



**PROJECT DOCUMENTS**

**BRIDGE REPAIR PROJECT  
WEST 44TH AVE OVER CLEAR CREEK  
B-01-19  
ITB-19-16  
AUGUST 5, 2019**

Prepared by:  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

CITY OF WHEAT RIDGE  
7500 W. 29TH AVENUE  
WHEAT RIDGE, CO 80033

The engineering material and data contained in these Project Documents were prepared under the supervision and direction of Russ Higgins, PE, Field Supervisor.

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CITY OF WHEAT RIDGE  
SOLICITATION # ITB-19-16

**BID DUE DATE: THURSDAY, AUGUST 29, 2019 BY 2:00 PM OUR CLOCK**

**BRIDGE REPAIR PROJECT  
WEST 44TH AVE OVER CLEAR CREEK  
B-01-19**

**SEALED BIDS MUST BE MAILED OR DELIVERED TO:**

City of Wheat Ridge Municipal Building  
Attention: Kirby Hollums  
7500 West 29<sup>th</sup> Avenue, Purchasing & Contracting Division  
Wheat Ridge, CO 80033  
303-235-2885

**IMPORTANT: PLEASE READ ENTIRE DOCUMENT**

Per the attached specifications, terms and conditions.

FEIN/SSN (Required) \_\_\_\_\_  
Federal I.D. Number

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

TYPED/PRINTED NAME \_\_\_\_\_

**AUTHORIZED SIGNATURE** \_\_\_\_\_  
**This is required. Must be in ink.**

TITLE \_\_\_\_\_

ACKNOWLEDGE ADDENDAS, MUST INITIAL \_\_\_\_\_ NUMBER OF ADDENDA \_\_\_\_\_  
(Bidder is responsible for following up on all addendums)

DO YOU ACCEPT ACH FOR PAYMENT? IT IS THE PREFERRED METHOD \_\_\_\_\_

Do not contact the requesting department or members of the evaluation committee.

Signature acknowledges that Bidder: has read the bid documents thoroughly before submitting a bid, will fulfill the obligations in accordance to the scope of work or specifications, terms, and conditions, and is submitting without collusion with any other individual or firm. Do not submit more than one bid from your firm or both bids will be disqualified. Submit bid with authorized signature.

**Point of Contact:** Kirby Hollums, Buyer II, [khollums@ci.wheatridge.co.us](mailto:khollums@ci.wheatridge.co.us), or phone 303-235-2885. Do not contact the requesting department.

***Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.***

**INVITATION TO BID  
ITB-19-16  
BRIDGE REPAIR PROJECT  
WEST 44TH AVE OVER CLEAR CREEK  
CITY OF WHEAT RIDGE**

**Bid Due Date:** Thursday, August 29, 2019 by 2:00 PM our clock. Public Opening: City Hall, 7500 W. 29<sup>th</sup> Avenue, Wheat Ridge, CO.

**Project Number:** B-01-19

**Scope of Work:** Bridge rehabilitation project includes replacing the existing expansion devices and repairing a pier cap. The expansion device in the middle of the bridge will be eliminated and the bridge expansion devices on each end of the bridge will be replaced. Two-way traffic will be maintained on the bridge at all times and the bridge cannot be closed. A 404 permit is in process and no work can start that requires access into clear creek until the 404 permit is secured. Approximate quantities include: 136 LF of bridge expansion device, 11,730 LB of Epoxy coated reinforcing steel, 95 SY of asphalt removal, 31 Tons of asphalt. Cost Range is \$300,000 to \$350,000. Anticipated start date is October. Completion time is approximately 60 working days. **A pre-bid conference will not be held for this project.**

**Deadline for Questions:** August 19, 2019 by 3:00 PM

**Contractor Qualification:** Bidder must complete and submit the Contractor Qualification Form provided with the bid document. Failure to complete this form and submit with bid may result in the disqualification of the contractor. The City's acceptance of this bid shall be based on information provided by the contractor in this form. Bid amount and qualifications are evaluated subsequent to bid opening to determine the successful bidder. The City does not pre-qualify contractors. On federally funded projects, Contractor cannot be banned or debarred, per current sam.gov information at [www.sam.gov](http://www.sam.gov).

**Disadvantaged Businesses:** Disadvantaged business enterprises are afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

**Labor Compliance:** Contractors shall comply with the amended provisions of CRS 8-17.5-101 and requirements of the Keep Jobs in Colorado Act, H.B. 13-1292 and CRS 8-17-101 et seq., regarding employment of illegal aliens and Colorado laborers to perform on public contracts.

**Bid Bond:** A 5% bid bond is required to be submitted with the bid. Payment and performance bonds for 100% of the contract price and insurance will be required for the successful bidder.

**Submit Sealed Bids to:** City of Wheat Ridge Municipal Building  
Attn: Kirby Hollums  
7500 W 29<sup>th</sup> Avenue, Purchasing Division  
Wheat Ridge, CO 80033

**Mark Sealed Envelopes:** ITB-19-16, Bridge Repair Project West 44th Ave over Clear Creek

**Comments:** All bids will be validated. No bids will be accepted after the bid due time. Bids received after the bid opening time will be filed unopened. The City of Wheat Ridge reserves the right to reject any and all bids or any part and to waive any formalities or informalities to make an award in the best interest of the City.

**Bid Documents:** Available on the Rocky Mountain E-Purchasing System (a division of BidNet) at [www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com) (800-835-4603 option #2) and the City website at [www.ci.wheatridge.co.us](http://www.ci.wheatridge.co.us). Visit the City website for bid tab sheets and project updates.

**Point of Contact:** Kirby Hollums, Buyer II, [khollums@ci.wheatridge.co.us](mailto:khollums@ci.wheatridge.co.us), or phone 303-235-2885. Do not contact the requesting department.

Publish Dates: August 5, 2019

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Kirby Hollums, Buyer II

Daily Journal: August 5 & August 12, 2019

## INFORMATION FOR BIDDERS

### 1.0 BID SUBMISSION REQUIREMENTS

- 1.1 Sealed Bids for **ITB-19-16, Bridge Repair Project West 44th Ave over Clear Creek, B-01-19** will be received by the City of Wheat Ridge, Office of the Purchasing Agent, 7500 W. 29th Avenue, Wheat Ridge, CO 80033, as stated in the Advertisement. Bid opening date is set for Thursday, August 29, 2019 by 2:00 PM our clock at which time bids will be publicly opened and read aloud.

Questions about this bid shall be referred to Kirby Hollums, Buyer II, 303- 235-2885, or by email [khollums@ci.wheatridge.co.us](mailto:khollums@ci.wheatridge.co.us)

- 1.2 Bid Documents are available on the Rocky Mountain E-Purchasing System (a division of BidNet) at [www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com) (800-835-4603 option #2) and the City website at [www.ci.wheatridge.co.us](http://www.ci.wheatridge.co.us).

The City does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets of bidding documents.

The City in making copies of the bidding documents available on the terms in this Project Manual does so only for the purpose of obtaining bids on the Work and does not confer a license of grant for use.

- 1.3 Two (2) copies of the Project Document/Proposal must be submitted and signed. Single copies of the original bid bond will be accepted. All blank spaces for prices must be filled in, in ink or typewritten, and the Proposal Form must be fully completed and executed when submitted. In the case of discrepancies, the unit price shall govern the extension and subsequent total. No alteration in bid prices by erasures, deletions or strike-outs, will be acceptable unless each alteration is signed or initialed by the Bidder. A conditional or qualified Bid will not be accepted.

The Project Documents contain an affidavit certifying that the Bidder has not participated in any collusion or taken any action in restraint of free competitive bidding. This form must be signed and submitted with the Bid.

Names of all subcontractors and the amounts of their subcontract work shall be provided on the List of Subcontractors, as provided in this bid. If none, state "none".

- 1.4 Bids may be mailed or delivered in person, but must be in a sealed envelope. The envelope should bear on the outside the name of the project for which the Bid is submitted. No bids will be accepted after the date and time established above, except by written addendum.

- 1.5 Each Bid must be accompanied by a Bid Bond payable to the City for five percent (5%) of the total amount of the Bid. A certified check or cashier's check payable to the City of Wheat Ridge may be used in lieu of a Bid Bond. Securities may not be substituted for Bid Bonds.

Attorneys-in-Fact who sign Bid Bonds must file with each Bond a certified and effective dated copy of their Power of Attorney.

Surety companies executing bid and performance bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the State of Colorado.

- 1.6 A bidder may withdraw or revise a proposal after it has been deposited with the City. Withdrawal of bids may be made either in writing or in person; however, any bid withdrawn for purpose of revision must be re-deposited with the City before the time set for opening of bids. Bids may not be withdrawn after the time set for opening of bids.

- 1.7 The City assumes no responsibility for late deliveries of mail on behalf of the United States Post Office. Only sealed bids received by the Purchasing Department will be accepted. Bids submitted by telephone, facsimile machine, or by other electronic means are not acceptable.

In the event of a situation severe enough to cause the City Council to close its offices for any reason, the Purchasing Agent has the prerogative of rescheduling the bid opening time and date. No bidder will be considered above all other bidders by having met the bid opening time and date requirements to the exclusion of those who were unable to present their bid due to the closing of City offices.

- 1.8 Issuance of this Request for Bid does not commit The City of Wheat Ridge to award any contract or to procure or contract for any equipment, materials, or services. The City further reserves the right to waive informalities or irregularities, and the right to accept or reject any and all bids, including but not limited to, any bid which does not meet bonding requirements, or bids which do not furnish the quality, or offer the availability of materials, equipment or services as required by the specifications, description or scope of services, or bids

from bidders who lack experience or financial responsibility, or bids which are not to form, or to award bids to the lowest and most responsive and responsible bidder, or to require new bids.

No award will be made to any person, firm, or corporation that is in arrears upon any obligation to the City.

1.9 The City of Wheat Ridge is exempt from City, County, State and Federal Sales/Excise Taxes. Certificates will be issued upon request.

## 2.0 BID DOCUMENTS

2.1 The Contract Documents consist of the Contract Bid Documents including construction specifications, if any. The Contract Bid Documents contain the provisions required for the bidding and construction of the Project. The Owner shall provide to Bidders, prior to Bidding, all information that is pertinent to, and delineates and describes, the Work. This may occur on the plans or on a separate document.

2.2 Each Bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the Contract Documents, including Addenda. The failure or omission of any Bidder to do any of the foregoing shall in no way relieve any Bidder from any obligation in respect to his Bid. After Bids have been submitted, the Bidder shall not assert that there was a misunderstanding concerning the quantities of Work or of nature of the Work to be done or any materials specified for the Work.

2.3 If it should appear to a Bidder that the work to be done or matters relative thereto are not sufficiently described or explained in the Contract Documents or that the Contract Documents are not definite and clear, the Bidder may make written inquiry regarding same to the Buyer at least five (5) working days or a designated date set by the Buyer, before the scheduled closing time for filing Bids. Then, if in the judgment of the Buyer, additional, information or interpretation is necessary, such information will be supplied in the form of an Addendum, and will be delivered to all individuals, firms and corporations who have received the Contract Documents. Such Addendum shall have the same binding effect as though contained in the main body of the Contract Documents. Oral instructions or information concerning the contract documents or the project given out by officers, employees or agents of the owner to prospective bidders shall not bind the owner. If no request is made in the five working days or the designated time, Bidder waives right to any conflict in the Contract Documents.

2.4 All applicable laws, ordinances and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the Contract throughout. Further, the Bidder agrees to abide by the following federal requirements: Executive Order No. 11246 as amended, including specifically the provisions of the Equal Opportunity Clause, the Immigration Reform and Contract Act of 1986 and the Americans with Disabilities Act of 1991.

As a recipient of Federal funds, subject to United States Department of Transportation Title VI Regulations at 49 CFR Part 21 the Civil Rights Act of 1964, the City of Wheat Ridge, and its responsible agents, contractors and consultants assure that no person shall on the grounds of race, color, or national origin be excluded from participation in the opportunity to bid, or be discriminated against in consideration of award of this project. Disadvantaged business enterprises will be afforded full opportunity to submit bids in response to all invitations subject to the Regulations. The United States has a right to seek judicial enforcement with regard to any matter arising under Title VI, 49 CFR Part 21 and assurances.

2.5 Bidder must complete and submit the Contractor Qualification Form provided with the bid document. Failure to complete this form and submit with bid may result in the disqualification of the contractor. The City's acceptance of this bid shall be based on information provided by the contractor in this form. Bid amount and qualification shall be evaluated subsequent to bid opening to determine the successful bidder. The City does not pre-qualify contractors.

## 3.0 CONTRACT AWARD

3.1 The Owner may make such investigations as deemed necessary to determine the ability of the Bidder and Subcontractors to perform the Work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any Bid if the evidence submitted, or investigation fails to satisfy the Owner that such Bidder or any Subcontractor is properly qualified to carry out the obligations of the Agreement. If the owner rejects any Subcontractor as unqualified, the Bidder may substitute another Subcontractor for approval by the Owner but no change to the Bid Price will be allowed.

3.2 The Award of Contract is anticipated within 60 calendar days after the opening of bids to the lowest most responsive, responsible qualified bidder whose bid complies with all the requirements of this request for bids. Evaluation and award will only include the alternate if the base bid and the alternate price combined are within



the advertised cost range. If more than one alternate, the order or the selection of the alternates for award is at the discretion of the City. Award is in the best interest of the City.

