes. No Requirements set forth in the Specifications or shown on the Drawings will be waived because of any provision of, or omission from, said Standards or Requirements.
- C. Specialists, Assignments: In certain instances, Specification text requires (or implies) that specific WORK is to be assigned to specialists or expert entities, who must be engaged for the performance of that WORK. Such assignments shall be recognized as Special Requirements. These Requirements shall not be interpreted so as to conflict with the enforcement of Building Codes and similar Regulations Governing the WORK; also, they are not intended to interfere with Local Union Jurisdiction Settlements and similar conventions. Such assignments are intended to establish which party or entity involved in a specific unit of work is recognized as "Expert" for the indicated construction processes or operations. Nevertheless, the final responsibility for fulfillment of the entire set of Contract Requirements remains.

1.2 REFERENCE SPECIFICATIONS, CODES AND STANDARDS

- A. Construct the WORK in accordance with the Contract Documents and the referenced portions of those Referenced Codes, Standards and Specifications.
- B. Verify the following references agree with the plans and local requirements - References herein to "Building Code" shall mean California Building Code (CBC) 2016. Similarly, references to "Mechanical Code" or "International Mechanical Code," "Plumbing Code" or "Uniform Plumbing Code," "Fire Code" or "International Fire Code," shall mean California Mechanical Code (CMC) 2016, California Plumbing Code (CPC) 2016 and California Fire Code (CFC) 2016. "Electric Code" or "National Electric Code (NEC)" shall mean the California Electrical Code (CEC) 2016, and National Electric Code of the National Fire Protection Association (NFPA) 2017. The latest edition of the codes as approved by the Municipal Code and used by the local agency as of the date that the WORK is advertised for bids, as adopted by the agency having jurisdiction, shall apply to the

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WORK herein, including all Addenda, Modifications, Amendments, or other Lawful changes thereto.

- C. In case of conflict between Codes, Reference Standards, Drawings and the other Contract Documents, the most stringent Requirements shall govern. All conflicts shall be brought to the attention of the ENGINEER for clarification and directions prior to ordering or providing any materials or furnishing labor through the RFI process. The most stringent Requirements may be bid on.
 - D. References herein to "OSHA Regulations for Construction" shall mean Title 29, Part 1926, Construction Safety and Health Regulations, Code of Federal Regulations (OSHA), including all changes and amendments thereto.
 - E. References herein to "OSHA Standards" shall mean Title 29, Part 1910, Occupational Safety and Health Standards (OSHA), Code of Federal Regulations, including all changes and Amendments thereto.
 - F. Applicable Standard Specifications: References in the Contract Documents to "Standard Specifications" or SSPWC shall mean the Standard Specifications for Public Works Construction, the most recent edition of the Caltrans Standard Plans and Standard Specifications or the City of Lathrop Design & Construction Standards.
- 1.3 REGULATIONS RELATED TO HAZARDOUS MATERIALS
- A. Responsibility for all work included in the Contract Documents, regardless if shown or not, shall comply with all EPA, OSHA, RCRA, NFPA, and any other Federal, State, and Local Regulations governing the storage and conveyance of hazardous materials, including petroleum products.

(END OF SECTION)

SECTION 01294

SECTION 01294
APPLICATIONS FOR PAYMENT

PART 1 -- GENERAL

1.1 SUMMARY

- A. Section Includes: Procedures for preparation and submittal of Applications for Payment.
- B. Related Section:
 - 1. Section 01310 - Progress Schedules and Reports.

1.2 FORMAT

- A. Develop satisfactory spreadsheet-type form generated by downloading cost data from the Progress Schedule.
- B. Fill in information required on form.
- C. When Change Orders are executed, add Change Orders at end of listing of scheduled activities.
 - 1. Identify change order by number and description.
 - 2. Provide cost of change order in appropriate column.
- D. After completing, submit Application for Payment.
- E. The ENGINEER will review application for accuracy. When accurate, the ENGINEER will transmit application to CITY for processing of payment.
- F. Execute application with signature of responsible officer of CONTRACTOR.

1.3 SUBSTANTIATING DATA

- A. Provide Substantiating Data with cover letter identifying:
 - 1. Project.
 - 2. Application number and date.
 - 3. Detailed list of enclosures.
 - 4. For stored products with item number and identification on application, description of specific material, and proof of insurance coverage for offsite stored products and copies of invoices.
 - 5. Submit "certified" payroll where required in the Contract.

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1.4 SUBMITTALS

- A. Submit one copy of Application for Payment and Substantiating Data with cover letter in electronic format to the Senior Construction Manager at kreed@ci.lathrop.ca.us
- B. Coordinate requirements with the Contract General Conditions, Article 4 - Progress Payments to Contractor.

1.5 PAYMENT REQUESTS

- A. Prepare progress payment requests on a monthly basis. Base requests on the breakdowns of costs for each scheduled activity and the percentage of completion for each activity.
- B. Indicate total dollar amount of work planned for every month of the project. Equate sum of monthly amounts to Lump Sum Contract Price.
- C. Generate Progress Payment request forms by downloading cost data from the schedule information to a spreadsheet type format. Identify each activity on the Progress Schedule that has a cost associated with it, the cost for each activity, the estimated percent complete for each activity, and the value of work completed for both the payment period and job to date.
- D. Prepare summary of cost information for each Major Item of Work listed in the Schedule of Values. Identify the value of work completed for both the payment period and job to date.
- E. Submit progress payment requests at progress meetings.

(END OF SECTION)

SECTION 01310

SECTION 01310
PROGRESS SCHEDULES AND REPORTS

PART 1 – GENERAL

1.1 SUMMARY

- A. Section Includes: Preparation, submittal and maintenance of computerized progress schedule and reports, contract time adjustments and payment requests, including the following:

1. Preliminary Schedule
2. Baseline Schedule
3. Weekly Schedule
4. Schedule Updates
5. Schedule Revisions
6. Time Impact Analyses
7. Final Schedule Submittal

- B. Related Sections:

NOT USED

- C. OWNER reserves the right to disapprove scheduler when submitted by CONTRACTOR if not qualified. OWNER reserves the right to remove scheduler from the project if found to be incompetent.

1.2 PRECONSTRUCTION SCHEDULING MEETING

- A. The CONTRACTOR will conduct a Preconstruction Schedule Meeting within 14 Calendar days after Notice to Proceed. This meeting is separate from the Preconstruction Conference Meeting and is intended to cover schedule issues exclusively.
- B. At the meeting, scheduling requirements shall be reviewed with CONTRACTOR. These include schedule preparation, reporting requirements, updates, revisions and schedule delay analysis. CONTRACTOR shall present their schedule methodology, planned sequence of operations and present their proposed activity coding structure.
- C. Coding Structure: CONTRACTOR shall submit proposed coding structure, identifying the code fields and the associated code values it intends to use in the project schedule. The coding structure shall, at a minimum, include code fields for Project Segment or Phase,

SECTION 01310

Area of Work, Type of Work, Submittal/Procurement/Construction and Responsibility/Subcontractor.

1.3 PREPARATION

- A. Preparation and submittal of Progress Schedule represents CONTRACTOR'S intention to execute the WORK within specified time and constraints.
- B. During preparation of the preliminary Progress Schedule, ENGINEER will facilitate CONTRACTOR efforts by being available to answer questions regarding sequencing issues, scheduling constraints, interface points and dependency relationships.
- C. Failure to include an activity required for execution of the Work does not excuse CONTRACTOR from completing the WORK and portions thereof within specified times and at price specified in Agreement. Failure of CONTRACTOR to include required schedule constraints, sequences or milestones in schedule shall not relieve CONTRACTOR of obligation to conform to requirements of Contract. Acceptance of schedule shall not waive Contract requirements. In event of conflict between accepted schedule and Contract requirements, terms of Contract shall govern at all times, unless requirements are waived in writing by the CITY.
- D. Reference Schedule to calendar days with beginning of Contract Time as Day "1."
- E. Should CONTRACTOR submit a Baseline Schedule showing project completion more than 20 working days prior to Contract completion date OWNER may issue Change Order, at no cost to OWNER, revising time of performance of WORK and Contract completion date to match CONTRACTOR'S schedule completion date. Contract milestone dates, if any, shall be adjusted accordingly.
- F. Schedule Logic: Schedule shall be assembled to show order in which CONTRACTOR proposes to carry out WORK, indicate restrictions of access, availability of Work areas, and availability and use of manpower, materials and equipment. Following criteria shall form basis for assembly of schedule logic.
 - 1. Which activities must be completed before subsequent activities can be started?
 - 2. Which activities can be performed concurrently?
 - 3. Which activities must be started immediately following completed activities?
 - 4. What major facility, equipment or manpower restrictions are required for sequencing these activities?

1.4 SUBMITTAL OF PROGRESS SCHEDULES

- A. Submit preliminary progress schedule.

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PROGRESS SCHEDULES AND REPORTS

- B. Submit, on a monthly basis, updated schedules as specified. Submit final schedule update as specified.
- C. Submit revised schedules and time impact analyses as specified.

1.5 NETWORK DETAILS AND GRAPHICAL OUTPUT

- A. Produce a clear, legible and accurate calendar based, time scaled, graphical network diagram. Group activities related to the same physical areas of the WORK. Produce the network diagram based upon the early start of all activities.
- B. Include for each activity, the description, activity number, estimated duration in calendar days, total float and all activity relationship lines.
- C. Illustrate order and interdependence of activities and sequence in which WORK is planned to be accomplished. Incorporate the basic concept of the precedence diagram network method to show how the start of one activity is dependent upon the start or completion of preceding activities and its completion restrict the start of following activities.
- D. Indicate the critical path for the project.
- E. Identify system shutdown dates, system tie-in dates, specified interim completion or milestone dates and contract completion date as milestones.
- F. Include, in addition to Construction Activities:
 - 1. Submission dates and review periods for major equipment submittals.
 - 2. Any activity by the OWNER that may affect progress or required completion dates.
 - 3. Equipment and long-lead material deliveries over eight (8) weeks.
 - 4. Approvals required by regulatory agencies or other third parties.

1.6 SCHEDULE OF SHOP DRAWING AND SAMPLE SUBMITTALS

- A. After the Schedule has been submitted and accepted by OWNER, CONTRACTOR shall print out, submit list of all shop drawings and sample submittals for all WORK using early start dates. This listing will contain all submittals required for the entire WORK including those listed above.

1.7 UPDATING THE SCHEDULE

- A. Update the schedule on a monthly basis, using the first of each month as a data date.
- B. Should monthly Schedule Update show project completion later than current Contract completion date, CONTRACTOR shall prepare and submit a plan to show how the project will get back on schedule.

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1.8 REVISIONS TO SCHEDULE

- A. Submit revised schedule within five (5) calendar days:
 - 1. When delay in completion of any activity or group of activities indicates an overrun of the Contract time or milestone dates by 20 working days or 5% of the remaining duration, whichever is less.
 - 2. When delays in submittals, deliveries or work stoppages are encountered making necessary the replanning or rescheduling of activities.
 - 3. When the schedule does not represent the actual progress of activities.
 - 4. When any change to the sequence of activities, the completion date for major Portions of the work or when changes occur which affect the critical path.
 - 5. When Contract modification necessitates schedule revision, submit schedule analysis of change order work with cost proposal.
- B. Submit revised schedule and materials as specified under Article, "Submittal of Progress Schedule."
- C. Make revisions on most recently accepted version of schedule.
- D. Schedule Revisions shall not be prepared or submitted with Schedule Updates. They shall be separate submittals and shall be noted as Schedule Revisions.
- E. Only upon acceptance of a revision by the OWNER shall it be reflected in the next monthly Schedule Update.
- F. Schedule Revisions submitted for the purpose of mitigating a CONTRACTOR caused project delay (Recovery Schedule) shall not be implemented until the OWNER reviews and accepts the Schedule Revision.

1.9 ADJUSTMENT OF CONTRACT TIMES

- A. If the CONTRACTOR believes that the OWNER has impacted its work, such that the project completion date will be delayed, the CONTRACTOR must submit proof demonstrating the delay to the critical path. This proof, in the form of a Time Impact Analysis, may entitle the CONTRACTOR to an adjustment of contract time.

(END OF SECTION)

**SECTION 01329
SAFETY PLAN**

PART 1 – GENERAL

1.1 SUMMARY

- A. Section Includes: Development and maintenance of a Construction Safety Plan.

1.2 REFERENCES

- A. California Labor Code
- B. OSHA.

1.3 CONSTRUCTION SAFETY PLAN

- A. Detail the Methods and Procedures to comply with California Labor Code, Federal, and Local Health and Safety Laws, Rules and Requirements for the duration of the Contract Times. Include the following:
 - 1. Identification of the Certified or Licensed Safety Consultant who will prepare, initiate, maintain and supervise safety programs, and procedures.
 - 2. Procedures for providing workers with an awareness of safety and health hazards expected to be encountered in the course of construction.
 - 3. Safety equipment appropriate to the safety and health hazards expected to be encountered during construction. Include warning devices, barricades, safety equipment in public right-of-way and protected areas, and safety equipment used in multi-level structures.
 - 4. Methods for minimizing employees' exposure to safety and health hazards expected during construction.
 - 5. Procedures for reporting safety or health hazards.
 - 6. Procedures to follow to correct a recognized safety and health hazard.
 - 7. Procedures for investigation of accidents, injuries, illnesses and unusual events that have occurred at the construction site.
 - 8. Periodic and scheduled inspections of general work areas and specific work stations.
 - 9. Training for employees and workers at the jobsite.
 - 10. Methods of communication of safe working conditions, work practices and required personal protection equipment.

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- B. Assume responsibility for every aspect of Health and Safety on the jobsite, including the health and safety of Subcontractors, suppliers, and other persons on the jobsite.
 - 1. Forward available information and reports to the Safety Consultant who shall make the necessary recommendations concerning worker health and safety at the jobsite.
 - 2. Employ additional health and safety measures specified by the Safety Consultant, as necessary, for workers in accordance with OSHA guidelines.
- C. Transmit to OWNER and ENGINEER copies of reports and other documents related to accidents or injuries encountered during construction.

(END OF SECTION)

SECTION 01400

SECTION 01400 QUALITY CONTROL

PART 1 – GENERAL

1.1 THE REQUIRMENT

- A. The Specific Quality Control Requirements for the WORK are indicated throughout the Contract Documents. The Requirements of this Section are primarily related to performance of the WORK beyond furnishing of manufactured products. The term "Quality Control" includes preactivity inspection, follow up meetings, sampling and testing, and associated requirements.

1.2 INSPECTION AT PLACE OF MANUFACTURE

- A. Unless otherwise indicated, all products, materials, and equipment shall be subject to inspection by the ENGINEER at the place of manufacture.
- B. Unless noted otherwise, the presence of the ENGINEER at the place of manufacturer is not required; however, this shall not relieve responsibility for providing products, materials and equipment that comply with all requirements of the Contract Documents.

1.3 SAMPLING AND TESTING

- A. Unless otherwise indicated, all sampling and testing will be in accordance with the methods prescribed in the current standards of the ASTM, as applicable to the class and nature of the article or materials considered.

1.4 INSPECTION AND TESTING SERVICE

- A. Inspection and testing laboratory service shall comply with the following:
 - 1. Unless indicated otherwise by the Technical Specifications, an independent firm will be appointed and employed by the CONTRACTOR to perform special inspection and soils and concrete testing.
 - 2. Perform inspections, testing and other services as required.
 - 3. Submit Reports of Testing to the ENGINEER, CONTRACTOR and OWNER if required in duplicate, indicating observations and results of tests and indicating compliance or non-compliance with Contract Documents.
 - 4. Cooperate with the independent firm and furnish samples of materials, design mix, equipment, tools, storage and assistance as requested.
 - 5. Notification prior to the expected time for operations requiring inspection and laboratory testing services is required.

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QUALITY CONTROL

6. The same independent firm on instructions shall perform retesting required because of non-conformance to requirements.
7. For tests and samples required, arrangements shall be made with an independent firm for payment and scheduling of testing. Responsibility shall be taken for the cost of sampling and testing.
8. Provide an overall report on inspection and test results for project closeout.

PART 2 – EXECUTION

2.1 INSTALLATION

- A. Inspection: Inspect materials or equipment upon arrival on the job site, prior to installation and reject damaged and defective items.
- B. Measurements: Verify measurements and dimensions of the WORK, as an integral step of starting each installation.
- C. Manufacturer's Instructions: Where installations include manufactured products, compliance with manufacturer's applicable instructions and recommendations for installation, to whatever extent these are more explicit or more stringent than applicable requirements indicated in Contract Documents is required.