- 3.3 The successful bidder shall be notified of the recommendation for award and to provide two (2) signed agreements, insurance and bonds. A Performance Bond and Payment Bond, each in the amount of 100 percent (100%) of the Contract Price, with a corporate surety approved by the Owner, will be required for the faithful performance of the Contract. Securities may not be substituted for Payment or Performance Bonds. Attorneys-in-Fact who sign Payment and Performance Bonds must file with each Bond a certified and effective dated copy of their Power of Attorney.
- 3.4 The successful bidder shall return the two copies of the executed Agreement and one acceptable Performance and Payment Bonds by a designated date. In case the Bidder fails to comply by the designated date or if the Bidder fails to provide acceptable bonds, the Owner may, at its option, consider the Bidder in default, in which case the Bid Bond accompanying the Proposal (Bid) shall become the property of the Owner.
- 3.5 The Owner, within 14 calendar days of receipt of the requirement stated in 3.3 above, shall execute the Agreement and issue the Notice to Proceed at a pre-construction meeting with the Contractor. If the Owner cannot issue the Notice to Proceed within such time period, the time period will be extended by mutual agreement between the Owner and Contractor. If the Notice to Proceed has not been issued within the 14 calendar day period or within the period mutually agreed upon, the Contractor may terminate the Agreement, by Written Notice, without further liability on the part of either party.
- 3.6 Upon receiving notice of award, the Contractor may obtain from the City three sets of documents at no cost. Additional sets of drawings and specifications may be purchased on a cash sale basis from the City. The Contractor and the Owner will agree on the date that Work will commence which shall be within 14 calendar days of the date of the Notice to Proceed, unless a time extension is approved by the Owner.
- 3.7 Section 2-3 (a) – (e) of the City's Code of Laws is presented below:
- (a) *Fiscal year.* Fiscal year for the city shall commence on January 1 and end on December 31.
  - (b) *Budget contains appropriations.* The city council shall annually adopt a budget in a manner consistent with the provisions of Chapter X of the Home Rule Charter of the City of Wheat Ridge. Upon the annual adoption by the city council of each fiscal year's budget, levels of authorized expenditures from the funds indicated within the annual budget itself and/or the adopting resolution shall constitute the appropriation of the amounts specified therein for the purposes specified therein. During the course of each fiscal year, approval by the city council of contracts for goods or services, and/or approval of bids for the provision of specified goods or services, shall likewise constitute appropriations of the amounts specified therein for the purposes specified therein.
  - (c) *No contract to exceed appropriation.* During each and any fiscal year, no contract entered into by or on behalf of the city shall expend or contract to expend any money, or incur any liability, nor shall any contract be entered into nor any bid be awarded by or on behalf of the city which, by its terms, involves the expenditure of money for any of the purposes for which provision is made either in the adopted budget or adopting resolution, including any legally authorized amendments thereto, in excess of the amount appropriated in the budget or the approved contract or bid award. Any contract or bid award, either verbal or written, made in violation of the provisions of this section shall be void as to the city and no city monies from any source whatsoever shall be paid thereon.
  - (d) *Amendments and authorized expenditures.* Nothing contained herein shall preclude the city council from adopting a supplemental appropriation in a manner consistent with the provisions of Section 10.12 of the Home Rule Charter of the city. Further, nothing contained in this section shall prevent the making of contracts for governmental services or for capital outlay for a period exceeding one (1) year if such contracts are otherwise allowed by the Home Rule Charter of the city; provided, however, any contract so made shall be executory only for the amounts agreed to be paid for such services to be rendered in succeeding fiscal years.
  - (e) *Notice to parties contracting with the city.* All persons contracting with, or selling goods or services to, the city are hereby placed upon notice of the provisions of this section. The provisions of this section shall become a part of the Merit System Personnel Rules and Regulations of the City of Wheat Ridge; shall be referred to specifically in all public works bid documents and contracts; and shall be incorporated into, and specially noted within, all other contracts entered into by or on behalf of the city wherein city funds are used to pay for said contract.

3.8 Section 2-4 of the City Code of Laws is presented below:

- (a) The city may, by contract, require the contractor awarded a public works contract to waive, release or extinguish its rights to recover costs or damages, or obtain an equitable adjustment, for delays in performing such contract if such delay is caused, in whole or in part, by acts or omissions of the city or its agents, if the contract provides that an extension of time for completion of the work is the contractor's remedy for such delay. Such a clause is valid and enforceable, any provision of state law to the contrary notwithstanding.
- (b) The city council, by this ordinance (Ordinance No. 812), declares its local contracting powers to be a matter of purely local concern, and further specifically intends to supersede, pursuant to its powers under Article XX of the Colorado Constitution, the provisions of Sections 24-91-101 and 24-91-103.5, C.R.S., insofar as they conflict with the provisions of this section of the Code of Laws of the City of Wheat Ridge, Colorado.

4.0 ANTICIPATED PROJECT SCHEDULE

ITB Issued	August 5, 2019
Deadline for Questions	August 19, 2019 by 3:00 PM
Final Addendum Issued	August 23, 2019
Bid Due Date and Time	August 29, 2019 at 2:00 PM our clock
Council Action Form Due	September 13, 2019
City Council Meeting to Approve Award	September 23, 2019
Project Start Date	By October 14, 2019
Completion Date	By January 10, 2020



**CITY OF WHEAT RIDGE  
GENERAL PROVISIONS**

**1. DEFINITIONS:**

"City" (also sometimes referred to as "Owner") means the City of Wheat Ridge, Colorado. The City is represented by employees who will assume Project administration, oversight, and inspection responsibilities as further defined in the Contract, the General and Special provisions, and the current edition of CDOT Standard Specifications for Road and Bridge Construction. At the time of the preconstruction meeting, or when requested by the Contractor, the City shall provide an official list of City representatives and their titles as applies to the Project.

"Contractor" means the person, partnership, firm or corporation responsible for the physical accomplishment of the project.

"Subcontractor" means only those having a direct contract with the Contractor and includes one who furnished materials worked to a special design according to the plans or specifications for the work under the Contract, but does not include one who merely furnishes material not so worked.

"Notice" means written demand, instruction or order duly served. Written notice shall be deemed to have been duly served if delivered in person to the Contractor, or if delivered in person or sent by registered mail to the address given in the Contract and shall have been duly served upon the City if delivered to the City Clerk of the City of Wheat Ridge, Municipal Building, Wheat Ridge, Colorado, either in person or by registered mail.

"Work" means performance of the Contractor or Subcontractor including labor and materials and all services incidental thereto.

"Cost" means all charges and expenditures of every kind applicable to the accomplishment of the work.

"Final Completion" means when all items are one hundred percent (100%) complete and when all known defective work has been corrected as certified by the City Representative.

"Substantial Completion Date" is the date on which the City Representative certifies the readiness of the work for beneficial occupancy or use, and is the date for terminating liability for liquidated damages and for determining incentive payments due for early completion.

**2. MATERIALS, SERVICES, AND FACILITIES:**

The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish and pay for all labor, superintendence, material, utilities, machinery, equipment, tools, transportation, facilities, temporary construction of every nature and all other services and facilities of every nature, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work, within the time stated, in accordance with the plans, drawings and specifications covered by the Contract, and any and all supplemental plans, drawings and specifications. He shall furnish, erect, maintain and remove such construction plant and such temporary works as may be required. It will be the responsibility of the Contractor to locate/negotiate a staging area. The City will not provide a staging area on City owned property. Any work necessary to be performed after regular working hours, on Saturdays, Sundays, or Legal Holidays, shall be performed without additional expense to the City.

**3. CONTRACTOR'S TITLE TO MATERIALS:**

No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies used by him in the work, free from all liens, claims or encumbrances.

**4. OBSERVATION AND TESTING:**

All work performed and all workmanship, equipment and materials used in the construction shall be subject to Observation, examination and test, at any and all times during construction.

**5. WEATHER CONDITIONS:**

In the event of temporary suspension of work, or during inclement weather or whenever the City shall direct, the Contractor will, and will cause his Subcontractors to, protect carefully his and their work and materials against damage or injury from weather. If, in the opinion of the City, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of his Subcontractors to so protect his work, such materials shall be removed and replaced at the expense of the Contractor.

6. EMERGENCY - PROTECTION OF LIFE AND PROPERTY:

In case of an emergency which threatens loss of injury or property, and/or safety of life, the Contractor is hereby permitted to act at his own discretion and in a diligent manner without prior instructions from the City to prevent the threatened loss or injury. He shall notify the City immediately thereafter. Any claim for compensation by the Contractor due to such extra work shall be promptly submitted in writing to the City for approval. The amount of any reimbursement claimed by the Contractor shall be determined in the manner provided in Article 9 of this Contract.

7. REPORTS, RECORDS, AND DATA:

The Contractor shall submit to the City such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as may be requested concerning work performed or to be performed under this Contract.

8. SUPERINTENDENCE BY CONTRACTOR:

At the site of the work, the Contractor shall employ a construction superintendent or foreman who shall have full authority to act for the Contractor. It is understood that such Representative shall be acceptable to the City and shall be one who can be continued in that capacity for the particular job involved unless he ceases to be on the Contractor's payroll. All directions given to such Representative in the Contractor's absence shall be as binding as if given to the Contractor.

9. CHANGES IN THE WORK:

The City may, at any time, by written order and without notice to the sureties, require the performance of extra work or make changes by altering, adding to, or deducting from the work. The amount of compensation to be paid to the Contractor shall be adjusted accordingly without invalidating the Contract and in accordance with whichever of the following plans the City elects: (1) a price agreed upon, (2) a price based on unit prices of the Contract; or (3) a price determined by adding fifteen percent (15%) to the reasonable cost of the extra work, addition, alteration, or deduction; provided however, that no additions to the Contract Price shall be agreed upon by, or shall be binding upon the City if the effect of said price increase is to increase the Contract amount beyond the amount of money appropriated by the City Council, as specified in Section 2-3 of the Code of Laws of the City of Wheat Ridge.

In giving instructions, the City may authorize minor changes in the work, not involving extra cost and not inconsistent with the purpose of the project. Otherwise, except in an emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written approved Change Order or RFI response by the City.

10. TIME EXTENSIONS:

The Contractor shall, within seven (7) days from the beginning of any delay, notify the City, in writing, of the causes thereof and the City shall ascertain the facts, the extent of the delay and notify the Contractor of the decision in the matter.

The completion time shall be extended when delay in completion of the work by the Contractor is due to unforeseeable causes beyond his control and without his fault or negligence, including, but not restricted to, acts of God or the public enemy, acts or neglect of the City, acts of neglect of any other contractor, fires, floods, epidemics, quarantine restrictions, strikes, riots, civil commotions or freight embargoes. The time of completion of his work shall be extended by such time as shall be fixed by the City.

No such extension of time shall be deemed a waiver by the City of its right to terminate the Contract for abandonment or delay by the Contractor as herein provided or relieve the Contractor from full responsibility for performance of his obligations hereunder. The City's liability for delay shall be limited pursuant to the provisions of Section 2-4 of the Code of Laws of the City of Wheat Ridge and shall be limited to granting a time extension to the Contractor.

11. DEFECTIVE WORK:

The observation of the work by the City shall not relieve the Contractor of any of his obligations to fulfill his Contract as herein prescribed, and defective work shall be made good, and unsuitable materials may be rejected, notwithstanding that such work and material have been previously overlooked by City representative(s) and accepted or estimated for payment or paid for. If the work or any part thereof shall be found defective or at any time before the final acceptance of the whole work, or the final payment therefore, the Contractor shall forthwith make good such defect in a manner satisfactory to the City and if any material brought upon the ground for use in the work, or selected for the same, shall be condemned by the City as unsuitable, the Contractor shall forthwith remove such materials from the vicinity of the work and shall replace, at his own expense, damaged or unsuitable materials with the new materials of satisfactory quality.

Neither the foregoing nor any provision of these Contract Documents, nor any special guarantee time limit, shall be held to limit the Contractor's liability for defects to less than the legal limit of liability in accordance with the law of the place of the construction.

The Contractor shall pay the City all expenses, losses, and damages as determined by the City incurred in consequence of any defect, omission, or mistake of the Contractor or his employees or the making good thereof.

**12. UNEXPECTED UNDERGROUND STRUCTURES; CHANGE OF CONDITIONS:**

Should the Contractor encounter underground structures at the site materially differing from those shown on the Plans or indicated in the Specifications, he shall immediately give notice to the City of such conditions before they are disturbed. The City will thereupon promptly investigate the conditions, and if it is determined that they materially differ from those shown on the Plans, may authorize changes to be made to the Plan and/or Specifications as may be necessary.

It is understood and agreed that the Contractor has considered in his bid all of the permanent and temporary utility appurtenances in their present or relocated position as shown on the plans and that additional compensation will not be allowed except for any unreasonable delays, or damage sustained by him due to any interference from the said utility appurtenances. Unreasonable delays shall constitute delays caused by a complete shutdown of all operations. It is understood that utilities are not owned, operated or controlled or subject to control by the City of Wheat Ridge. Relocations of facilities owned by said utilities are not a matter over which the City has control. The Contractor shall adjust his schedule in anticipation of such delays so that work in other areas may be completed away from the area of utility conflict.

The locations of all utilities shown on the Project plans should be considered approximate. It is therefore the responsibility of the Contractor to notify the appropriate utility and obtain more precise locations. No compensation will be made to the Contractor for any damage, delay or additional cost incurred as a result of failure to obtain utility locations.

Information on the Plans in the Contract Documents referring to the existence of utilities or other underground structures is not guaranteed to be correct or to be a complete representation of all existing data. Every effort has been made, however, to make this information complete and accurate on the basis of all data and information which could be procured by the City. The Contractor shall make his own examination and shall draw his own conclusions as to the underground facilities which will be encountered, and he shall have no claim for damages of any kind on account of any errors, inaccuracies or omission that may be found.

There shall be no adjustment in Contract Price based on changed site conditions. The Contractor is required hereby to make an on-site inspection and investigation, which includes determination of location of utilities and said and other natural conditions. Representations regarding site and soil conditions and utility locations are based on the best information available to the Owner and final determination as to both site and soil conditions and utility locations is left to the Contractor, without recourse to the City. The City shall allow reasonable and necessary access to the site to Contractor and his representatives to make such determination and site review.

**13. CLAIMS FOR EXTRA COSTS:**

No claim for extra work or cost shall be allowed unless the same was done in pursuance of written order of the City, as provided for in Article 9, and the claim was presented prior to the issuance of the final payment. When work is performed under the "reasonable cost" method as outlined in Article 9 of the General Conditions, the Contractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost, and when requested by the City, give the City access to accounts relating thereto.

NO adjustments will be allowed for fuel cost of asphalt cement.