(END OF SECTION)

SECTION 01420

SECTION 01420
AS BUILT DRAWINGS

PART 1 – GENERAL

1.1 THE REQUIRMENT

- A. The CONTRACTOR and its Subcontractors at the start of the project shall provide a clean set of Drawings and mark on them, in large writing “As Built.” This set of drawings will be kept at the job site trailer and used to indicate with a red pencil, pen or marker the “As Built” conditions of the project. These drawings will be updated as the work progresses to reflect the “As Built” conditions.
- B. The CONTRACTOR shall be responsible to ensure that the “As Built” drawings are being kept up to date.
- C. Upon substantial completion, the CONTRACTOR shall obtain all “As Built” drawings and review them for accuracy and completeness. After the CONTRACTOR has reviewed and confirmed accuracy and completeness of the “As Built” drawings, the CONTRACTOR shall submit the drawings and survey information to the ENGINEER of record.
- D. Upon receipt of the “As Built” drawings the ENGINEER shall make all necessary changes to the documents and provide a Record Drawing set to the CONTRACTOR for their use and distribution as required for project closeout, see Section 01700.

(END OF SECTION)

**SECTION 01505
MOBILIZATION**

PART 1 – GENERAL

1.1 Requirements

- A. Mobilization shall include a verification by the CONTRACTOR that all permits have been obtained; moving onto the site of all plant and equipment; furnishing and erecting plants, temporary buildings and other construction facilities; and implementing security requirements; all as required for the proper performance and completion of the WORK. Mobilization shall include the following principal items:

1. Moving onto the site of materials and equipment required for first month operations
2. Installing temporary construction power, wiring, security fencing and lighting facilities if applicable.
3. Establishing a fire protection system as required.
4. Developing a construction water supply as required.
5. Providing field office trailers, complete with all specified furnishings and utility services (if available) including telephones, telephone appurtenances and copying machine
6. Providing all on-site communication facilities including telephones
7. Providing on-site sanitary facilities and potable water facilities.
8. Arranging for and erection of work and storage yard
9. Obtained all required permits for the project.
10. Comply with all OSHA required notices and establish a safety program
11. Having the superintendent or authorized representatives at the job site as required for execution of the work
12. Provide and implement an on-site Construction ESCP features and requirements complying with Section 01565 – Erosion and Sediment Control.
13. Provide and implement an on-site Dust Control Plan features and requirements complying with Section 01560 and 01563.
14. Supplying, erecting, maintaining and removing temporary construction site fencing.

B. Measurement and Payment

Unless otherwise noted, measurement and payment for the contract work shall be in accordance with Section 01025 of the General Requirements. Full compensation for conforming to the requirements of the various sections within these Contract Documents (including the Bidding and Contract Documents, General Requirements and Technical Requirements), shall be considered as included in the prices paid for the various contract items of work involved (as listed on the Bid Schedule) and no additional compensation will be allowed

(END OF SECTION)

SECTION 01530

SECTION 01530 PROTECTION OF EXISTING FACILITIES

PART 1 – GENERAL

1.1 THE REQUIREMENT

- A. Protect all existing utilities and improvements, not designated for removal, CONTRACTOR shall restore damaged or temporarily relocated utilities and improvements to a condition equal to or better than prior to such damage or temporary relocation, all in accordance with the Contract Documents.
- B. Submit Protection Plan prior to commencement of Work in accordance with Section 01300 Submittals.

1.2 RIGHTS-OF-WAY

- A. WORK that would affect any oil, gas, sewer, or water pipeline; any telephone, telegraph, or electric transmission line; any fence; or any other structure, shall not be performed nor shall the entry upon the rights-of-way involved until notified that authority has been secured from the proper party.
- B. After authority has been obtained, said party shall be given due notice of its intention to begin work, if required by said party, and shall remove, shore, support, or otherwise protect such pipeline, transmission line, ditch, fence, or structure, or replace the same.

1.3 PROTECTION OF STREET OR ROADWAY MARKERS

- A. Do not destroy, remove or otherwise disturb any existing survey markers or other existing street or roadway markers without proper authorization. No pavement breaking or excavation shall be started until all survey or other permanent marker points that will be disturbed by the construction operations have been properly referenced. Survey markers or points disturbed shall be accurately restored after street or roadway resurfacing has been completed.

1.4 RESTORATION OF PAVEMENT

- A. General: All paved areas including asphaltic concrete berms cut or damaged during construction shall be replaced with similar materials of equal thickness to match the existing adjacent undisturbed areas, except where specific resurfacing requirements have been called for in the Contract Documents or in the requirements of the agency issuing the permit. The pavement restoration requirement to match existing sections shall apply to all components of existing sections, including sub-base, base, and pavement. Temporary and permanent pavement shall conform to the requirements of the affected pavement owner. Pavements that are subject to partial removal shall be neatly, saw cut in straight lines.

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- B. Temporary Resurfacing: Wherever required by the public authorities having jurisdiction, place temporary surfacing promptly after backfilling and shall maintain such surfacing for the period of time fixed by said authorities before proceeding with the final restoration of improvements.
- C. Permanent Resurfacing: In order to obtain a satisfactory junction with adjacent surfaces, saw cut back and trim the edge so as to provide a clean, sound, vertical joint before permanent replacement of an excavated or damaged portion of pavement. Edges of damaged pavement, along excavations and elsewhere, shall be trimmed back by saw cutting in straight lines. All pavement restoration and other facilities restoration shall be constructed to finish grades compatible with adjacent undisturbed pavement.
- D. Restoration of Sidewalks or Private Driveways: Wherever sidewalks or private roads have been removed for purposes of construction, place suitable temporary sidewalks or roadways promptly after backfilling and shall maintain them in satisfactory condition for the period of time fixed by the authorities having jurisdiction over the affected portions. If no such period of time is so fixed, maintain said temporary sidewalks or roadways until the final restoration thereof has been made.

1.5 EXISTING UTILITIES AND IMPROVEMENTS

- A. General: Protect underground Utilities and other improvements, which may be impaired during construction operations, regardless of whether or not the Utilities are indicated on the Drawings. Take all possible precautions for the protection of unforeseen Utility lines to provide for uninterrupted service and to provide such special protection as may be necessary.
- B. Except where the Drawings indicate Utilities have been field located during design or certain Utility locations shall be exposed as part of the WORK, responsibility for exploratory excavations as it deems necessary to determine the exact locations and depths of Utilities, which may interfere with its work shall be required. All such exploratory excavations shall be performed as soon as practicable after Notice to Proceed and, in any event, a sufficient time in advance of construction to avoid possible delays progress.
- C. The number of exploratory excavations required shall be that number which is sufficient to determine the alignment and grade of the utility.
- D. Utilities to be Moved: In case it shall be necessary to move the property of any public utility or franchise holder, upon request, the utility company or franchise holder will be notified to move such property within a specified reasonable time. When utility lines that are to be removed are encountered within the area of operations, notification will be required with sufficient time in advance for the necessary measures to be taken to prevent interruption of service.
- E. Utilities to be Removed: The proper completion of the WORK requires the temporary or permanent removal and/or relocation of an existing utility or other improvement, which is indicated, removal, without unnecessary delay, temporarily replacement or relocation of

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such Utilities or improvement in a manner satisfactory to the owner of the facility shall be required. In all cases of such temporary removal or relocation, restoration to the former location shall be accomplished in a manner that will restore or replace the Utility or improvement as close to its former locations and to as good or better condition than found prior to removal.

- F. CITY'S Right of Access: The right is reserved to the owners of public utilities and franchises to enter at any time upon any public street, alley, right-of-way, or easement for the purpose of making changes in their property made necessary by the WORK of this Contract.
- G. Underground Utilities Indicated: Existing Utility lines that are indicated or the locations of which are made known prior to excavation and that are to be retained. All Utility lines that are constructed during excavation operations shall be protected from damage during excavation and backfilling if damaged, shall be immediately repaired or replaced, unless otherwise repaired by the owner of the damaged Utility. If the owner of the damaged facility performs its own repairs, reimbursement to said owner for the costs of repair shall be required.
- H. Underground Utilities Not Indicated: In the event that the existing Utility lines are damaged that are not indicated or the locations of which are not made known prior to excavation, a verbal report of such damage shall be made immediately, and a written report thereof shall be made promptly thereafter. Immediately notify the OWNER of the damaged Utility. The Utility Owner shall be notified of the damage. If directed, repairs shall be made under the provisions for changes and extra work contained in their Contract Agreement.
- I. Costs of locating and repairing damage, not due to failure to exercise reasonable care and removing or relocating such Utility facilities, not indicated in the Contract Documents, with reasonable accuracy and for equipment on the project, which was actually working on that portion of the WORK which was interrupted or idled by removal or relocation of such Utility facilities, and which was necessarily idled during such work will be paid for as extra work resulting in the issuing of a change order in accordance with the provisions of the Contractual Agreement.
- J. Approval of Repairs: All repairs to a damaged Utility or improvement are subject to inspection and approval by an authorized representative of the Utility or improvement owner before being concealed by backfill or other work.
- K. Maintaining in Service: Unless indicated otherwise, oil and gasoline pipelines, power, and telephone or the communication cable ducts, gas and water mains, irrigation lines, sewer lines, storm drain lines, poles, and overhead power and communication wires and cables encountered along the line of the WORK shall remain continuously in service during all the operations under the Contract, unless other satisfactory arrangements are made with the owner of said pipelines, duct, main, irrigation line, sewer, storm drain, pole, or wire or cable. Responsible for and shall repair all damage due to its operations shall be required,

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and the provisions of this Section shall not be abated even in the event such damage occurs after backfilling or is not discovered until after completion of the backfilling.

1.6 TREES OR SHRUBS WITHIN STREET RIGHTS-OF-WAY AND PROJECT LIMITS

- A. General: Except where trees or shrubs are indicated to be removed, exercise all necessary precautions so as not to damage or destroy any trees or shrubs, including those lying within street rights-of-way and project limits, and shall not trim or remove any trees unless such trees have been approved for trimming or removal by the jurisdictional agency. Existing trees and shrubs that are damaged during construction shall be trimmed or replaced by a certified tree company under permit from the jurisdictional agency.
- B. Replacement: Immediately notify the jurisdictional agency if any tree or shrub is damaged by operations. If, in the opinion of said agency, the damage is such that replacement is necessary, replace the tree or shrub at its own expense. The tree or shrub shall be of a like size and variety as the one damaged or if of a smaller size, the owner of said tree shall be paid a compensatory payment acceptable to the tree or shrub owner, subject to the approval of the jurisdictional agency. The size of the tree or shrub shall be not less than 1-inch diameter or less than 6-feet in height. Planting of replacement trees and shrubs shall be in accordance with the recommendations of the nursery furnishing the plants.

1.7 LAWN AREAS

- A. Lawn or landscaped areas damaged during construction shall be repaired to match the pre-construction condition to the satisfaction of the landowner.

1.8 NOTIFICATION

- A. Prior to any excavation in the vicinity of any existing underground facilities, including all water, sewer, storm drain, gas, petroleum products, or other pipelines; all buried electric power, communications, or television cables; all traffic signal and street lighting facilities; and all roadway and state highway rights-of-way, notify the respective authorities representing the owners or agencies responsible for such facilities not less than 3 days nor more than 7 days prior to excavation so that a representative of said owners or agencies can be present during such work if they so desire.

(END OF SECTION)

SECTION 01560

**SECTION 01560
TEMPORARY ENVIRONMENTAL CONTROLS**

PART 1 – GENERAL

1.1 EXPLOSIVES AND BLASTING

- A. The use of explosives on the WORK will not be permitted.

1.2 RUBBISH CONTROL

- A. During the progress of the WORK, the CONTRACTOR shall keep the Site and other areas used by it in a neat and clean condition, and free from any accumulation of rubbish. Dispose of all rubbish and waste materials of any nature occurring at the Site, and shall establish regular intervals of collection and disposal of such materials and waste. Keep its haul roads free from dirt, rubbish and unnecessary obstructions resulting from its operations. Disposal of all rubbish and surplus materials shall be off the Site in accordance with local codes and ordinances governing locations and methods of disposal, and in conformance with all applicable safety laws, and to the particular requirements of Part 1926 of the OSHA Safety and Health Standards for Construction.

1.3 SANITATION

- A. Toilet Facilities: The CONTRACTOR shall provide fixed or portable chemical toilets shall be provided wherever needed for the use of employees. Toilets at construction job sites shall conform to the requirements of Part 1926 of the OSHA Standards for Construction.
- B. Sanitary and Other Organic Wastes: The CONTRACTOR shall establish a regular daily collection of all sanitary and organic wastes. All wastes and refuse from sanitary facilities provided or organic material wastes from any other source related to operations shall be disposed of away from the Site in accordance with all laws and regulations pertaining thereto.

1.4 CHEMICALS

- A. All chemicals used or furnished by the CONTRACTOR for or during project construction, whether defoliant, soil sterilant, herbicide, pesticide, disinfectant, polymer, reactant or of other classification, shall show approval of either the U.S. Environmental Protection Agency or the U.S. Department of Agriculture. Use of all such chemicals and disposal of residues shall be in strict accordance with the printed instructions of the manufacturer.

1.5 CULTURAL RESOURCES

- A. Attention is directed to the National Historic Preservation Act of 1966 (16 U.S.C. 470) and 36 CFR 800, which provides for the preservation of potential historical architectural, archaeological, or cultural resources (hereinafter called "cultural resources").

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TEMPORARY ENVIRONMENTAL CONTROLS

- B. Conform to the applicable requirements of the National Historic Preservation Act of 1966 as it relates to the preservation of cultural resources.
- C. In the event potential cultural resources are discovered during subsurface excavations at the site of construction, the following procedures shall be instituted:
 - 1. The CONTRACTOR shall issue a Field Order directive to cease all construction operations at the location of such potential cultural resources find.
 - 2. Such Field Order shall be effective until such time as a qualified archaeologist can be called to assess the value of these potential cultural resources and make recommendations to the State Historic Preservation Office.
- D. If the archaeologist determines that the potential find is a bona fide cultural resource, at the direction of the State Historic Preservation Office, work shall be suspended at the location of the find under the provisions for changes contained in the Contractual Agreement.

(END OF SECTION)

SECTION 01563

**SECTION 01563
DUST CONTROL**

PART 1 – GENERAL

1.1 DUST ABATEMENT

- A. Preventative measures to limit the production of dust in amounts damaging to property, cultivated vegetation or domestic animals, or causing a nuisance to persons living in or occupying buildings in the vicinity shall be taken in to account. Responsibility for any damage resulting from dust originating from its operations shall be the CONTRACTOR's. The dust abatement measures shall be maintained at all times during construction of the project, in accordance with the requirements of the local Air Quality Management District.

PART 2 – EXECUTION

2.1 GENERAL

- A. The CONTRACTOR shall take necessary measures to control any and all dust related to or as a result of construction activities under this Contract. The water necessary for the dust control operation will be Owner furnished, beyond that the CONTRACTOR shall be responsible to provide whatever means necessary to accomplish the task of Dust Control. The CONTRACTOR shall be responsible for any damage resulting from dust originating from construction activities under this Contract.

(END OF SECTION)

**SECTION 01565
EROSION AND SEDIMENT CONTROL****PART 1 -- GENERAL**

1.1 THE REQUIREMENT

- A. Perform all WORK and take all measures necessary to control soil erosion resulting from construction operations, shall prevent the flow of sediment from the construction site, and shall contain construction materials (including excavation and backfill) within his protected working area, so as to, prevent damage to the adjacent wetlands and water courses.
- B. Do not employ any construction method that violates a rule, regulation, guideline or procedure established by Federal, State or local agencies having jurisdiction over the environmental effects of construction.
- C. Pollutants such as chemicals, fuels, lubricants, bitumen, raw sewage and other harmful waste shall not be discharged into or alongside of any body of water or into natural or man-made channels leading thereto.
- D. Comply with requirements of City of Lathrop Design & Construction Standard 2-3.2 for submittal of an Erosion and Sedimentation Control Plan, as the project site has been determined to be less than 1 acre.

PART 2 -- PRODUCTS

2.1 MATERIALS

- A. Bales may be hay or straw, and shall be reasonably clean and free of noxious weeds and deleterious materials. Filter fabric for sediment traps shall be of suitable materials acceptable to the ENGINEER.