**14. RIGHT OF CITY TO TERMINATE CONTRACT:**

If (1) the Contractor or any of his Subcontractors shall be adjudged bankrupt or (2) if he shall make a general assignment for the benefit of his creditors or (3) if a receiver shall be appointed of his property, or (4) if the work to be done under this Contract shall be abandoned, or (5) if this Contract or any part hereof shall be sublet, without the previous written consent of the City, or (6) if the Contract or any claim thereunder shall be assigned by the Contractor otherwise than as herein specified, or (7) at any time the City shall certify in writing that the rate of progress of the work or any part thereof is unsatisfactory or (8) that the work or any part thereof is unnecessarily or unreasonably delayed, or (9) that the Contractor, his subcontractors, agents or employees have violated any of the provisions of this Contract, or of the plans and specifications, or construction schedule, the City shall notify Contractor and the Surety, and shall be entitled immediately to terminate the Contract. The Surety shall have the right to take over and perform the Contract, provided, however, that if the Surety does not commence performance thereof within ten (10) days from the date of the mailing to such Surety of notice of termination, the City may take over the work and prosecute the

same to completion by contract or by force account for the account and at the expense of the Contractor, and the Contractor and his Surety shall be liable to the City for any excess cost occasioned the City thereby, and in such event the City may take possession of and utilize in completing the work, such materials, machinery, appliances and plant as may be on the site of the work and necessary therefore. The Contractor, by signing this Contract, gives to the City in the event of default, right to use such aforesaid articles to the full extent which they could be used by the Contractor. The City shall not be liable to the Contractor for trespass or conversion.

All expenses charged under this article shall be deducted and paid for by the City out of money then due to become due the Contractor under this Contract or any part thereof, and in such account the City shall not be held to obtain the lowest figures for the work of completing the Contract or any part thereof or for insuring its proper completion, but all sums actually paid hereafter shall be charged to the Contractor and his Surety. In case the expenses so charged are less than the sum which would have been payable under this Contract if the same had been completed by the Contractor, the City shall be entitled to retain the difference and in case such expenses shall exceed the said sum, the Contractor and his Surety shall pay the amount of the excess to the City upon completion of the work without further demand being made therefore.

15. CONSTRUCTION SCHEDULE:

Before any work is begun, the Contractor shall provide to the City a written schedule detailing the order and manner of doing the work. Before the first partial payment is made, the Contractor shall deliver to the City an estimated construction progress schedule in form satisfactory to the City, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the Contract. The Contractor shall provide an updated schedule every two weeks.

16. PAYMENTS TO THE CONTRACTOR:

During the course of construction, the Contractor shall request payment of work actually performed during the preceding month. The City will once each month make a progress payment to the Contractor on the basis of an evaluation of the claim by the City as to amount of work done and that the City has received full value thereof. In accordance with House Bill 11-1115, the City shall retain five percent (5%) of the value of the completed work. Retainage shall be held until final completion and acceptance of all work, as part security for the fulfillment of the Contract by the Contractor. The amount of the progress payments shall be the balance not retained as aforesaid, after deducting all previous payments and all other sums to be kept or retained under the provisions of this Contract. The Contractor shall have no right to either terminate the Contract or to claim damages if he considers partial payments inadequate.

17. CERTIFICATE OF COMPLETION:

Upon completion of all work whatsoever required including completion of all known defective work, the City shall file a written certificate with the Contractor as to the entire amount of work performed and compensation earned by the Contractor including Extra Work and compensation therefore, and including the date of completion.

18. FINAL PAYMENT:

After the filing of the Certificate of Completion, the City shall pay to the Contractor in accordance with applicable Colorado laws (Article 38, Chapter 26, Section 101 Et. Seq. Colorado Revised Statutes) and upon authorization of funds disbursement by the City Council the amount therein stated, less all prior payments and advances whatsoever, to or for the Account of the Contractor. All prior estimates and payments including those relating to extra work shall be subject to correction by this payment.

19. PAYMENT WITHHELD:

The City, as a result of subsequent discovered evidence, may withhold or nullify the whole or a part of any payment to such extent as may be necessary to protect the City from loss on account of:

- (a) Defective work not remedied.
- (b) Claims filed or reasonable evidence indicating probable filing of claim.
- (c) Failure of the Contractor to make payments properly to Subcontractor or for material or labor, or to comply with laws relative thereto.
- (d) A reasonable doubt that the Contract can be completed for the balance then unpaid.
- (e) Damage to another Contractor.
- (f) Damage to the real or personal property of another and failure to repair or replace the same.

When the grounds for withholding payment have been corrected to the satisfaction of the City, the City shall proceed to process any amounts due.

20. FINAL PAYMENT TO TERMINATE LIABILITY OF CITY:

The acceptance by the Contractor of the last payment made as aforesaid under the provisions of Article 19 shall operate as and shall be a release to the City, its officers, or agents from all claims and liability to the Contractor, his vendors, laborers or Subcontractors for anything done or furnished for, relating to, or for any act or neglect of the City or of any persons relating to, or affecting the work, except the claim against the City for the remainder, if any there be, of the amounts kept or retained as provided in Article 17, 19 and 20 of these . Said acceptance shall also operate as a general release of the City by the Contractor.

21. EFFECT OF CERTIFICATION AND PAYMENT:

Neither the certification nor payment made to the Contractor, not partial or entire use or occupancy of the work by the City shall be an acceptance of any work or materials not in accordance with the Contract. The making and acceptance of the final payment shall constitute a bar of all claims by the Contractor, except those previously made in writing and still unsettled.

22. GENERAL WARRANTY:

The Contractor shall guarantee the work against defective materials or workmanship for a period of one (1) year from the final completion date. Upon discovery of any defects including any damage to other work resulting, repair and replacement that is required, in the opinion of the City, shall be done immediately by the Contractor at the Contractor's expense. Should the Contractor fail to repair such defective material and/or workmanship, or to make replacement within five (5) days after written notice by the City, it is agreed that the City shall make such repairs and replacements and the actual cost of the required labor and materials shall be chargeable to and payable by the Contractor.

23. INSURANCE:

The Contractor shall maintain general liability and property damage insurance (the "Liability Policy") to protect the Contractor and the City from any and all claims for damages including but not limited to claims for property damage and bodily injury, including death, which may arise from operations under this Contract, including the operations of subcontractors. The Liability Policy shall state that it is the primary insurance for such claims and shall not contain any "excess" or "other insurance" clauses which limit its application as the primary coverage for those claims. The Contractor shall be individually liable for any and all defects in the Liability Policy. The Liability Policy shall not be terminated or cancelled prior to the completion of this Contract without at least 45 days prior written notice to the City.

For bodily injury	\$500,000 each person/ \$500,000 each accident/ \$500,000 each disease
For property damage	\$1,000,000 for each occurrence
For automobile liability	\$1,000,000 combined single limit

In lieu of the foregoing, a single limit public liability policy for personal injury, property and/or vehicle damage will be accepted in the amount of \$2,000,000.00.

Such insurance shall be without prejudice to coverage otherwise existing, and shall name as additional insured, the City of Wheat Ridge, its officers and employees.

Notwithstanding the naming of additional insured, the said policy shall protect each insured in the same manner as though a separate policy had been issued to each, but nothing herein shall operate to increase the insurer's liability as set forth elsewhere in the policy beyond the amount or amounts for which the insurer would have been liable if only one person or interest had been named as insured. A certificate evidencing such insurance, together with the proper endorsement, shall be filed, subject to approval as to the adequacy of protection.

Fire and Standard Extended Coverage Insurance -- The Contractor shall insure the work for 100 percent (100%) of the replacement value thereof for the life of the Contract against all loss or damage covered by the Standard Extended Coverage Insurance endorsement, including theft, vandalism, and malicious mischief, with an insurance company or companies acceptable to the City. The amount of the insurance may vary with the extent of the work completed but shall at all times be at least equal to the replaceable value of the amount paid for the work and materials installed and delivered plus the replaceable value of the work or materials furnished or delivered, but not yet paid for by the City. The insurance policy or policies shall be held jointly in the name of the City and Contractor as their respective interest may appear.

The issue, if any, shall be made adjustable with and payable to the City as a trustee for whom it may concern. Any payments made under such policy shall insure to the benefit of the City to the extent of balance for replacement of the loss suffered. The policy of insurance shall provide that it shall not be terminated or be canceled prior to the completion of this Contract. The Contractor shall be responsible for all damage to the work under construction, whether from fire, water, high winds or other cause during construction and until final completion and acceptance, even though partial payments or progress payments have been made under the Contract.



Workers' Compensation Insurance -- The Contractor shall provide workers' compensation insurance coverage for all persons employed on the work to be done under the Contract and assure that all workers will receive the compensation for compensable injuries.

Certificates of Insurance shall be attached to the executed Contract Documents and shall become a part of the Contract. These Certificates shall include a provision that thirty (30) days prior to insurance cancellation, written notice shall be given to the City of Wheat Ridge.

Indemnification of City -- Contractor hereby indemnifies and agrees to hold the City and its representatives and agents harmless for and on account of any act or omission in the completion and execution of the project specified herein, which indemnification shall extend to and include any damage of whatever sort or description, suffered by any person or entity, and shall include compensatory, punitive or special damages; and Contractor agrees to defend City hereunder, at Contractor's sole expense and if he fails to do so, to thereafter indemnify City, in addition to the above indemnification, for all court costs and attorney fees incurred in any defense required to be undertaken by the City.

Notwithstanding the foregoing, nothing contained herein shall be deemed a waiver by the City of any of the protections afforded the City by virtue of the provisions of the Colorado Governmental Immunity Act (Colo. Rev. Stat. 24-10-101).

#### 24. RESPONSIBILITY FOR WORK; PRIORITY OF DOCUMENTS:

- a) Debts and claims: The Contractor shall pay all debts for labor and materials contracted for by him on account of the work herein contemplated. The Contractor shall assume the defense of, and indemnify and save harmless, the City and its officers and agents, from all claims relating to labor and materials furnished for the work; to infringement or alleged infringement of invention patents and patent rights used in, or in connection with the work or however originating from any of the work under this Contractor from conditions created thereby; to injuries to any persons or corporation caused by the acts or negligence of the Contractor or any of his agents or employees, or of any Subcontractor or any agents or employees of any Subcontractors, in doing the work or in consequence of any improper materials, implements or labor used therein; and shall fully reimburse and repay to the City all outlay and expense which the City may incur by reason of his failure to do so. The Contractor shall satisfy all suits and claims against the City arising from the violation of any law, ordinance, regulation, order, or decree on the part of the Contractor or any of his agents or employees, or any Subcontractor, or agent or employees of any Subcontractor; shall fully indemnify and save harmless the City against and from all cost, loss, and damage which the City may suffer by reason of his failure to do so; and shall fully reimburse and repay to the City all outlay and expense which the City may incur in making good any such default. The Contractor shall fully complete the work required to be done under this Contract, free from all liens and claims of any kind whatsoever.
- b) Plans and Specifications: It shall be the duty of the Contractor to carefully study and compare all drawings, specifications and instructions, visit the project site and acquaint himself with all conditions, and call to the attention of the City any discrepancy, error, omission or inconsistency that may exist in the plans or specifications, or between the plans and specifications, or any conflict between existing conditions and requirements of the plans and specifications. The execution or work in accordance with the plans, specifications or other instructions will be considered as evidence that the Contractor is thoroughly familiar with the true intent of the plans, specifications or other instructions. Change orders will not be issued to cover any cost, loss, or expense for additional labor or material required to rectify any discrepancies discovered or reported to the City after the execution of the work, unless the discrepancies are errors in structural, mechanical or electrical design as determined by the City.
- c) Priority of Documents: In case of discrepancy or inconsistency in the terms or conditions of any documents, the Contract Documents shall have the following order of priority such that a statement appearing in the document with the higher priority shall control any inconsistent statement in a document of lower priority. (The following are listed from the highest priority to the lowest priority):
  1. The Agreement
  2. Drawings and any notes appearing on the drawings
  3. Project Special Provisions
  4. Current edition of CDOT Standard Specifications for Road and Bridge Construction and all supplements thereto (English Version).
  5. General Provisions of the Contract for construction.

25. CARE AND PROTECTION OF PROPERTY:

The Contractor expressly undertakes at his own expense:

To assume full responsibility for the preservation of all public and private property, and use every precaution necessary to prevent damage thereto. If any direct or indirect damage is done to public or private property or on account of any act, omission, neglect or misconduct in the execution of the work on the part of the Contractor, such property shall be restored by the Contractor, at his expense, to a condition similar or equal to that existing before the damage was done, or he shall make good the damage in another manner acceptable to the City. No representations are made by or on behalf of the City concerning the conditions, locations or state of repair or existing sewers, drains, water mains and other underground structures;

To store his apparatus, materials, supplies, and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work or the work on any other Contractor;

To provide suitable storage facilities for all materials which are liable to injury or exposure to weather, theft, breakage, or otherwise;

To place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work;

To clean up frequently all refuse, rubbish, scrap materials, and debris caused by his operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance;

To fully and completely remove all utility markings generated by or as a result of the project from public rights-of-way utilizing a method that is least destructive to the existing improvements, and which method has been approved by the City. Should the contractor propose to remove the markings with pressure washing, all pressure washing runoff and residue shall be contained and collected in accordance with Best Management Practices and Wheat Ridge Ordinance Chapter 20, Stormwater Quality and Control. Removal of all markings shall occur no later than twenty (20) days after completion of work.

To remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition before final payment;

To affect all cutting, fitting or patching of his work required to make the same to conform to the Plans and Specifications and, except with the consent of the City, not to cut or otherwise alter the work of any other Contractor. The Contractor shall not, except after written consent from proper parties enter or occupy with men, tools, materials or equipment, any privately owned land except on easements provided herein.

26. LANDS FOR WORK AND RIGHT-OF-WAY:

The City will provide land, right-of-way and easements for all work specified in the Contract.

27. NO DAMAGES FOR CERTAIN DELAYS:

The City may delay the commencement of the work, or any part thereof, if the City shall deem it for the best interest of the City to do so. The Contractor shall have no claim for damages on account of such delay, but he shall be entitled to so much additional time in which to complete the whole or any portion of the work required under this Contract as the City shall certify in writing to be just. The Contractor shall have no claim for damages on account of any delay on the part of another Contractor. Contractor expressly acknowledges and accepts the provisions of Section 2-4 of the Code of Laws of the City of Wheat Ridge as controlling this Project.

28. REQUIRED PROVISIONS DEEMED INSERTED:

Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein, and the Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise, any such provision is not inserted, or if not correctly inserted, then upon the applications of either party, the Contract shall forthwith be physically amended to make such insertion.