PART 3 -- EXECUTION

3.1 METHODS OF CONSTRUCTION

- A. Use any of the acceptable methods necessary to control soil erosion and prevent the flow of sediment to the maximum extent possible. These methods shall include, but not be limited to, the use of water diversion structures, diversion ditches and settling basins.
- B. Construction operations shall be restricted to the areas of work indicated on the Drawings and to the area, which may be entered for the construction of temporary or permanent facilities. The authority to limit the surface area of erodible earth material exposed by clearing and grubbing, excavation, borrow and fill operations shall be given. The CONTRACTOR shall provide immediate permanent or temporary pollution control measures to prevent contamination of the wetlands and adjacent watercourses. Such work may involve the construction of temporary berms, dikes, dams, sediment basins, slope

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- drains and use of temporary mulches, mats, or other control devices or methods as necessary to control erosion. The cost of this work shall be borne by the CONTRACTOR.
- C. Excavated soil material shall not be placed adjacent to the wetlands or watercourses in a manner that will cause it to be washed away by high water or runoff. Earth berms or diversions shall be constructed to intercept and divert runoff water away from critical areas. Diversion outlets shall be stable or shall be stabilized by means acceptable to the ENGINEER. If for any reason construction materials are washed away during the course of construction, the CONTRACTOR shall remove those materials from the fouled areas.
- D. For Work within easements of rights-of-way, all materials used in construction such as excavation, backfill, roadway, and pipe bedding and equipment shall be kept within the limits of these easements or rights-of-way.
- E. The CONTRACTOR shall not pump silt-laden water from trenches or other excavation into the wetlands, or adjacent watercourses. Instead, silt-laden water from his excavations shall be discharged within areas surrounded by baled hay or into sediment traps to ensure that only sediment-free water is returned to the watercourses. Damage to vegetation by excessive watering or silt accumulation in the discharge area shall be avoided.
- F. Prohibited construction procedures include, but are not limited to the following:
1. Dumping of spoil material into any streams, wetlands, surface waters or unspecified locations.
 2. Indiscriminate, arbitrary or capricious operation of equipment in wetlands or surface waters.
 3. Pumping of silt-laden water from trenches or excavations into surface waters, or wetlands.
 4. Damaging vegetation, adjacent to or outside the construction area limits.
 5. Disposal of trees, brush, debris, paints, chemicals, asphalt products, concrete curing compounds, fuels, lubricants, insecticides, wash water from concrete trucks or hydroseeders, or any other pollutant in wetlands, surface waters, or unspecified locations.
 6. Permanent or unauthorized alternation of the flow line of any stream.
 7. Open burning of debris from the construction work.
- G. Any temporary working roadways required shall be clean fill approved by the ENGINEER. In the event fill is used, the CONTRACTOR shall take every precaution to prevent the fill from mixing with native materials of the site. All such foreign fill materials shall be removed from the site following construction.

(END OF SECTION)

SECTION 01570 – TRAFFIC CONTROL**PART 1 - GENERAL****1.01 Section Includes**

- A. Traffic Control Plans
- B. Construction Parking Control
- C. Traffic Control Devices (barricades, cones, signs, flashing arrow signs, etc.)
- D. Traffic Control Staffing

1.02 Submittals

- A. Traffic Control Plans (Vehicle and Pedestrian)
 - 1. At or prior to the pre-construction meeting, the Contractor shall submit traffic control plans (vehicles and pedestrian) for review and approval by the Engineer. The traffic control plans shall cover all phases of the work. These plans shall show a detailed layout of work areas and all traffic control devices to control vehicular, pedestrian, and bicycle traffic. No payment shall be made to the Contractor until the Traffic Control plan has been accepted by the Engineer.
 - 2. The Contractor shall supply, place and maintain all necessary traffic control devices during construction in accordance with the applicable requirements of the California Manual on Uniform Traffic Control Devices (MUTCD), latest edition, and the traffic control plans approved by the City.

1.03 Construction Signs

The Contractor shall provide all construction signs in accordance with the traffic control plans.

PART 2 - PRODUCTS**2.01 Cones and Barricades**

- A. Cones and barricades used to direct traffic flow shall conform to Caltrans Standard Specifications. They are to be in good condition and sufficiently clean so as to be easily visible to traffic.
- B. Type III barricades shall be used when a street is closed to vehicular traffic.
- C. At least one flashing light must be installed on each barricade. Maintain flashing lights in good working order throughout the duration of the Work.

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2.02 Traffic Control Signs

- A. Signs to be used for traffic control, including flashing arrow signs (Type A or Type II) and shall conform to the requirements of the latest edition of the California MUTCD.
- B. “No Parking Tow-Away” signs shall be provided by the Contractor.

2.03 Traffic Control Staffing

- A. Flagmen
 - 1. Persons designated by the Contractor to serve as flagmen shall be trained and equipped to perform in accordance with Caltrans flagging procedures. Proof of training shall be provided to the CITY’S REPRESENTATIVE prior to flagging operations.
 - 2. If complaints are received from the public regarding the performance of flagmen, the City will review the Contractor’s flagging operations. If the operations are determined to be unsafe and are not corrected after a warning by the City, police personnel may take over at the expense of the Contractor.

PART 3 - EXECUTION

3.01 Construction Parking Control

- A. Control vehicular parking to prevent interference with public traffic and parking, and access by emergency vehicles.
- B. No overnight parking of vehicles, equipment, or storage of materials in undesignated areas will be allowed.
- C. Contractor’s employees should refrain from parking on the neighborhood streets.

3.02 General Traffic Control Requirements

- A. The Contractor shall conduct his operations and schedule cleanup so as to cause the least possible obstruction and inconvenience to traffic, pedestrians, cyclists, and adjacent property owners. All work areas shall be swept clean at the end of the day’s work and at other times when directed by the City. A mobile street sweeper shall be used wherever practical, and dust shall be suppressed to the satisfaction of the City.
- B. The Contractor shall protect open excavations, trenches and such during construction with fences, covers and railings as required, together with signs, lights, and other warning devices sufficient to maintain safe pedestrian, bicycle and vehicular traffic to the satisfaction of the City.

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TRAFFIC CONTROL

- C. Damage done by the Contractor during the course of the work to adjacent City or private property shall be repaired in kind, or as the Engineer shall direct, at the Contractor's expense. This includes the repair of traffic loop detectors, tape striping, signs, markings, etc.
- D. The Contractor shall remove all forms, debris, and undesirable material from the job site at the end of each work day.
- E. The Contractor shall notify the abutting property owners at least 48 hours prior to commencing work at their specific locations. This is in addition to the door hangers distributed as per these specifications. If the driveway to any garage or parking area is to be closed for construction work, this notice shall state the approximate time will be reopened.
- F. Dated "No Parking Tow-Away" signs shall be posted a minimum of 48 hours in advance of all work which requires that cars not be parked near the sites. The date and time of work shall be written on signs in 2" high letters with a 1/4" felt marker. These signs shall be placed on either barricades per these specifications or tied to street trees located near the curb and gutter. All signs must be removed immediately after the specific work has been completed. Any cars which remain parked on the street in violation of the posted "No Parking Tow-Away" sign shall be towed away under direction of the Lathrop Police Department. The Contractor shall be responsible for notifying the Police Department at (209) 858-5551 of all vehicles that are to be towed away. The owner of the towed vehicles may contact the Police Department at (209) 858-5551. If the "No Parking Tow-Away" signs have not been posted for the required 48 hours and the car is towed, the Contractor shall be liable for the cost of towing.
- G. No stockpiling of materials or parking of equipment during non-working hours will be allowed on City property, i.e., streets, alleys, parking lots, or sidewalks, etc. Materials stockpiling and equipment parking will be allowed in areas designated by the Engineer only.
- H. Spillage resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor at his expense.
- I. The Contractor shall maintain at a minimum one lane of traffic in each direction at all times on all streets or as directed by the Engineer. Contractor is to use arrow board for lane closures. If a street is to be closed, the contractor shall call City Engineering (209-941-7200, Ext. 7292), Police (209-858-5551) and Fire Departments (209-858-2331) prior to the start of work each day, to report/confirm all scheduled street closures. The Contractor shall coordinate with the U.S. Post Office (Lathrop Branch – 209-858-2324) in advance of street closure to coordinate mail delivery and Allied Waste Service (209-466-3604) to coordinate trash collection.

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- J. Contractor shall maintain access to all driveways except when actually doing construction within the driveway boundaries, at which time partial access will be maintained unless alternate arrangements can be made with the property owners or tenants in advance.
- K. Each pedestrian crosswalk, when crossed by construction excavation, shall be provided with a safe pedestrian crossing platform.
- L. Work shall not restrict visibility of any traffic control device.
- M. No closure of any lane will be permitted during 7 a.m. to 9 a.m. and 4 p.m. to 6 p.m.
- N. City of Lathrop Truck Routes shall be used for heavy equipment.
- O. In the event that a lane closure is required after normal working hours, Contractor will be required to provide traffic controls (arrow boards, etc.) for the duration of the lane closure.