29. PROTECTION OF LIVES AND HEALTH:

The Contractor shall take all necessary precautions for the safety of employees of the work, and shall comply with all applicable provisions of Federal, State, and Municipal safety laws and building codes to prevent accidents or injury to persons on, about or adjacent to the premises where the work is being performed. He shall erect and properly maintain at all times, as required by the conditions and progress of the work, all necessary safeguards for the protection of workmen and the public and shall post danger signs warning against the hazards created by the construction such as protruding nails, hod hoists, well holes, elevator hatchways, scaffolding, window openings, stairways, and falling materials.



The Contractor shall comply with the Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (PL-91-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (PL-19-54).

**30. WAGE RATES:**

The attention of the bidder is called to the requirements and provisions of all applicable laws and any amendments thereof or additions thereto as to the employment of labor, and to the schedule of any minimum wage rates established in compliance with such laws. If, after the award of the Contract, it becomes necessary to employ any person in a trade or occupation not classified in the wage determinations, such person shall be paid at not less than such rate as shall be determined by the officials administering the laws mentioned above.

The Contract is subject to the applicable provisions of the Contract Work Hours Standards Act. Public Law 87-581, 87th Congress. No Contractor or Subcontractor contracting for any part of the contract work shall require or permit any laborer or mechanic to be employed on such work in excess of eight (8) hours in any calendar day or in excess of forty (40) hours in any work week unless such laborer or mechanic received compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of eight (8) hours in any calendar day or in excess of forty (40) hours in such work week, as the case may be.

**31. EMPLOYMENT OF LABOR:**

The Contractor and each of his Subcontractors shall hire qualified workers for the project who are citizens of the United States or legal resident aliens with first preference being given, insofar as practicable, to those having served in the armed forces of the United States and having been honorably discharged or released from active duty therein.

The Contractor shall employ only competent persons to do the work, and whenever requested in writing by the City Representative, the Contractor shall discharge any person who commits trespass or is, in the opinion of the City Representative, disorderly, dangerous, unfaithful, insubordinate, incompetent or otherwise unsatisfactory.

**32. SANITARY PRECAUTIONS:**

Sanitary conveniences for the use of all persons employed on the work, properly screened from public observation, shall be provided in sufficient numbers in such manner and at such points as shall be approved. The contents shall be removed and disposed of in a satisfactory manner as the occasion requires. The Contractor shall rigorously prohibit the committal of nuisances within, on, or about the work. Any employees found violating these provisions shall be discharged and not again employed on the work without the written consent of the City Representative.

The Contractor shall supply sufficient drinking water from approved sources to all of his employees.

The sanitary convenience specified above shall be the obligation and responsibility of the General Contractor until the completion of the work. The facilities shall be made available to all other Contractors and Subcontractors.

**33. SALES AND USE TAXES:**

Do not include sales or use taxes in your bid. House Bill 1451 provides that Contractors shall make application with the Colorado State Department of Revenue for a tax exempt number which will be issued for the duration of the project. This tax exempt number is for State taxes only. The City of Wheat Ridge will issue its own tax exempt number for local sales tax purposes. An affidavit must be signed by the General Contractor for such project before the City tax exempt number can be issued. Please be advised that a supplier is allowed by Colorado law (C.R.S. 39-26-703 (1) to disallow any exemption because the seller is ultimately responsible for the tax. When a supplier exercises this right, please seek a refund of sales taxes paid from the appropriate jurisdiction (city or state).

**35. BUSINESS LICENSE:**

A business license is required for all Contractors performing work in the City prior to beginning work. Please contact the City Sales Tax Division to obtain a license.

# CONTRACTOR'S QUALIFICATION FORM

Your Bid Will Not Be Processed If Incomplete

## SECTION I - IDENTIFICATION

### 1. Identification of Applicant Firm

A. \_\_\_\_\_  
Exact Legal Name of Applicant Firm DUNS # \_\_\_\_\_

B. \_\_\_\_\_  
Street Address City State Zip Code

C. \_\_\_\_\_  
(Mailing Address, if different from above)

D. Primary Company Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

E. Applicant Firm's Contact Person for Public Works Office follow-up:

\_\_\_\_\_  
Print or Type Name Position Telephone Number

F. Has the Applicant Firm changed its address or has the Firm or its Owner(s) operated under any other name(s) including other DBAs in the past five years? If yes, explain fully on a separate sheet of paper.  
 No  Yes

G. Type of business organization: \_\_\_\_\_

YEAR organization established: \_\_\_\_\_ NUMBER of current full time employees: \_\_\_\_\_

Sole Proprietor  Corporation – [Date and State of Incorporation \_\_\_\_\_

Limited Partnership  General Partnership

[Date and State of Partnership filing \_\_\_\_\_

Limited Liability Company  Limited Liability Partnership

[Date and State of filing \_\_\_\_\_

Other (describe) \_\_\_\_\_

Type of service(s) to be provided to the City of Wheat Ridge.

- |   |   |
|---|---|
| <input type="checkbox"/> General Contractor | <input type="checkbox"/> Concrete Flatwork      |
| <input type="checkbox"/> Storm Sewer        | <input type="checkbox"/> Concrete Structures    |
| <input type="checkbox"/> Traffic Signals    | <input type="checkbox"/> Slurry Seal            |
| <input type="checkbox"/> Grading            | <input type="checkbox"/> Fog Seal               |
| <input type="checkbox"/> Asphalt Paving     | <input type="checkbox"/> Crack Sealing          |
| <input type="checkbox"/> Concrete Paving    | <input type="checkbox"/> Landscaping            |
| <input type="checkbox"/> Signing            | <input type="checkbox"/> Striping               |
| <input type="checkbox"/> Traffic Control    | <input type="checkbox"/> Other (describe) _____ |

**SECTION II - OWNERSHIP/MANAGEMENT, PROJECT MANAGEMENT,  
SUPERVISORS, AND RELATED ENTITIES**

**1. Owners**

List Owners of Applicant Firm.

Full Legal Name	Title	Years of Related Experience	% Of Ownership

[Use additional sheets if necessary]

**2. Project Management Team, Supervisors and Employees Who Will Be Working Directly On the Project(s).**

List the full names of the primary employees of the proposed Project Team.

Full Legal Name	Present Position	Years of Related Experience	% of Time Devoted to Project	Professional Licenses

[Use additional sheets if necessary]

**3. Resume**

Attach resumes of the Project Management Team showing the last five years of employment in this field. Resumes must be comprehensive and include of Firms worked for and dates of employment. (RESUMES are not required from Materials Suppliers (Vendors).

**4. Contractor's License(s)**

The awarded Contractor must obtain or have a current City of Wheat Ridge Municipal Contractor's License within 7 days of Council approval of bid award.

**SECTION III - CONTRACTING HISTORY**

**1. Contracting History**

A. List the applicant Firm's six largest contracts in the last three years.

1. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_
  
2. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_
  
3. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_

**SECTION III - CONTRACTING HISTORY – (Continued)**

4. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_
5. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_
6. Company Name \_\_\_\_\_ Contact Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_  
Contract Name & Number \_\_\_\_\_  
Contract Amount \_\_\_\_\_ Start/Completion Dates \_\_\_\_\_  
Description of Work \_\_\_\_\_  
\_\_\_\_\_  
Prime or Subcontractor \_\_\_\_\_

### SECTION III - CONTRACTING HISTORY – (Continued)

In the past five years has the Applicant Firm or any Affiliate been the subject of any of the following actions?

- A. Been suspended, debarred, disqualified, or otherwise declared ineligible to bid?  
 No  Yes
- B. Failed to complete a contract for a commercial, private owner or Government agency?  
 No  Yes
- C. Been denied a low-bid contract in spite of being the low bidder?  
 No  Yes
- D. Had a contract terminated for any reason, including default?  
 No  Yes
- E. Had liquidated damages assessed against it during or after completion of a contract?  
 No  Yes

If "Yes" to Sections IV, V or VI, provide details including a brief summary of cause(s) of action, indicate if Applicant Firm, Owner or Affiliate Firms were plaintiffs (P) or defendants (D); define charges explicitly, by what authority, court or jurisdiction, etc. Complete details are required!

NOTE: For Sections IV and V below, the definition of an "investigation" includes: an appearance before a grand jury by representatives of the Firm; any oral or written inquiry or review of the Firm's documents by a governmental or law enforcement agency or investigative agency; or questioning of employees concerning the general operation or a specific project or activities of the Firm

### SECTION IV - CIVIL ACTIONS

#### 1. Violations Of Civil Law

In the past five years has Applicant Firm, any of its Owners, or any Affiliate been the subject of an investigation of any alleged violation of a civil antitrust law, or other federal, state or local civil law?

- No  Yes

#### 2. Lawsuits With Public Agencies

At the present time is, or during the past five years has the Applicant Firm, any of its Owners, or any Affiliate been a plaintiff or defendant in any lawsuit regarding services or goods provided to the City of Wheat Ridge or to a public agency?

- No  Yes

#### 3. Bankruptcy

During the past five years, has the Applicant Firm or any Affiliate filed for bankruptcy or reorganization under the bankruptcy laws?

- No  Yes

#### 4. Judgments, Liens And Claims

During the past five years, has the Applicant Firm been the subject of a judgment, lien or claim of \$10,000 or more by a subcontractor or supplier?

- No  Yes

#### 5. Tax Liens

During the past five years, has the Applicant Firm been the subject of a tax lien by federal, state or any other tax authority?

- No  Yes

### SECTION V - COMPLIANCE WITH LAWS AND OTHER REGULATIONS

#### 1. Criminal

In the past five years has the Applicant Firm, any of its Owners, or Affiliates:

- A. Been the subject of an investigation involving any alleged violation of criminal law?  
 No  Yes

- B. Been arrested, indicted or named as an unindicted co-conspirator in any indictment or other accusatory instrument?  
 No  Yes
- C. Been convicted, after trial or by plea, of any felony under state or federal law?  
 No  Yes
- D. Been convicted of any misdemeanor involving business-related crimes?  
 No  Yes
- E. Entered a plea of nolo contendere to a charge of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or a violation of any antitrust laws?  
 No  Yes
- F. Entered into a consent decree?  
 No  Yes
- G. Been granted immunity from prosecution for any business-related conduct constituting a crime under state or federal law?  
 No  Yes
- H. Taken the Fifth Amendment in testimony on any business-related crime?  
 No  Yes
- I. Paid a fine or settlement to resolve any criminal or civil violations or allegations involving a business activity?  
 No  Yes
- J. Do any Owners in Applicant Firm have any felony charges pending against them that were filed either before, during, or after their employment with the Applicant Firm?  
 No  Yes

**1. Regulatory Compliance**

In the past five years, has Applicant Firm, any of its Owners, or Affiliates been cited for:

- A. A violation of any labor law or regulation, including prevailing wage rates and fair labor practices?  
 No  Yes
- B. An OSHA violation?  
 No  Yes
- C. A violation of federal, state or local environmental laws or regulations?  
 No  Yes
- D. Any other administrative, statutory or regulatory violations?  
 No  Yes

**SECTION VI - ETHICS**

**1. False Statements, Bribes, Collusion**

In the past five years has the Applicant Firm, any of its Owners, or Affiliates:

- A. Filed with a government body (including City of Wheat Ridge) or submitted to a government employee (including City of Wheat Ridge employee) any form of document known by the Applicant Firm, any of its Owners, or by the person submitting the document, to contain false information?  
 No  Yes
- B. Created or maintained false business records?  
 No  Yes
- C. Given, or offered to give, money or any other benefit to a public official or employee with intent to influence that person regarding any of their official acts, duties or decisions?  
 No  Yes
- D. Given, or offered to give, money or other benefit to an official or employee of a private business with intent to induce that official or employee to engage in unethical or illegal business activities (including but not limited to improper gratuities, and/or violations of lobbying regulations)?  
 No  Yes



- E. Agreed with another to bid below prevailing market rate?  
 No  Yes
- F. Agreed with another to submit identical or complimentary bids or otherwise not to bid competitively?  
 No  Yes
- G. Agreed with another not to submit competitive bids in another's territory established either by geography or customers?  
 No  Yes
- H. Agreed with another to take turns in obtaining contracts by pre-determining which Firm shall submit the lowest bid?  
 No  Yes

**2. Conflict Of Interest**

- A. Does the Applicant Firm, any of its Owners or Project Team Members have any existing relationships that could be construed as either personal or organizational conflicts of interest, or which would give rise to a conflict if Applicant Firm should be a recipient of a contract with the City of Wheat Ridge?  
 No  Yes
- B. Has any Owner or Project Team member of Applicant Firm ever (if yes explain fully):
  - 1. Been an employee of the City of Wheat Ridge, or served as a Member of Wheat Ridge City Council?  
 No  Yes
  - 2. Been related by blood or marriage to a City of Wheat Ridge employee or Council Member?  
 No  Yes

**SECTION VII - ADDITIONAL DOCUMENTATION REQUIRED**

**Additional document copies to be submitted with this application:**

Letter of Reference from your Firm's Surety, which states current available aggregate and single project bonding capacity (This Application will not be processed without this letter)

List of Major Equipment by number and type available for the Project(s).

Certification of all IMSA certified personnel, if applying for traffic signal project(s). A minimum of two full time employees must be certified at Level II or higher.

**PROPOSAL FORM  
ITB-19-16  
BRIDGE REPAIR PROJECT  
WEST 44TH AVE OVER CLEAR CREEK  
B-01-19**

This is the Proposal (Bid) of \_\_\_\_\_ (hereinafter called "BIDDER") or organized and existing under the laws of the State of \_\_\_\_\_ doing business as a \_\_\_\_\_ (Insert "a corporation", "a partnership", or "an individual" as applicable.)

To the CITY OF WHEAT RIDGE (hereinafter called "Owner").

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Contract Bid Documents, to complete all Work as specified or indicated in the Contract Bid Documents for the Contract Sum and within the Contract time indicated in accordance with the Contract Bid Documents.

Bidder accepts all of the terms and conditions of the Instructions to Bidders. The Bid will remain open for sixty days after the day of Bid opening. Bidder will sign the Agreement and submit any documents required by the Contract documents within seven (7) calendar days after notification or the designated date.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies as to his own organization, that this Bid has been arrived at independently without consultation, or communication with any competitor. Every bid submitted to the City shall contain a statement certifying that the Bidder has not participated in any collusion or taken any action in restraint of free competitive bidding. This statement shall be in the form of an affidavit provided by the City and included in the Bid Proposal. The Bidders proposal will be rejected if it does not contain the completed Non-collusion Affidavit.

Bidder agrees to abide by the following federal requirements:

Executive Order No. 11246 as amended, including specifically, the provisions of the Equal Opportunity Clause, the Immigration Reform and Contract Act of 1986, and the Americans with Disabilities Act of 1991.

United States Department of Transportation Title VI Regulations at 49 CFR Part 21 the Civil Rights Act of 1964, assuring that no person shall on the grounds of race, color, or national origin be excluded from participation in the opportunity to bid, or be discriminated against in consideration of award of this project.

Bidder hereby agrees to commence Work under this contract on or before a date to be specified in the Notice to Proceed and to fully complete the Project within 60 working days.

The Notice to Proceed shall be issued within fourteen (14) days of the execution of the Agreement by the Owner. Should there be reason why the Notice to Proceed cannot be issued within such period, the time may be extended by mutual agreement between the Owner and Contractor. If the Notice to Proceed has not been issued within the period mutually agreed upon, the Contractor may terminate the Agreement without further liability on the part of either party.

The Owner may make such investigations as he deems necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Agreement.

Bidder has examined the site and locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress, or performance of the Work and has made such independent investigation as Bidder deems necessary.

Bidder will complete the Work for all accepted bid items.

**PROPOSAL FORM, CONTINUED**  
**ITB-19-16**  
**PRICING SCHEDULE**

Provide all materials, labor, and equipment to complete the work as per the specifications. It is the Owner's intent to award a single contract to the lowest qualified bidder.

Project: Bridge Repair Project West 44th Ave over Clear Creek, B-01-19

---

Company Name Date

---

Authorized Signature Title

---

Printed Name

---

Title

---

License No. Type Expiration Date

ATTEST:

---

Printed Name

---

Signature Title

SEAL  
(If bid is by corporation)

ADDENDA

Bidder acknowledges receipt of the following Addenda:

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**BID SCHEDULE**      COMPANY SUBMITTING BID \_\_\_\_\_  
**ITB-19-16**  
**B-01-19**

Bidder agrees to perform all the work described in the Contract Documents for the following unit prices or lump sums.

**BASE BID – Bridge Repair Project West 44th Ave over Clear Creek**

<b>ITEM NO.</b>	<b>PAY ITEM</b>	<b>ESTIMATED QUANTITY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>EXTENSION</b>
201	Clearing and Grubbing	1	LS	\$ _____	\$ _____
202A	Removal of Asphalt Mat	95	SY	\$ _____	\$ _____
202B	Removal of Portions of Present Structure (Class 3)	81	SY	\$ _____	\$ _____
202C	Removal of Portions of Present Structure	1	LS	\$ _____	\$ _____
206	Structure Excavation	13	CY	\$ _____	\$ _____
208A	Aggregate Bag	70	LF	\$ _____	\$ _____
208B	Concrete Washout Structure	1	EA	\$ _____	\$ _____
304	Aggregate Base Course (Class 6)	14	CY	\$ _____	\$ _____
403	Hot Mix Asphalt (Grading SX)(PG- 64-22)	31	Ton	\$ _____	\$ _____
411	Emulsified Asphalt (Slow-Setting)	16	Gal	\$ _____	\$ _____
515	Waterproofing (Membrane)	74	SY	\$ _____	\$ _____
518	Bridge Expansion Devise (0-4 Inch)	136	LF	\$ _____	\$ _____
601A	Concrete Class DT (Deck Topping)	56	CY	\$ _____	\$ _____
601B	Galvanic Anodes	495	EA	\$ _____	\$ _____
602	Reinforcing Steel (Epoxy Coated)	11,730	LB	\$ _____	\$ _____
614	Variable Message Sign	2	EA	\$ _____	\$ _____
620	Sanitary Facility	1	EA	\$ _____	\$ _____
626	Mobilization	1	LS	\$ _____	\$ _____
<b>SUBTOTAL THIS PAGE</b>				\$ _____	

COMPANY SUBMITTING BID \_\_\_\_\_

<b>ITEM NO.</b>	<b>PAY ITEM</b>	<b>ESTIMATED QUANTITY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>EXTENSION</b>
627	Pavement Marking Paint	25	Gal	\$ _____	\$ _____
630A	Flagging	160	HR	\$ _____	\$ _____
630B	Concrete Barrier (Temporary)	406	LF	\$ _____	\$ _____
630C	Construction Traffic Sign (Panel Size A)	16	EA	\$ _____	\$ _____
630D	Drum Channelizing Devise	75	EA	\$ _____	\$ _____
630E	Traffic Cones	20	EA	\$ _____	\$ _____
630F	Impact Attenuator (Temporary)	2	EA	\$ _____	\$ _____

SUBTOTAL THIS PAGE \$ \_\_\_\_\_

TOTAL AMOUNT OF BID \$ \_\_\_\_\_

WRITTEN OUT AMOUNT OF BID \_\_\_\_\_

\_\_\_\_\_



**CITY OF WHEAT RIDGE, CO**  
**NON-DISCRIMINATION ASSURANCE FORM**  
**TITLE VI REGULATIONS AT 49 CFR PART 21**

Title VI of the Civil Rights Act of 1964 prohibits discrimination on the basis of race, color or national origin by any entity receiving federal financial assistance.

The City of Wheat Ridge is a recipient of Federal financial assistance and as such, it, as well as all of its responsible agents, contractors and consultants, is required by the United States Department of Transportation Title VI Regulations at 49 CFR Part 21 (the Regulations) to assure nondiscrimination. The City of Wheat Ridge assures that no person shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination on the grounds of race, color, or national origin under any program or activity conducted by the City.

All bidders are hereby notified that the City of Wheat Ridge will affirmatively ensure that disadvantaged business enterprises will be afforded full opportunity to submit bids in response to all invitations and will not be discriminated against on the grounds of race, color or national origin in consideration for an award. This applies to all solicitations for bids for work or material subject to the Regulations, and for all proposals for negotiated agreements.

The bidder, whose name and signature appear below, certifies and agrees as follows:

1. The bidder shall comply with the provisions of Title VI of the Civil Rights Act of 1964.
2. The bidder assures the City of Wheat Ridge that disadvantaged business enterprises are afforded full opportunity to submit bids as sub-contractors or sub-consultants and will not be discriminated against on the grounds of race, color or national origin in consideration for award.
3. The bidder shall comply with all reasonable requests made in the course of an investigation of Title VI, the Regulations and this assurance by the Colorado Department of Transportation, the US Department of Transportation or the City of Wheat Ridge, as a sub-recipient of Federal financial assistance.
4. The bidder agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under Title VI, the Regulations and this assurance.

FIRM: \_\_\_\_\_  
(Print full legal name of company)

AUTHORIZED SIGNATURE: \_\_\_\_\_

Printed Name and Title: \_\_\_\_\_

Date Certified and Agreed: \_\_\_\_\_

Attestation: (A corporate attestation is required)

Place corporate seal below:

BY: \_\_\_\_\_  
Corporate Secretary or Equivalent

***Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.***



**CITY OF WHEAT RIDGE, CO**  
**CERTIFICATION STATEMENT FOR**  
**ILLEGAL ALIENS, COMPLIANCE TO HB 1343**

The Vendor, whose name and signature appear below, certifies and agrees as follows:

1. The Vendor shall comply with the provisions of CRS 8-17.5-101 et seq.
2. The Vendor shall not knowingly employ or contract with an illegal alien to perform work under this purchase order or enter into a contract with a subcontractor that knowingly employs or contracts with an illegal alien.
3. The Vendor represents, warrants, and agrees that it (i) has verified that it does not employ any illegal aliens, through participation in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security, or (ii) otherwise shall comply with the requirements of CRS 8-17.5-102(2)(b)(I).
4. The Vendor shall comply with all reasonable requests made in the course of an investigation by the Colorado Department of Labor and Employment. If the Vendor fails to comply with any requirement of this provision or CRS 8-17.5-101 et seq., the City may terminate the above referenced purchase order for breach and the Vendor shall be liable for actual and consequential damages to the City of Wheat Ridge.

CERTIFIED and AGREED to this \_\_\_\_\_ day of \_\_\_\_\_, 2019

BID NUMBER: \_\_\_\_\_

FIRM: \_\_\_\_\_  
(Print Full Legal Name)

Authorized Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Print Title: \_\_\_\_\_ Date: \_\_\_\_\_

Attestation: (A corporate attestation is required.)

BY: \_\_\_\_\_  
Corporate Secretary or Equivalent Place corporate seal here, if applicable

**Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.**

**CITY OF WHEAT RIDGE, CO**  
**NON-COLLUSION AFFIDAVIT**

COMPANY SUBMITTING BID: \_\_\_\_\_

STATE OF: \_\_\_\_\_

COUNTY OF: \_\_\_\_\_

\_\_\_\_\_ of lawful age, being duly sworn, on oath says that (s)he is the agent authorized by the Bidder to submit the attached bid. Affidavit further states that the Bidder has not been a party of any collusion among Bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or any Federal, State or Municipal official or employees as to quantity, quality, or price in the prospective Contract, or any other items of said prospective Contract; or in any discussions between bidders and any Federal, State or Municipal official concerning exchange of money or other thing of value for special consideration in the letting of a Contract.

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2019

\_\_\_\_\_  
NOTARY PUBLIC SIGNATURE

My Commission Expires:

**Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding**

**CITY OF WHEAT RIDGE, CO**  
**CERTIFICATION STATEMENT FOR**  
**KEEP JOBS IN COLORADO ACT (80% Colorado Labor),**  
**COMPLIANCE TO H.B. 13-1292**

Effective January 1, 2014, the Keep Jobs in Colorado Act requires that Colorado labor be employed to perform at least 80% of the work on a public works project, as defined in C.R.S. 8-19-102(2).

**References**

Keep Jobs in Colorado Act - 8-17-101, et.seq., C.R.S.

Definition of Public Projects - 8-19-102, C.R.S.

Construction Bidding for Public Projects – 24-92-102, C.R.S.

House Bill 13-1292, Keep Jobs in Colorado Act

The Vendor, whose name and signature appear below, certifies and agrees as follows:

1. The Vendor shall comply with the provisions of House Bill 13-1291 and CRS 8-17-101 et seq.
2. The Vendor represents, warrants, and agrees that it (i) Colorado labor will be employed to perform at least 80% of the work on a public works project, or (ii) otherwise, shall comply with the notification requirements and/or waiver request of CRS 8-17-101 et seq.
3. The Vendor shall comply with all reasonable requests made in the course of an investigation by the Colorado Department of Labor and Employment. If the Vendor fails to comply with any requirement of this Act or CRS 8-17-101 et seq., the City may terminate the above referenced purchase order for breach and the Vendor shall be liable for actual and consequential damages to the City of Wheat Ridge.

CERTIFIED and AGREED to this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

BID NUMBER: \_\_\_\_\_

FIRM: \_\_\_\_\_  
(Print Full Legal Name)

**AUTHORIZED SIGNATURE:** \_\_\_\_\_

Print Name: \_\_\_\_\_

Print Title: \_\_\_\_\_ Date: \_\_\_\_\_

Attestation: (A corporate attestation is required.)

BY: \_\_\_\_\_  
Corporate Secretary or Equivalent

Place corporate seal here, if applicable

***Bidder must complete and SUBMIT this form with bid/proposal or will be considered Non-Responsive and/or Non-Responsible and therefore disqualified from bidding.***

**BID BOND FORM**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

\_\_\_\_\_

(name and address of Contractor)

as Principal, and

\_\_\_\_\_

(name and address of surety)

as Surety, are hereby held and firmly bound unto the City of Wheat Ridge as Owner in the penal sum of

\_\_\_\_\_ for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors, and assigns.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

The condition of the above obligation is such that whereas the Principal has submitted to the City of Wheat Ridge a certain BID, attached hereto and hereby made a part hereof, to enter a contract in writing for the Project titled **ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19**

NOW, THEREFORE,

1. If said Bid shall be rejected or,
2. If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with the said Bid) and shall furnish a Bond for his faithful performance of said Contract, and for the payment for all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said Bid.

Then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its Bond shall be in no way impaired or affected by an extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

\_\_\_\_\_  
(Principal/Contractor)

\_\_\_\_\_  
(Surety)

By: \_\_\_\_\_

**IMPORTANT:** Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

**CITY OF WHEAT RIDGE  
ITB-19-16  
BRIDGE REPAIR PROJECT  
WEST 44TH AVE OVER CLEAR CREEK  
B-01-19  
SAMPLE AGREEMENT**

THIS AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_ 2019 by and between the City of Wheat Ridge, Colorado, hereinafter called "Owner" and \_\_\_\_\_, doing business as an individual, whose business address is \_\_\_\_\_, hereinafter called "Contractor".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned the parties agree as follows:

1. The Contractor agrees to furnish all materials, supplies, tools, equipment, labor and other services necessary to complete the construction of the Project titled, **ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19** in accordance with the Contract Bid Documents.
2. The Contractor agrees to perform all the Work described in the Contract Bid Documents and comply with the terms therein for the Total Contract amount of

\_\_\_\_\_ Dollars

(\$ \_\_\_\_\_) which includes any alternates.

3. The Contractor agrees to commence the Work required by the Contract Documents within **Fourteen (14)** calendar days after the date of the Notice to Proceed and to complete the same within 60 working days after the date of the Notice to Proceed unless the time for completion is extended otherwise by written changes to the Contract Bid Documents.
4. The term "CONTRACT BID DOCUMENTS" means and includes the following:

A	Signature Page	L	Bid Bond
B	Advertisement for Bids	M	Agreement
C	Information for Bidders	N	Payment Bond
D	Contractor Qualification	O	Performance Bond
E	Bid Form	P	Notice to Proceed
F	Bid Schedule	Q	Final Receipt
G	List of Subcontractors	R	Project Special Provisions
H	Non-Discrimination Assurance	S	General Provisions
I	Illegal Alien Certification	T	Addenda
J	Non-Collusion Affidavit	U	Drawings/Exhibits
K	Keep Jobs in Colorado Form		
5. The Owner will pay to the Contractor in the manner and at such times as set forth in the General Conditions, such amounts as required by the Contract Documents.
6. Section 2-3 (a) – (e) of the City's Code of Laws is presented below:
  - (a) *Fiscal year.* Fiscal year for the city shall commence on January 1 and end on December 31.
  - (b) *Budget contains appropriations.* The city council shall annually adopt a budget in a manner consistent with the provisions of Chapter X of the Home Rule Charter of the City of Wheat Ridge. Upon the annual adoption by the city council of each fiscal year's budget, levels of authorized expenditures from the funds indicated within the annual budget itself and/or the adopting resolution shall constitute the appropriation of the amounts specified therein for the purposes specified therein. During the course of each fiscal year, approval by the city council of contracts for goods or services, and/or approval of bids for the provision of specified goods or services, shall likewise constitute appropriations of the amounts specified therein for the purposes specified therein.
  - (c) *No contract to exceed appropriation.* During each and any fiscal year, no contract entered into by or on behalf of the city shall expend or contract to expend any money, or incur any liability, nor shall any contract be entered into nor any bid be awarded by or on behalf of the city which, by its

terms, involves the expenditure of money for any of the purposes for which provision is made either in the adopted budget or adopting resolution, including any legally authorized amendments thereto, in excess of the amount appropriated in the budget or the approved contract or bid award. Any contract or bid award, either verbal or written, made in violation of the provisions of this section shall be void as to the city and no city monies from any source whatsoever shall be paid thereon.