(END OF SECTION)

SECTION 01600

SECTION 01600 PRODUCTS, MATERIALS, EQUIPMENT AND SUBSTITUTIONS

PART 1 – GENERAL

1.1 DEFINITIONS

- A. The word "Products" as used in the Contract Documents is defined to include purchased items for incorporation into the WORK, regardless of whether specifically purchased for the project or taken from stock of previously purchased products. The word "Materials," is defined as products which must be substantially cut, shaped, worked, mixed, finished, refined or otherwise fabricated, processed, installed or applied to form WORK. The word "Equipment" is defined as products with operational parts, regardless of whether motorized or manually operated, and particularly including products with service connections (wiring, piping and other like items). Definitions in this paragraph are not intended to negate the meaning of other terms used in the Contract Documents, including "specialties," "systems," "structure," "finishes," "accessories," "furnishings," special construction" and similar terms, which are self-explanatory and have recognized meanings in the construction industry.
- B. Neither "Products" nor "Materials" nor "Equipment" includes machinery and equipment used for preparation, fabrication, conveying and erection of the WORK.

1.2 QUALITY ASSURANCE

- A. Source Limitations: To the greatest extent possible for each unit of WORK, the CONTRACTOR shall provide products, materials and equipment of a singular generic kind from a single source.
- B. Compatibility of Options: Where more than one choice is available as options for selection of a product, material or equipment, select an option, which is compatible with other products, materials or equipment. Compatibility is a basic general requirement of product, material and equipment selections.

1.3 PRODUCT DELIVERY AND STORAGE

- A. Deliver and store the product in accordance with manufacturer's written recommendations and by methods and means that will prevent damage, deterioration and loss including theft. Delivery schedules shall be controlled to minimize long-term storage of products at the Site and overcrowding of construction spaces. In particular, ensure coordination to ensure minimum holding or storage times for flammable, hazardous, easily damaged or sensitive materials to deterioration, theft, and other sources of loss.

1.4 TRANSPORTATION AND HANDLING

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PRODUCTS, MATERIALS, EQUIPMENT AND SUBSTITUTIONS

- A. Products shall be transported by methods to avoid damage and shall be delivered in undamaged condition in manufacturer's unopened containers and packaging.
- B. Provide equipment and personnel to handle products, materials and equipment by methods to prevent soiling and damage.
- C. Provide additional protection during handling to prevent marring and otherwise damaging products, packaging, and surrounding surfaces.

1.5 STORAGE AND PROTECTION

- A. Products shall be stored in accordance with manufacturer's written instructions and with seals and labels intact and legible. Sensitive products shall be stored in weather-tight climate controlled enclosures and temperature and humidity ranges shall be maintained within tolerances required by manufacturer's recommendations.
- B. For exterior storage of fabricated products, products shall be placed on sloped supports above ground. Products subject to deterioration shall be covered with impervious sheet covering and ventilation shall be provided to avoid condensation.
- C. Loose granular materials shall be stored on solid flat surfaces in a well-drained area and shall be prevented from mixing with foreign matter.
- D. Storage shall be arranged to provide access for inspection. Periodically inspect to assure products are undamaged and are maintained under required conditions.
- E. Storage shall be arranged in a manner to provide access for maintenance of stored items and for inspection.

1.6 MAINTENANCE OF PRODUCTS IN STORAGE

- A. Stored products shall be periodically inspected on a scheduled basis.
- B. Comply with manufacturer's product storage requirements and recommendations.
- C. Maintain manufacturer-required environmental conditions continuously.
- D. Ensure that surfaces of products exposed to the elements are not adversely affected and that weathering of finishes does not occur.
- E. For mechanical and electrical equipment, provide a copy of the manufacturer's service instructions with each item and the exterior of the package shall contain notice that instructions are included.
- F. Products shall be serviced on a regularly scheduled basis, and a log of services shall be maintained and submitted as a record document prior to final acceptance by the ENGINEER in accordance with the Contract Documents.

(END OF SECTION)

**SECTION 01700
PROJECT CLOSEOUT**

PART 1 -- GENERAL

1.1 RELATED REQUIREMENTS

A. Related Sections:

1. Section 00700 – General Conditions
2. Section 01710 – Site Maintenance and Cleanup

1.2 PERFORMANCE TESTING

- A. Perform a pre-start systems check in order to provide an efficient transition for start-up of facility. The performance testing shall proceed as follows:
- B. Perform systems checks, which include verification of proper equipment installation, operation, and calibration with the manufacturers or their representatives.
- C. Verify the performance of the equipment and controls through full scale operation using clean water. Water shall be conveyed to the facility and the basins shall be filled to their normal operating level. Water for testing shall be provided by the CONTRACTOR.
- D. Temporary piping shall be installed for the conveyance of water to the facility. All equipment shall be tested in normal operating mode to verify proper operation of all equipment in conjunction with the plant control system.
- E. Reclaimed water will be recycled through the plant for a total systems check for a period of at least 24 hours, or until the Engineer has determined that no adjustments are necessary. At discretion and direction of the Engineer, make adjustments or repairs to coordinate the operation of the systems and extend the duration, terminate, and restart the pre-start systems check as necessary.

1.3 SUBSTANTIAL COMPLETION

- A. Submit written certification to that the project is substantially complete.
- B. Submit list of major items to be completed or corrected.
- C. Engineer will make an inspection within seven days after receipt of certification, together with a representative.
- D. Should Engineer consider that work is substantially complete:
 1. Prepare, and submit to Engineer, a list of the items to be completed or corrected, as

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determined by on-site observation.

2. Engineer will prepare and issue a Certificate of Substantial Completion, containing:
 - a. Date of Substantial Completion.
 - b. List of items to be completed or corrected, verified and amended.
 - c. The time required to complete or correct work of listed items.
 - d. Responsibilities for:
 - 1) Insurance
 - 2) Utilities
 - 3) Operation of mechanical, electrical and other systems
 - 4) Maintenance and cleaning
 - 5) Security
 - e. Signatures of: Engineer
3. Complete work listed for completion or correction, within designated time.

E. Should Engineer consider that work is not substantially complete:

1. ENGINEER shall immediately notify, in writing, stating reasons.
2. CONTRACTOR to complete work, and send second written notice to Engineer, certifying that Project, or designated portion of project of substantially complete.
3. Engineer will re-review work.

1.4 FINAL INSPECTION

A. Submit written certification that:

1. Contract Documents have been reviewed.
2. Project has been inspected for compliance with Contract Documents.
3. Work has been completed in accordance with Contract Documents.
4. Equipment and systems have been tested in presence of Engineer and are operational.
5. Project is completed and ready for final inspection.

B. Engineer will make final on-site observation/review within seven (7) days after receipt of certification.

C. Should Engineer consider that work is finally complete in accordance with requirements of Contract Documents, he shall prepare and issue the following:

1. Certificate of Completion;
2. Complete sets of As-Built plans received; and
3. A Request to make Project Closeout submittals.

D. Should Engineer consider that work is not finally complete:

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1. He shall notify, in writing, stating reasons.
2. Take immediate steps to remedy the stated deficiencies, and send second written notice to
Engineer certifying that work is complete.
3. Engineer will re-review the work.

1.5 FINAL CLEANING UP

The work will not be considered as completed and final payment made until all final cleanup has been done in a satisfactory manner. See Section 01710 for detailed requirements.

1.6 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: to requirements of particular technical specifications and Section 01730.
- B. Equipment, materials, workmanship and performance Warranties and Bonds: to requirements of particular technical specifications.

1.7 INSTRUCTION

- A. Instruct personnel in operation of all systems, mechanical, electrical and other equipment.

1.8 FINAL APPLICATION FOR PAYMENT

- A. Submit final applications in accordance with requirements of Contractual Agreement.

1.9 FINAL CERTIFICATE FOR PAYMENT

- A. Engineer will issue final certificate in accordance with provisions of Contractual Agreement.

(END OF SECTION)

SECTION 01710

**SECTION 01710
SITE MAINTENANCE AND CLEANUP**

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. On a continuous basis, maintain premises free from accumulations of waste, debris and rubbish, caused by operations.
- B. At completion of WORK, remove waste materials, rubbish, tools, equipment, machinery and surplus materials, and clean all sight-exposed surfaces; leave Project clean and ready for occupancy.
- C. **Related Sections:**
 - 1. Section 01045 – Cutting and Patching
 - 2. Section 01700 – Project Closeout

1.2 SAFETY REQUIREMENTS

- A. **Hazards control:**
 - 1. Store volatile wastes in covered metal containers, and remove from premises daily.
 - 2. Prevent accumulation of wastes, which create hazardous conditions.
 - 3. Provide adequate ventilation during use of volatile or noxious substances.
- B. Conduct cleaning and disposal operations to comply with local ordinances and anti-pollution laws.
 - 1. Do not burn or bury rubbish and waste materials on Project site.
 - 2. Do not dispose of volatile wastes such as mineral spirits, oil or paint thinner in storm or sanitary drains.
 - 3. Do not dispose of wastes into streams or waterways.