- (d) *Amendments and authorized expenditures.* Nothing contained herein shall preclude the city council from adopting a supplemental appropriation in a manner consistent with the provisions of Section 10.12 of the Home Rule Charter of the city. Further, nothing contained in this section shall prevent the making of contracts for governmental services or for capital outlay for a period exceeding one (1) year if such contracts are otherwise allowed by the Home Rule Charter of the city; provided, however, any contract so made shall be executory only for the amounts agreed to be paid for such services to be rendered in succeeding fiscal years.
- (e) *Notice to parties contracting with the city.* All persons contracting with, or selling goods or services to, the city are hereby placed upon notice of the provisions of this section. The provisions of this section shall become a part of the Merit System Personnel Rules and Regulations of the City of Wheat Ridge; shall be referred to specifically in all public works bid documents and contracts; and shall be incorporated into, and specially noted within, all other contracts entered into by or on behalf of the city wherein city funds are used to pay for said contract.

7. Section 2-4 of the City Code of Laws is presented below:

- (a) The city may, by contract, require the contractor awarded a public works contract to waive, release or extinguish its rights to recover costs or damages, or obtain an equitable adjustment, for delays in performing such contract if such delay is caused, in whole or in part, by acts or omissions of the city or its agents, if the contract provides that an extension of time for completion of the work is the contractor's remedy for such delay. Such a clause is valid and enforceable, any provision of state law to the contrary notwithstanding.
- (b) The city council, by this ordinance (Ordinance No. 812), declares its local contracting powers to be a matter of purely local concern, and further specifically intends to supersede, pursuant to its powers under Article XX of the Colorado Constitution, the provisions of Sections 24-91-101 and 24-91-103.5, C.R.S., insofar as they conflict with the provisions of this section of the Code of Laws of the City of Wheat Ridge, Colorado.

8. Any notice or communication given pursuant to this Agreement to the City shall be made in writing:

<b>City Contact:</b>	<b>Contractor Contact:</b>
Name:	Name:
Address:	Address:
E-mail:	Fax:
Phone:	Phone:
Fax:	Fax:

- 9. The Contractor agrees to abide by the requirements under EXECUTIVE ORDER NO. 11246 as amended, including specifically the provisions governed by the Equal Opportunity Commission and also to abide by the requirements of the IMMIGRATION REFORM AND CONTRACT ACT OF 1986 and the requirements of the AMERICANS WITH DISABILITIES Act of 1991; and the United States Department of Transportation Title VI Regulations at 49 CFR Part 21 requirements under the Civil Rights Act of 1964, assuring that no person shall on the grounds of race, color, or national origin be excluded from participation in the opportunity to bid, or be discriminated against in consideration of award of this project.
- 10. In accordance with CRS Title 24, Article 91, Section 103.6, Paragraph 2, Subparagraph a, the City of Wheat Ridge hereby states that funds have been appropriated for this Project in an amount equal to or in excess of the Original Contract Amount.
- 11. Illegal Aliens – Public Contracts for Services. CRS 8-17.5-101 and Public Law 208, 104<sup>th</sup> Congress, as amended and expanded in Public Law 156, 108<sup>th</sup> Congress, as amended:

The Contactor certifies that he/she shall comply with the provisions of CRS 8-17.5-101 et seq. The Contractor shall not knowingly employ or contract with an illegal alien to perform work under this contract or enter into a contract with a subcontractor that knowingly employs or contracts with an illegal alien. The Contractor represents, warrants, and agrees that it (i) has verified that it does not employ any illegal aliens, through participation in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security, or (ii) otherwise will comply with the requirements of CRS 8-17.5-101 (2)(b)(I). The Contractor shall comply with all reasonable requests made in the course of an investigation by the CO Department of Labor and Employment. If the Contractor fails to comply with any requirement of this provision or CRS 8-17.5-101 et seq., the City may terminate this contract for breach and the Contractor shall be liable for actual and consequential damages to the City.

12. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in two (2) copies, each of which shall be deemed an original on the date first above written.

**ATTEST:**

\_\_\_\_\_  
**JANELLE SHAVER, CITY CLERK**

\_\_\_\_\_  
 DATE

(Seal)

**APPROVED AS TO FORM:**

\_\_\_\_\_  
 GERALD DAHL, CITY ATTORNEY

**ATTEST TO CONTRACTOR:**

\_\_\_\_\_  
 NAME

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 DATE

**OWNER**

**CITY OF WHEAT RIDGE  
 7500 WEST 29TH AVENUE  
 WHEAT RIDGE, CO 80033  
 303-234-5900**

\_\_\_\_\_  
 BUD STARKER, MAYOR

**CONTRACTOR**

\_\_\_\_\_  
 COMPANY NAME

\_\_\_\_\_  
 ADDRESS

\_\_\_\_\_  
 AUTHORIZED SIGNATURE

\_\_\_\_\_  
 PRINT NAME

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 DATE



**PAYMENT BOND**

KNOW ALL MEN BY THESE PRESENTS: that

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Address of Contractor)

A \_\_\_\_\_ hereinafter called "PRINCIPAL", and

\_\_\_\_\_  
(Name of Surety)

\_\_\_\_\_  
(Address of Surety)

hereinafter called "Surety", are held and firmly bound unto the City of Wheat Ridge, 7500 West 29th Avenue, Wheat Ridge, Colorado 80033, hereinafter called "Owner", in the penal sum of

\_\_\_\_\_ dollars

(\$ \_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the Owner, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2019, a copy of which is hereto attached and made a part hereof for the Project titled, **ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19.**

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, Subcontractors and corporations furnishing materials for or performing labor in the prosecution of the Work provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such Work, and all insurance premiums on said WORK, and for all labor performed in such work whether by Subcontractor or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received 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 or the Specifications accompanying the same shall in any wise affect its obligation 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.

\*Insert "a corporation", "a partnership", or "an individual" as applicable.

IN WITNESS WHEREOF, this instrument is executed in one part, each of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_, 2019

ATTEST:

**PRINCIPAL**

\_\_\_\_\_  
CORPORATE SECRETARY

\_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
BY

\_\_\_\_\_

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_

(SEAL)

**ATTEST:**

**SURETY**

\_\_\_\_\_

\_\_\_\_\_  
SURETY

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
BY (ATTORNEY IN FACT)

\_\_\_\_\_

\_\_\_\_\_  
ADDRESS

(SEAL)

\_\_\_\_\_

**Note:** Date of Bond must not be prior to date of Contract. If Contractor is partnership, all partners should execute bond.

**IMPORTANT:** Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the State of Colorado.

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS: that

\_\_\_\_\_

(Name of Contractor)

\_\_\_\_\_

(Address of Contractor)

A \_\_\_\_\_ hereinafter called "PRINCIPAL", and

\_\_\_\_\_

(Name of Surety)

\_\_\_\_\_

(Address of Surety)

hereinafter called "Surety", are held and firmly bound unto the City of Wheat Ridge, 7500 West 29th Avenue, Wheat Ridge, Colorado 80033, hereinafter called "Owner", in the penal sum of

\_\_\_\_\_ dollars

(\$ \_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the Owner, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2019, a copy of which is hereto attached and made a part hereof for the Project titled, **ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19.**

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term thereof, and any extensions thereof which may be granted by the Owner, with or without notice to the Surety and during the one year guarantee period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the Owner from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the Owner may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received 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 or the Specifications accompanying the same shall in any wise affect its obligation 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.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

\*Insert "a corporation", "a partnership", or "an individual" as applicable.

IN WITNESS WHEREOF, this instrument is executed in one part, each of which shall be deemed an original, this the

\_\_\_\_\_ day of \_\_\_\_\_, 2019

ATTEST:

**PRINCIPAL**

\_\_\_\_\_  
CORPORATE SECRETARY

\_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
BY

\_\_\_\_\_  
ADDRESS

(SEAL)

**ATTEST:**

**SURETY**

\_\_\_\_\_  
SURETY

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
BY (ATTORNEY IN FACT)

\_\_\_\_\_  
ADDRESS

(SEAL)

**Note:** Date of Bond must not be prior to date of Contract. If Contractor is partnership, all partners should execute bond.

**IMPORTANT:** Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the State of Colorado.

**NOTICE TO PROCEED**

TO: \_\_\_\_\_  
FROM: **CITY OF WHEAT RIDGE, CO**  
RE: **ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19**

You are hereby notified to commence Work in accordance with the Agreement dated \_\_\_\_\_, 2019, on or before \_\_\_\_\_, 2019, and you are to complete the work within 60 working days. The date of completion of all work is \_\_\_\_\_, 2019.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

By: \_\_\_\_\_  
Title: **Engineering Manager**

\*\*\*\*\*

**RECEIPT OF NOTICE**

Receipt of the above Notice to Proceed is hereby acknowledged by

\_\_\_\_\_ on this \_\_\_\_\_ of \_\_\_\_\_, 2019.

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

**FINAL RECEIPT**

DATE: \_\_\_\_\_

TO: \_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Address)

**FROM: CITY OF WHEAT RIDGE, CO**

**RE: ITB-19-16, BRIDGE REPAIR PROJECT WEST 44TH AVE OVER CLEAR CREEK, B-01-19**

Received this date, of the Owner, as full and final payment of the cost of the improvements provided for in the Project Contract Documents, the amount of \$ \_\_\_\_\_ in cash, being the remainder of the full amount accruing to the undersigned by virtue of said contract.

Said cash also covers and includes full payment for the cost of all extra work and material furnished by the undersigned in the construction of said improvements, and all incidentals thereto.

The undersigned hereby releases said Owner from all claims whatsoever which may develop from said contract.

These presents are to certify that all persons doing work upon or furnishing materials for said improvements under the foregoing contract have been paid in full.

Printed Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

## CDOT STANDARD SPECIFICATIONS

All work required for the project shall be in accordance with the latest edition of the COLORADO DEPARTMENT OF TRANSPORTATION (CDOT), Standard Specifications for Road and Bridge Construction, 2017 Edition, unless modified by these Specifications.

### CDOT STANDARD SPECIAL PROVISIONS

The CDOT Standard Specifications are modified with the following CDOT Standard Special Provisions July 3, 2017

#### REVISION OF SECTION 103 COLORADO RESIDENT BID PREFERENCE

Section 103 of the Standard Specifications is hereby revised for this project as follows:

Subsection 103.01 shall include the following:

- (a) *Colorado Resident Bid Preference.* A resident bidder shall be allowed a preference against a nonresident bidder from a state or foreign country equal to the preference given or required by the state or foreign country in which the nonresident bidder is a resident.

Resident bidder means:

- (1) A person, partnership, corporation, or joint venture which is authorized to transact business in Colorado and which maintains its principal place of business in Colorado: or,
- (2) A person, partnership, corporation, or joint venture which is authorized to transact business in Colorado, which maintains a place of business in Colorado, and which has paid Colorado unemployment compensation taxes in at least seventy-five percent of the eight quarters immediately prior to bidding on a construction contract for a public project.

To determine the resident bid preference status of a bidder, the bidder shall submit a completed Form 604 with the proposal. Failure to submit the residency Form with the proposal will be justification for and may result in the rejection of the proposal and forfeiture of the proposal guaranty.

The proposals will be treated as follows:

- (1) All proposals will be checked for accuracy by the Department.
- (2) The dollar amount of the checked proposal from nonresident bidders will be adjusted by a percentage equal to the percentage preference given or required by the state or foreign country of the bidder's residency. If the state or foreign country does not give or require a residency preference, no adjustment in the proposal dollar amount will be made.
- (3) Adjusted proposals from nonresident bidders will then be compared to proposals from resident bidders, and the bidder with the lowest total will be considered the apparent low bidder.
- (4) Should a nonresident bidder be the apparent low bidder, in accordance with paragraph (3) above, an award will be made on the basis of the original proposal, not the adjusted proposal.
- (5) The Department will proceed with its normal award procedure.

July 3, 2017

#### REVISION OF SECTION 105 CONFORMITY TO THE CONTRACT OF PORTLAND CEMENT CONCRETE PAVEMENT

Section 105 of the Standard Specifications is hereby revised for this project as follows:

In subsection 105.06(a) delete the third paragraph and replace it with the following:

When compressive strength criteria is indicated, then the QL will be calculated for the elements of compressive strength and pavement thickness on a process basis. When flexural strength criteria is indicated, then the QL will be calculated for the elements of flexural strength and pavement thickness on a process basis. A process will consist of the test results from a series of random samples. Test results determined to have sampling or testing errors will not be used. All materials produced will be assigned to a process. Changes in mix design, design pavement thickness, or a

break of more than 120 working days between placements will create a new process. The following is provided to clarify changes in processes for each element:

1. Construction of mainline pavement, including the shoulders if placed with the mainline, is a single process for the compressive or flexural strength element, when the mix design does not change and there is not a break of more than 120 days between placements.
2. Construction of mainline pavement, including the shoulders if placed with the mainline, is a single process for the thickness element, when the planned thickness does not change and there is not a break of more than 120 days between placements.
3. Construction of ramps, acceleration and deceleration lanes and shoulders placed separately are considered separate processes.
4. Changes in paving equipment, changes in placement method, changes in hauling equipment, adjustments to mix designs that do not require a new mix design, changes in weather conditions, and changes in production rate shall not create a new process in the strength or thickness elements.