PART 2 -- PRODUCTS

2.1 MATERIALS

- A. Use only cleaning materials recommended by manufacturer of surface to be cleaned.
- B. Use cleaning materials only on surfaces recommended by cleaning material manufacturer.

PART 3 – EXECUTION

3.1 DURING CONSTRUCTION

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SITE MAINTENANCE AND CLEANUP

- A. Execute cleaning to ensure that building, grounds and public properties are maintained free from accumulations of waste materials and rubbish.
- B. Wet down dry materials and rubbish to prevent blowing dust.
- C. At reasonable intervals during progress of Work, clean site and public properties, and dispose of waste materials, debris and rubbish.
- D. Provide on-site containers for collection of waste materials, debris and rubbish.
- E. Remove waste materials, debris and rubbish from site and legally dispose of at public or private dumping areas off OWNER's property.
- F. Handle materials in a controlled manner with as few handlings as possible; do not drop or throw materials from heights.
- G. Each subcontractor areas of work shall thoroughly be cleaned of all materials and equipment installed from their areas of work.

3.2 FINAL CLEANING

- A. Employ experienced workers, or professional cleaners, for final cleaning.
- B. In preparation for substantial completion, conduct final inspection of sight-exposed interior and exterior surface, and of concealed spaces.
- C. Repair, patch and touch up marred surfaces to specified finish, to match adjacent surfaces.
- D. Broom clean paved surfaces; rake clean other surfaces of grounds.
- E. Maintain cleaning until Project, or portion thereof, is occupied by OWNER.
- F. The CONTRACTOR shall restore or replace existing property or structures as promptly and practicable as work progresses.

(END OF SECTION)

City of Lathrop
Department of Public Works

TECHNICAL SPECIFICATIONS

CITYWIDE SIDEWALK IMPROVEMENTS

CIP PS 24-08



SECTION 02 00 00

SECTION 02 00 00

GENERAL TECHNICAL

A-1 SCHEDULE

Attention is directed to Section A-15 "Notice to Area Residents" as a controlling scheduling item of work. The Contractor shall submit the following technical information prior to the preconstruction conference:

1. A preliminary Construction Schedule indicating the starting and completion dates of the various stages of the Work.
2. Traffic Control Plan, if applicable.
3. Erosion and Sediment Control Plan (ESCP) or Storm Water Pollution Prevention Plan (SWPPP) as applicable.

A-2 ORDER OF WORK

In general, the order of work shall be as follows:

1. Applicable Traffic Control
2. Construction
3. Project Clean-up

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

A-3 RELATIONS WITH CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

This location is within an area controlled by the Regional Water Quality Control Board. The Contractor shall fully inform himself of all rules, regulations, and conditions that may govern his operations in said area and shall conduct his work accordingly. Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices.

A-4 TEMPORARY EROSION CONTROL

Temporary erosion control shall consist of, but not be limited to, constructing such facilities and taking such measures as are necessary to prevent, control and abate water, mud, and erosion damage to public and private property as a result of the construction of this project. Conformance with the requirements of this section shall in no way relieve the Contractor from his responsibilities, as provided in Section 13, " Water Pollution Control", and Section 5-1.36, Property and Facility Preservation", of the Standard Specifications. Temporary erosion control features as are necessary to prevent damage during the winter season shall be constructed and functioning. The Contractor shall construct such supplementary temporary erosion control facilities as are necessary to protect adjacent private and public property.

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GENERAL TECHNICAL

Temporary erosion control measures shall conform to the current edition of the CASQA Construction BMP Handbook for erosion and sediment control measures and shall include but not be limited to the protection of inlets and storm manholes to prevent oil and aggregate from entering the storm drain system. Full compensation for any cost involved in performing planned permanent storm water pollution prevention and erosion control to act as temporary storm water pollution prevention and temporary erosion control shall be considered as included in the lump sum paid for the "Storm Water Pollution Prevention Program".

A-5 PRESERVATION AND PROTECTION OF TREES AND PLANTINGS

Preservation and protection of existing trees shall conform to Section 5-1.36, "Property and Facility Preservation", of the Standard Specifications and these Technical Specifications.

Payment for Preservation and Protection of Trees and Plantings as well as any necessary pruning shall be included in the various items of work and no separate payment will be made therefore.

A-6 PROGRESS SCHEDULE

Progress schedules will be required for this contract and shall conform to the provisions in Section 8 "Prosecution and Progress" of the Standard Specifications.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

A-7 COOPERATION

Attention is directed to Sections 7, "Legal Relations and Responsibility to the Public," and Section 8, "Prosecution and Progress", of the Standard Specifications and to these General Technical Specifications. Other forces may be engaged in constructing improvements adjacent to the project. In some instances, the Contractor may be required to coordinate work and share work areas with PG&E, AT&T, Verizon, Comcast and the City's other contractors. The Contractor shall cooperate at all times with utility agencies and other contractors in the vicinity of the project and as directed by the City. Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

A-8 SAFETY

The Contractor is hereby specifically informed that under this contract he has the sole responsibility for the safety of his work, including his workmen, equipment and that of subcontractors, and of the general public as they may come in contact with the work. The Engineer or Inspector has specifically not been hired to review the Contractor's safety or methods of operation.

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A-9 OBSTRUCTIONS

Attention is directed to Section 8, "Prosecution and Progress" of the Standard Specifications and these General Technical Specifications. Attention is directed to the existence of underground power, telephone, cable television, gas, water, sewer, streetlight conduits and irrigation lines within the area in which construction is to be performed. The Contractor will be required to work around these facilities as needed to perform work in accordance with the plans. Prior to starting work, the Contractor shall (a minimum of 1 week in advance) call Underground Service Alert (USA), toll free, at 811 or (800) 642-2444 and provide USA with all necessary data relative to the proposed work. USA will accept calls and process information for participating agencies who have underground facilities in the area between the hours of 7:30 a.m. and 5:00 p.m. daily, except Saturdays, Sundays, and holidays. Between the hours of 5:00 p.m. and 7:30 a.m. calls will be recorded and then processed after 7:30 a.m. For emergency situations, after business hours and on Saturdays, Sundays and holidays, the Contractor shall contact the organization owning the affected facility. Upon notification, agencies having facilities in the area of the proposed excavation will mark their locations in the field using USA standard colors and codes to identify the facility's location.

The Contractor will be required to work around public utility facilities and other improvements that are to remain in place within the construction area, or that have yet to be relocated, and he will be held liable to the owners of such facilities for interference with services resulting from his operations.

Any delays claimed by the Contractor as a direct result of the utility facilities not being rearranged as provided will not be recognized nor will any delays be considered right-of-way delays within the meaning of Section 8-1.07, "Delays", of the Caltrans Standard Specifications, except that any such delays will entitle the Contractor to an extension of time as provided in Section 8-1.10, "Liquidated Damages", of the Standard Specifications. The Contractor shall immediately notify the Engineer of any such delays.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

A-10 HOURS OF WORK

Construction work shall be limited to the hours between 7:00 AM and 5:00 PM Monday through Friday. Except as stated below, no construction is permitted on Saturdays or Sundays. Contractor's attention is directed to restrictions in the section entitled "Maintaining Traffic," in Section A-13 of these specifications.

A-11 DUST CONTROL

Dust control shall conform to the provisions in Section 10-5, "Dust Control," of the Standard Specifications and to these Technical Specifications.

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Full compensation for all dust control will be considered as included in the prices paid for the various items of work involved, and no additional compensation will be allowed.

A-12 CONSTRUCTION AREA SIGNS

Construction area signs shall be furnished, installed and maintained, and removed when no longer required in accordance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and when no longer required with the provisions in these Technical Specifications.

Construction area signs shall not be used until they are needed, and when no longer needed they shall be removed from the site of the work. If speed limit construction signs are shown, they shall be covered when no work is being performed and the existing speed limit signs, if of a different speed limit than speed limit construction signs, shall be covered when work is being performed.

The Contractor shall notify the Underground Service Alert (USA) in accordance with the section on "Obstructions" in these Technical Specifications at least two (2) working days, but no more than 14 calendar days, prior to commencing any excavation for posts for construction area signage. All excavations required to install construction area signs shall be performed by hand methods without the use of power equipment, except that power equipment may be used if it is determined there are no utility facilities in the area of the proposed post holes. Stationary-mounted signs shall be erected on wood posts in the same manner specified for roadside signs and in accordance with the Caltrans Standard Plans.

Attention is directed to section entitled "Traffic Control System" elsewhere in these General Technical Specifications regarding compensation for construction area signs shown on the plans for traffic control system for lane closure. Construction area signs shall be paid as part of the bid item for Traffic Control. No separate payment will be made therefore.

A-13 MAINTAINING TRAFFIC

Attention is directed to Section 7-1.03, "Public Convenience," Section 7-1.04, "Public Safety," and Section 12 "Temporary Traffic Control", of the Standard Specifications. Nothing in these General Technical Specifications shall be construed as relieving the Contractor from his responsibilities as provided in said Section 7-1.04. Lane closures shall conform to the provisions in the section of these Technical Specifications entitled "Traffic Control System." Personal vehicles of the Contractor's employees shall not be parked on the traveled way, including any section closed to public traffic.

The Contractor shall notify the Engineer of his intent to begin work at least 5 days before work is begun.

The Contractor shall cooperate with local authorities relative to handling traffic through the area.

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Whenever vehicles or equipment are parked on the shoulder within 6 feet of a traffic lane, the shoulder area shall be closed with fluorescent traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of 9 cones or portable delineators shall be used for the taper. A C23 (Road Work Ahead) or C24 (Shoulder Work Ahead) sign shall be mounted on a telescoping flag tree with flags. The flag tree shall be placed to provide adequate sight distance to oncoming traffic. Depending on the location, more than one flag tree might be required.

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic. The Contractor shall maintain at least a single 11-foot lane on each street on which work is occurring. The Contractor may propose alternative traffic control measures including full street closures when submitting the traffic control plan and work schedule. Any full road closures and/or other deviations for the above requirements shall be approved by the Engineer prior to beginning work and notifying residents.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order.

The Contractor shall maintain traffic flow in and around school zones. Special attention must be given to minimize traffic impacts during drop-off and pick-up hours.

A-14 TRAFFIC CONTROL SYSTEMS

A vehicular traffic control system shall consist of closing traffic lanes in accordance with the details shown on the plans, the provisions of Section 12, "Temporary Traffic Control", of the Standard Specifications, and the provisions under "Maintaining Traffic" elsewhere in these General Technical Specifications.

Whenever pedestrian facilities will be impacted by the project, Contractor shall provide a pedestrian detour. A pedestrian traffic control system shall consist of closing a contiguous segment of sidewalk and a plan for re-routing of pedestrians in accordance with applicable details in the State of California, Department of Transportation, 2020 Temporary Pedestrian Access Routes Handbook: <https://dot.ca.gov/-/media/dot-media/programs/construction/documents/policies-procedures-publications/temp-ped-access-routes-handbook-2020-a11y.pdf>

The Contractor shall submit a vehicular traffic control plan to the City at the pre-construction meeting. The vehicular traffic control plan shall indicate sign placement for working on the various streets and show compliance with these requirements. The provisions in this section will not relieve the Contractor from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.04, "Public Safety", of the Standard Specifications.

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The Contractor shall submit to the City at least 3 working days prior to proposed sidewalk closure a pedestrian traffic control plan. The plan must show the closure of the entire segment of sidewalk between the nearest crosswalks, and the use of said crosswalks to detour from and return to the affected side of the street all pedestrians. ADA compliance must be maintained at all times.

The base material of construction area signs shall not be plywood, except as noted on the plans. If any component in the traffic control system is damaged, displaced or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

Payment for "Traffic Control Systems" will be made at the Contract Lump Sum price named in the Bid Schedule. The contract lump sum price paid for "Traffic Control System" shall include full compensation for furnishing all labor (including flagging costs), materials, (including signs) tools, equipment, and incidentals and for doing all the work involved in placing, removing, storing, maintaining, and moving to new locations, replacing, and disposing of the components of the vehicular and pedestrian traffic control systems as shown on the plans, as specified in the Standard Specifications and these Technical Specifications, and as directed by the Engineer.

Section 12, "Temporary Traffic Control", of the Standard Specifications is amended to read: The cost of furnishing all flaggers will be borne solely by the Contractor. The adjustment provisions in Section 4-1.05, "Changes and Extra Work" of the Standard Specifications, shall not apply to the item of traffic control systems. Adjustments in compensation for traffic control systems will be made only for increased or decreased traffic control system required by changes ordered by the Engineer, and will be made on the basis of the cost of the increased or decreased traffic control necessary. Such adjustment will be made on a force account basis as provided in Section 9-1.04, "Force Account ", of the Standard Specifications for increased work, and estimated on the same basis in the case of decreased work.

Traffic control system required for work, which is classed as extra work, as provided in Section 4-1.05, "Changes and Extra Work", of the Standard Specifications, will be paid for as a part of said extra work.

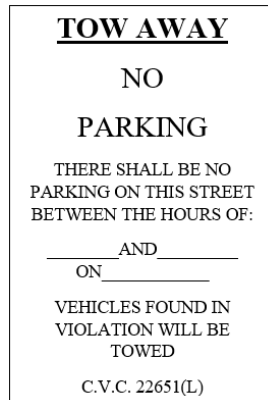
A-15 NOTICE TO AREA RESIDENTS

The Contractor shall provide notice to all residents and businesses affected by the construction relative to the Contractor's schedule of work including the traffic control provisions during construction. The Contractor shall submit a draft notice to the City for approval at least 10 days prior to beginning work. The Notice to Area Residents shall be a door hanger type notice printed on heavy paper or cardboard. The dates of work shall match the work schedule provided to and approved by the City. If the Contractor's schedule shall change to include dates of work beyond the dates indicated in the posted notices, the Contractor shall repost such notices at least 72 hours prior to commencing work on the changed schedule work.

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A-16 REMOVAL OF ON-STREET PARKING

Seventy-two (72) hours prior to construction, the Contractor shall place barricades signed "NO PARKING - TOW AWAY - Specific Time and Date(s)" at 50 to 60 foot intervals in the work area, similar to the example below:



"NO PARKING - TOW AWAY "signs must also state "C.V.C. 22651 (L)." The first and last sign shall also be stenciled with the word "BEGIN". "NO PARKING - TOW AWAY" signs shall be submitted for approval by the Engineer before their use. The Contractor shall notify the Engineer immediately after the "NO PARKING - TOW AWAY" signs are in place. The Contractor shall supply "NO PARKING - TOW AWAY" signs and barricades.

Failure to comply with this section will prevent the City from towing vehicles parked in the proposed work area. Work will not proceed if vehicles are parked in the proposed work area. Full compensation for providing all labor, equipment and materials necessary for the removal of on-street parking shall be considered as included in the prices paid for related bid items and no additional compensation shall be allowed.

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APENDIX A

BID ITEM #3 & 4 DESCRIPTIONS

Bid Item 3 – Saw Cutting to Remove Trip Hazard

Method

Vertical sidewalk displacement locations listed in Attachments A (Unrepaired Sidewalk Report) and within Attachment B boundaries (Survey Area Map) shall be horizontally slice-cut to provide a smooth transition between concrete panels and compliant with the Americans with Disabilities Act (ADA). The cut areas shall be uniform, flat, straight at the backline, have a non-slip finish and eliminate scarring of the adjacent concrete. The cutting of a chamfer on the upper edge of the displaced side of the concrete slab shall be made with a horizontally-oriented circular blade embedded with diamond grit (grinding will not be allowed). Noncompliant slopes greater than the ADA maximum will not be allowed.

Payment

Saw cutting to remove trip hazards will be paid for as a function of the product of the cut depth (in.) and length of cut (ft.) thusly: the average depth of cut $((\text{max} + \text{min})/2)$ (inches) x length of cut (feet). Payment for this item shall include full compensation for conforming to these requirements for sidewalk trip hazard cutting, removal and disposal of all concrete cut from sidewalks.

Bid Item 4 – Trip Hazard Assessment Report

Method

This item will be paid on a lump sum basis. The lump sum cost for this bid item shall include full compensation for providing a trip hazard assessment containing the following data: GIS compatible survey data to include GPS latitude and longitude coordinates of all identified vertical deviations in concrete sidewalks greater than 1/4" (one-quarter inch), street names, measurement of the vertical displacement (in.) and approximate length of horizontal cut (ft.) needed to restore ADA compliance, and the estimated cost of repair. Refer to attachment B for survey limits.

Payment

Payment for this bid item shall be made as a Lump Sum, and shall include the provision of the report as described.