The Contractor and Engineer will determine element processes and what distinguishes them as processes during the pre-pave meetings prior to any concrete placement.

October 12, 2017

### **REVISION OF SECTION 107 LAWS TO BE OBSERVED**

Section 107 of the Standard Specifications is hereby revised for this project as follows:

Subsection 107.01 shall include the following after the first paragraph:

Failure to comply with all contractual obligations may lead to the suspension, debarment or both of the Contractor as stipulated in the "Rules".

July 3, 2017

### **REVISION OF SECTION 208 EROSION CONTROL**

Section 208 of the Standard Specifications is hereby revised for this project as follows:

In subsection 208.03(c) delete the first paragraph and replace it with the following

*Erosion Control Management (ECM).* Erosion Control Management for this project shall consist of Erosion Control Inspection and the SWMP Administration. All ECM staff shall have working knowledge and experience in construction, and shall have successfully completed the Transportation Erosion Control Supervisory Certificate Training (TECS) as provided by the Department. The Superintendent will not be permitted to serve in an ECM role. The Erosion Control Inspector (ECI) and the SWMP Administrator may be the same person in projects involving less than 40 acres of disturbed area.

In subsection 208.03(c)1 delete the first paragraph and replace it with the following:

SWMP Administration. The SWMP shall be maintained by a SWMP Administrator. In the case of a project requiring only one TECS, the SWMP Administrator may also be the ECI for the project. The name of the SWMP Administrator shall be recorded on the SWMP Section 3. B. The SWMP Administrator shall have full responsibility to maintain and update the SWMP and identify to the Superintendent critical action items needed to conform to the CDPS-SCP as follows:

In subsection 208.03(c)2 delete the first paragraph and replace it with the following:

One ECI is required for every 40 acres of total disturbed area which is currently receiving temporary and interim stabilization measures as defined in subsection 208.04 (e). An ECI shall not be responsible for more than 40 acres in the project. Accepted permanent stabilization methods as defined in subsection 208.04 (e) will not be included in the 40 acres.



In subsection 208.03(d)1 delete item (1) and replace it with the following:

- (1) SWMP Site Maps and Plan Title Sheet – Construction site boundaries, ground surface disturbance, limits of cut and fill, flow arrows, structural BMPs, non-structural BMPs, Springs, Streams, Wetlands and surface water. Also included on the sheets is the protection of trees, shrubs and cultural resources.

In subsection 208.05(n), in the list of requirements for pre-fabricated concrete washout structures, delete item (2) and replace it with the following:

- (2) Structure shall be located 50 horizontal feet away from State waters, and shall be confined so that no potential pollutants will enter State waters and other sensitive areas are as defined in the Contract. Locations shall be as approved by the Engineer. The site shall signed as “Concrete Washout”.

In subsection 208.11 delete the first paragraph and replace it with the following:

Erosion Control Management will be measured as the actual number of days of ECM work performed, regardless of the number of personnel required for SWMP Administration and Erosion Control Inspection, including erosion control inspections, documentation, meeting participation, SWMP Administration, and the preparation of the SWMP notebook. If the combined hours of SWMP Administration and Erosion Control Inspection is four hours or less in a day, the work will be measured as ½ day. If the combined hours of SWMP Administration and Erosion Control Inspection is more than four hours in a day, the work will be measured as one day. Total combined hours of ECM work exceeding eight hours in a day will still be paid as one day.

### **CITY SPECIAL PROVISIONS**

The CDOT Standard Specifications, Standard Special Provisions, Project Special Provisions are modified with the following City Special Provisions.

Revised 09/2017

### **REVISION OF SECTION 101 DEFINITIONS AND TERMS**

Section 101 of the CDOT Standard Specifications is hereby revised for this project as follows:

Delete subsection 101.10 and replace with the following:

**101.10 Director of Public Works.** The Director of Public Works for the City, or his duly authorized representative, who is responsible for public works activities within the City. The Director of Public Works is responsible for final decisions relating to Contractor claims for contract modification orders, additional compensation, or extensions of contract time. All references to “CDOT Resident Engineer” shall be replaced by “Director of Public Works”.

In subsection 101.17 delete the first paragraph and replace with the following:

The written agreement between the City and the Contractor setting forth the obligations of the parties for the performance of the work and the basis of payment.

Delete subsection 101.23 and replace with the following:

**101.23 Contractor.** The individual, firm, or corporation contracting with the City for performance of prescribed work.

Delete subsection 101.28 and replace with the following:

**101.28 Department.** Department of Public Works. A department with the City.

Delete subsection 101.29 and replace with the following:

**101.29 Engineer.** The Engineering Manager of the Department acting directly or through an authorized representative, who is responsible for engineering and administrative supervision of the project. For the purpose of these specifications, the Engineer is responsible for initial decisions relating to Contractor claims for additional compensation or additional time. The Engineer or Director are the City representative who may approve modifications to Contract documents or drawings.

Delete subsection 101.36 and replace with the following:

**101.36 Holidays.** Holidays recognized by the City are:

- New Year's Day
- Martin Luther King, Jr. Day
- Presidents' Day
- Memorial Day
- Independence Day
- Labor Day
- Veterans' Day
- Thanksgiving Day
- Day after Thanksgiving Day
- Christmas Day

When New Year's Day, Independence Day, or Christmas Day falls on Sunday, the following Monday shall be considered a holiday. When one of these days falls on Saturday, the previous Friday shall be considered a holiday.

Additional legal holidays, when designated by the Governor or the President of the United States, may also be recognized by the City.

Delete subsection 101.48 and replace with the following:

**101.48 Preconstruction Conference.** A meeting of City project personnel, Contractor project personnel, and other stake holders held prior to the beginning of construction at which topics pertinent to the successful prosecution of the work are discussed.

Delete subsection 101.51 and replace with the following:

**101.51 Project Engineer.** The Engineer's duly authorized representative who may be a City employee or an employee of a consulting engineer (consultant) under contract to the City as defined below:

- (a) *City Project Engineer.* The City employee who is the Engineer's duly authorized representative. The City Project Engineer is in direct charge of the work and is responsible for the administration and satisfactory completion of the project under contract.
- (b) *Consultant Project Engineer.* The consultant employee under the responsible charge of the consultant's Professional Engineer who is in direct charge of the work and is responsible for the administration and satisfactory completion of the project. The Consultant Project Engineer's duties are delegated by the Engineer in accordance with the scope of work in the consultant's contract with the City. The Consultant Project Engineer is not authorized to sign or approve Contract Modification Orders.

Delete subsection 101.58 and replace with the following:

**101.58 Region Transportation Director.** All references to "Region Transportation Director" shall be replaced by "Director of Public Works".

Delete subsection 101.59 and replace with the following:

**101.59 Right of Way.** A general term denoting land, property, or interest therein, usually in a strip, acquired for or devoted to a highway, street, alley, or other access.

In subsection 101.72, delete the 2<sup>nd</sup> sentence and replace with the following:

Special provisions fall within one of the three following categories and take precedence as specified in subsection 105.09:

In subsection 101.72, add the following paragraph:

- (c) **City Special Provisions.** Additions and revisions to the Standard and Supplemental Specifications specific to the City project.

In subsection 101.95, replace all references to CDOT with the City.

Add subsections 101.96 – 101.104 as follows:

**101.96 Approved Equal.** A product, component or process whose use in or on a particular project is specified as a standard for comparison purposes only. The "equal" product, component or process shall be the same or better than that named in function, performance, reliability, quality, and general configuration. Determination of equality in reference to the project design requirements will be made by the Engineer. It is the responsibility of the supplier to provide all necessary information for determining equality.

**101.97 Bid Bond.** The security required to be submitted with each proposal as described in Section 101.52 as a Proposal Guaranty.

**101.98 City Special Provisions.** See definition for City Special Provisions, subsection 101.72..

**101.99 Easement.** The right to use a defined area of property for a specific purpose or purposes as set forth in a document which has been made a part of the Contract Documents.

**101.100 Lump Sum.** A method of payment providing for one all-inclusive cost for the work or for a particular portion of the work; including any incidental costs necessary to perform that item of work.

**101.101 Notification of Award.** A written notification of acceptance of the bid from the City to the successful bidder.

**101.102 Payment Bond.** Same as Contract Payment Bond, subsection 101.20.

**101.103 Performance Bond.** Same as Contract Performance Bond, subsection 101.21

**101.104 Utility.** Tracks, overhead or underground wires, pipelines, conduits, pipes, ducts or structures, owned, operated or maintained in or across a public right-of-way or easement.

## **REVISION OF SECTION 102 BIDDING REQUIREMENTS AND CONDITIONS**

Subsection 102 of the CDOT Standard Specifications is hereby revised for this project as follows:

Delete subsection 102.01 and replace with the following:

**102.01 Prequalification of Bidders.** The City does not prequalify bidders. Each Contractor is required to complete the Contractors Qualification Form included in the Bid Package.

In subsection 102.02, delete the first sentence and replace with the following:

The City will publish bidding opportunities to prospective bidders on the City's website at [www.ci.wheatridge.co.us](http://www.ci.wheatridge.co.us) and on RMEPS/BidNet website at [www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com).

In subsection 102.02, delete the second paragraph.

Delete subsection 102.04 and replace with the following:

**102.04 Interpretation of Plans and Specifications.** If it should appear to a Bidder that the work to be done or matters relative thereto are not sufficiently described or explained in the Contract Documents or that the Contract Documents are not definite and clear, the Bidder may make written inquiry regarding same to the City Purchasing Agent before the Deadline for Questions specified in the advertisement for bids.

Then, if in the judgment of the City, additional information or interpretation is necessary, such information will be supplied in the form of an addendum. Each addendum will be delivered where possible by posting to the City website, RMEPS, or electronic mail (email) to all individuals, firms and corporations who have acknowledged receipt of Bid Document Sets. Such addendum shall have the same binding effect as though contained in the main body of the Contract Documents. Oral instructions or information concerning the contract documents or the project given out by officers, employees, or agents of the City to prospective bidders shall not bind the City. If no request is made before the Deadline for Questions, Bidder waives right to any conflict in the Contract Documents.

Delete subsection 102.06 and replace with the following:

**102.06 Preparation of Proposal.** The bidder shall submit his proposal upon the forms supplied by the City. The bidder shall specify a unit price in words or figures, or both if required, for each pay item for which a quantity is given and shall also show the products to the respective unit prices and quantities written in figures in the column provided for that purpose and the total amount of the proposal obtained by adding the amounts of the separate items. All the words and figures shall be in ink or type. In case of a mathematical error, the unit price shall govern.

When an item in the proposal contains a choice to be made by the bidder, the bidder shall indicate his choice in accordance with the specifications for that particular item, and thereafter no further choice will be permitted.

The bidder's proposal must be signed in ink by the individual, by one or more members of the partnership, by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the City.

If the proposal is made by an individual, his name and address must be shown, by a partnership, the name and address of each partner must be shown, by a corporation, the name of the corporation and the business address of its corporate office must be shown.

In subsection 102.07 delete paragraphs (7) and (9)

In subsection 102.09, delete the last two sentences and replace with the following:

**The Bidder's Proposal will be rejected if it does not contain the completed Non-collusion Affidavit.**

Add subsections 102.11 – 102.14 as follows:

**102.11 Disqualification of Bidders.** Any of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of his proposal or proposals:

- (1) More than one proposal for the same work from an individual, firm, or corporation under the same or different name.
- (2) Evidence of collusion among Bidders. Participants in such collusion will not receive recognition as Bidders for any future work of the City until any such participant shall have been reinstated as a qualified Bidder.
- (3) If, during a Contract with the City, a Contractor or Subcontractor incurs liquidated damages as described in subsection 108.09, he shall be disqualified for a period of one (1) year from the date of final acceptance of that Contract.
- (4) Missing required documentation, certifications, license, or experience as required elsewhere in the project solicitation documents.

**102.12 Bid Prices.** Bidders must include, in their bid prices, the entire cost of each item of the work set forth in the proposal, and it is understood and agreed that there is included, in each lump sum or unit price bid, the entire cost of materials and labor incidental or necessary to the completion of that portion of the work covered, unless such work is expressly included in other lump sum or unit price bids in the proposal. Since the bid information cannot be guaranteed, the Contractor shall have assumed the risks attendant to successful performance of the work at the amount of the bid.

**102.13 City Contract Laws.** Section 2-3 (a) – (e) of the City's Code of Laws is presented below:

- (a) *Fiscal year.* Fiscal year for the city shall commence on January 1 and end on December 31.
- (b) *Budget contains appropriations.* The city council shall annually adopt a budget in a manner consistent with the provisions of Chapter X of the Home Rule Charter of the City of Wheat Ridge. Upon the annual adoption by the city council of each fiscal year's budget, levels of authorized expenditures from the funds indicated within the annual budget itself and/or the adopting resolution shall constitute the appropriation of the amounts specified therein for the purposes specified therein. During the course of each fiscal year, approval by the city council of contracts for goods or services, and/or approval of bids for the provision of specified goods or services, shall likewise constitute appropriations of the amounts specified therein for the purposes specified therein.
- (c) *No contract to exceed appropriation.* During each and any fiscal year, no contract entered into by or on behalf of the city shall expend or contract to expend any money, or incur any liability, nor shall any contract be entered into nor any bid be awarded by or on behalf of the city which, by its terms, involves the expenditure of money for any of the purposes for which provision is made either in the adopted budget or adopting resolution, including any legally authorized amendments thereto, in excess of the amount appropriated in the budget or the approved contract or bid award. Any contract or bid award, either verbal or written, made in violation of the provisions of this section shall be void as to the city and no city monies from any source whatsoever shall be paid thereon.
- (d) *Amendments and authorized expenditures.* Nothing contained herein shall preclude the city council from adopting a supplemental appropriation in a manner consistent with the provisions of Section 10.12 of the Home Rule Charter of the city. Further, nothing contained in this section shall prevent the making of contracts for governmental services or for capital outlay for a period exceeding one (1) year if such contracts are otherwise allowed by the Home Rule Charter of the city; provided, however, any contract so made shall be executory only for the amounts agreed to be paid for such services to be rendered in succeeding fiscal years.
- (e) *Notice to parties contracting with the city.* All persons contracting with, or selling goods or services to, the city are hereby placed upon notice of the provisions of this section. The provisions of this section shall become a part of the Merit System Personnel Rules and Regulations of the City of Wheat Ridge; shall be referred to specifically in all public works bid documents and contracts; and shall be incorporated into, and specially noted within, all other contracts entered into by or on behalf of the city wherein city funds are used to pay for said contract.

Section 2-4 of the City Code of Laws is presented below:

- (a) The city may, by contract, require the contractor awarded a public works contract to waive, release or extinguish its rights to recover costs or damages, or obtain an equitable adjustment, for delays in performing such contract if such delay is caused, in whole or in part, by acts or omissions of the city or its agents, if the contract provides that an extension of time for completion of the work is the contractor's remedy for such delay. Such a clause is valid and enforceable, any provision of state law to the contrary notwithstanding.
- (b) The city council, by this ordinance (Ordinance No. 812), declares its local contracting powers to be a matter of purely local concern, and further specifically intends to supersede, pursuant to its powers under Article XX of the Colorado Constitution, the provisions of Sections 24-91-101 and 24-91-103.5, C.R.S., insofar as they conflict with the provisions of this section of the Code of Laws of the City of Wheat Ridge, Colorado.

### **REVISION OF SECTION 103 AWARD AND EXECUTION OF CONTRACT**

Section 103 of the CDOT Standard Specifications is hereby revised for this project as follows:

Delete subsection 103.01 and replace with the following:

**103.01 Consideration of Proposals.** After the proposals are opened and read, they will be compared on the basis of the summation of the products of the approximate quantities shown in the bid schedule by the unit prices.

The City reserves the right to settle bid discrepancies that occur in the low Bidder's proposal at the time the Contract is awarded. Bid discrepancies will be settled with the understanding that the low Bidder waives any claims against the City because of Bidder's mistakes in the Bid Proposal.

In subsection 103.02 change the time of award from 30 calendar days to 60 calendar days.

Subsection 103.04 shall include the following:

Failure to execute the Contract and file acceptable bonds within 15 days after the date of award shall be just cause for the cancellation of the award and the forfeiture of the proposal guaranty which shall become the property of the City.

The City may elect to waive forfeiture of the proposal guaranty only if it is determined that the bidder has made a good faith remedial error and that no damages were sustained by the City as a result of the failure by the successful bidder to execute the Contract and file acceptable bonds within the time prescribed. Award may then be made to the next lowest responsible bidder, or the work may be re-advertised and constructed under Contract or otherwise as the City may decide.

Add subsections 103.05 – 103.06 as follows:

**103.05 Cancellation of Award.** The City reserves the right to cancel the award of any Contract at any time before the execution of said Contract by all parties without liability against the City.

**103.06 Return of Proposal Guaranty.** All proposal guaranties consisting of bid bonds will be retained by the City. All proposal guaranties in the form of certified checks or cashier checks will be treated as follows:

For the three lowest Bidders, the proposal guarantee will be held until the Contract is awarded to the successful bidder. Proposal guaranty will then be returned to the other Bidders. The proposal guaranty of the successful Bidder will be returned upon receipt of executed Contract and approved payment and performance bonds.

### **REVISION OF SECTION 104 SCOPE OF WORK**

Section 104 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 104.04 shall include the following:

The Contractor shall be responsible for maintaining access to all residences and businesses along the Project areas during construction. Lane widths during construction shall not be less than 10 ft and a minimum clearance of two feet shall be maintained between traffic and the construction work zone.

The Contractor will not be permitted to have construction equipment or materials in the lane(s) open to traffic at any time unless permitted by the Engineer.

The Contractor is cautioned that all personal vehicle and construction equipment parking will be prohibited where it conflicts with safety, access, or the flow of traffic.



**REVISION OF SECTION 105  
CONTROL OF WORK**

Section 105 of the CDOT Standard Specifications is hereby revised for this project as follows:

In subsections 105.02 (b) 4 and 5. add the following:

Electronic submittals of the drawings are acceptable in lieu of the paper copies. The format of the electronic submittals must be printable in the format outlined in 1 – 3 above.

Subsection 105.02 (f) shall include the following:

1. All Contractors who construct public storm drainage systems, bike paths, sidewalks, streets, or other items within Public property to be maintained by the City must submit an "As Constructed" set of construction drawings for approval as a part of the City's acceptance process. The initial submittal shall be one set of "red-lined" marked up prints, which should be delivered to the Inspector. Written City acceptance of the final As Constructed plan is a condition for final acceptance and release of retainage.

As Constructed plans for construction of irrigation systems within public property to be maintained by the City shall be submitted per subsection 623.25.

2. All As Constructed information shall be red-lined and shown on the original construction drawings. The As Constructed drawings shall clearly show any changes or variations from the approved design. Horizontal variations greater than 1.0 foot should be shown dimensionally or through plus stations. Horizontal variations greater than 10.0 feet should also show the graphic relocation of the object. For construction of public storm drainage systems, vertical elevation variations greater than 0.1 feet shall be provided for all shown design elevations. For construction of all remaining project features, vertical elevation variations greater than 0.25 feet shall be provided for all shown design elevations.

3. The As Constructed Certificate (shown below) shall be signed and sealed by a Colorado professional engineer or professional land surveyor and shall appear on the cover sheet of the As Constructed plan set. All sheets included in the Contract Drawings set must be submitted in the final As Constructed plan set.

AS CONSTRUCTED CERTIFICATE

I hereby certify that the information shown on this as constructed drawing is an accurate and complete representation of data established from field information obtained under the direction of a Professional Engineer or Professional Land Surveyor, and that the physical dimensions or elevations shown are as-built information and the facility was constructed according to the approved plans, except as otherwise noted hereon.

_____	_____
Name	License #
_____	_____
Title	Date

In subsection 105.03 change the first sentence of the seventh paragraph as follows:

Materials may be sampled and tested by the Department in accordance with the City's Permit Testing and Inspection Requirements and CDOT's Field Materials Manual.

Delete subsection 105.09 (a) and replace with the following:

- (a) Special Provisions
  1. City General Provisions
  2. City Special Provisions
  3. Project Special Provisions
  4. Standard Special Provisions

Subsection 105.09 shall include the following:

Any discrepancy or error discovered in the Drawings, Specifications, or during field construction shall be immediately called to the attention of the Engineer through submission of a "Request for Information" (RFI) document. Only the Engineer may authorize a modification to the contract documents via written response to an RFI. Neither the Inspector nor Project Engineer may authorize alterations, in-field changes, or modifications to the project, whether orally or written, unless said change is so minor in nature that grades, horizontal geometry, detail, or the original purpose and intent of the drawings are not altered. Concurrence by the Inspector, Project Engineer, or any other City

representative in the field or on the daily inspection report does not constitute approval of any element of the project. The Contractor is solely responsible for constructing the project according to the contract documents.

Subsection 105.10 shall include the following:

Not furnishing a competent superintendence will be grounds for suspension of the Project until such superintendence is furnished by the Contractor. Contract time will continue in the event of a work suspension caused by lack of furnishing a project superintendence satisfactory to the City.

Subsection 105.11 shall include the following:

The locations of all utilities shown on the project plans should be considered approximate. It is therefore the responsibility of the Contractor to notify the appropriate utility and/or utility locating service to obtain more precise locations. No compensation will be made to the Contractor for any damage, delay or additional cost incurred as a result of failure to obtain utility locations.

Utilities which are adjusted, removed, or reset for the construction convenience of the Contractor and which would not conflict with the line or grade of the proposed project works, shall be done at the Contractor's expense. This shall include, but not be limited to, sanitary sewer service lines, water service lines, telephone, gas and electrical lines.

The Contractor shall coordinate with all affected utility owners for work to be performed on said utility as defined in the Contract documents. Coordination shall include application for permits, licensing, payment of fees, scheduling inspections with each owner, as required. All such costs and/ or time spent for coordination with utility owners shall be paid by the Contractor, and shall not be compensated with a Pay Item or Change Order.

Subsection 105.16 shall include the following:

The Department will provide all inspection during construction. The Inspector will oversee the materials testing.

The Contractor shall keep the Inspector informed of future construction operations to facilitate scheduling of required inspections. The Contractor shall notify the Inspector 24 hours in advance of starting any construction operation that will require inspection. Failure of the Contractor to provide such notice shall relieve the City from any responsibility for extra costs or delays caused by such failure.

Inspection of the work or materials by the City or conversations made between the Contractor and the Inspector shall not relieve the Contractor of the obligation to fulfill the requirements of the Contract. Work and materials not meeting such requirements shall be made good and unsuitable work or materials may be rejected, notwithstanding that such work or materials have been previously inspected by the City or that payment thereof has been included in a progress estimate.

Inspection and acceptance of work pertaining to utilities not owned by the City shall be made by a representative of the owning utility. The Contractor shall obtain required permits and/ or licenses and notify & schedule an inspection by the owning utility prior to commencing any work so that a representative may be made available to approve the work to be performed.

Subsection 105.21 (a) shall include the following:

The one year guarantee period for the portion or unit of the project partially accepted will not begin until completion of the entire project unless otherwise agreed to by the Engineer.

In subsections 105.22 and 105.24 change all references to "CDOT" to the "City" and remove all references to subsection 105.23.

Subsection 105.22 shall include the following:

In accordance with Section 2-4 of the City Code, as provided in subsection 102.13 of the City Special Provisions, the Contractor shall waive, release or extinguish its rights to recover costs or damages, or equitable adjustment, for delays in performing this contract if such delay is caused, in whole or in part, by acts or omissions of the City or its agents unless the Department accepts responsibility. An extension of time for completion of the work shall be the Contractor's remedy for such delay.

The Contractor shall not be entitled to additional monetary compensation for delays caused by the failure of a utility company or special district to relocate its facilities in timely manner. An extension of time for completion of the work shall be the Contractor's remedy for such delay. Relief from failure of utility companies to fulfill their responsibilities is discussed in subsection 105.11 of the Standard Specifications.

In subsection 105.22 (d) delete the last paragraph and replace with the following:

If these meetings do not result in a resolution or the participants mutually agree that they have reached an impasse, the Contractor may file a claim in accordance with subsection 105.24.

Delete subsection 105.23.

In subsection 105.24 change the reference to "City and County of Denver" and replace with "Jefferson County":

In subsection 105.24 (c) delete the reference and address to "CDOT Audit Unit" and replace with "Department":

Add subsections 105.25 and 105.26 as follows:

**105.25 Protection of Survey Markers.** Survey markers shall be protected as follows:

- (a) *Permanent Survey Markers.* Should the Contractor believe that a survey monument, control point, or benchmark will be disturbed by construction activities, the Contractor shall notify the Engineer not less than seven days prior to starting work in order that the Engineer may take necessary measures to insure the preservation of survey monuments, stakes and bench marks. The Contractor shall notify the Engineer and bear the expense of replacing any that may be disturbed without permission. Replacement shall be done by a Registered Land Surveyor at no expense to the City.

When a change is made in the finished elevation of the pavement of any roadway in which a permanent survey monument is located, the monument cover or box shall be adjusted to the new grade.

- (b) *Lot Stakes.* Unless otherwise directed by the Engineer or shown in the plans, the Contractor shall preserve existing survey stakes that mark property lines and corners. Any stakes that become lost or disturbed by his operations shall be replaced at the Contractor's expense by a registered land surveyor. Any lot corners marked on sidewalks that are designated for removal by the Contract Documents or the Engineer are not the responsibility of the Contractor for replacement.

**105.26 Maintenance During Free Time.** Maintenance during free time, shall meet the requirements of Sec. 105.19 and shall be considered incidental to the work.

## **REVISION OF SECTION 106 CONTROL OF MATERIAL**

Section 106 of the CDOT Standard Specifications is hereby revised for this project as follows:

Delete subsection 106.03 and replace with the following:

**106.03 Samples, Test, Cited Specifications.** Materials sampling and testing shall be performed at the expense of the Contractor. The Contractor shall employ an independent materials testing company to sample and test the materials or the finished product in accordance with the City Materials Testing Requirements, and the Frequency Guide Schedule of the CDOT Field Services Manual, per Section 720 of the City Special Provisions. All materials sampling, testing and inspection shall be performed by certified field technicians who work under the supervision of a registered professional engineer in the State of Colorado practicing in this field.

Field technicians shall furnish copies of failed test results to the Engineer within two working days of completion and prior to the next phase of construction. On a weekly basis, the Contractor shall furnish the Engineer with copies of all test results taken that week and a cover letter, signed by the supervising registered professional engineer, which summarizes the results and addresses any failed tests or inconsistencies.

Unless otherwise designated, all specifications, standards or policies referenced in Section 720 shall be the latest edition as revised or updated by approved supplements published and issued prior to the date of the advertisement for bids.

Subsection 106.08 shall include the following:

The Contractor will not receive compensation for storage of topsoil or other materials generated on site that are stored either onsite or offsite for later disposal or inclusion into the Work.

Add subsection 106.14 as follows:

**106.14 Trade Names, Approved Equals, or Substitutes.** In order to establish a basis of quality, certain processes, types of machinery and equipment, or kinds of materials may be specified either by description or process or by designating a manufacturer by name and referring to that brand or product designation, or by specifying a kind of material. It is not the intent of the specifications to exclude other processes, equipment or materials of equal value, utility or merit.

Whenever a process is designated, or a manufacturer's name, brand or item designation is given, or whenever a process or material covered by patent is designated or described, it shall be understood that the words "or approved equal" follow such name, designation, or description, whether in fact they do so or not.



If it is desirable to furnish items of equipment by manufacturers other than those specified, as a substitute after the contract is executed, the Contractor shall secure approval prior to placing a purchase order or furnishing the same.

If the proposal includes a list of equipment, materials, or articles for which the Contractor must name the manufacturer at the time of submission of the bid, no substitutions therefore will be permitted after a proposal has been accepted without the express consent of the Owner.

### **REVISION OF SECTION 107 LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

Section 107 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 107.12 shall include the following:

Property pins, right-of-way markers and other survey corners shall remain undisturbed until a method of preserving or perpetuating such markers is approved by City. Should any such markers be disturbed, destroyed or removed without obtaining said approval, the Contractor shall be assessed for any costs incurred in resurveying, resetting, and registering said markers.

In subsection 107.15 change all references to "CDOT" to the "City".

Subsection 107.15 shall include the following:

Certificates of Insurance shall be attached to the executed Contract Documents and shall become a part of the contract. These certificates shall include a provision that thirty days prior to insurance cancellation, written notice shall be given to the City.

Indemnification of City - Contractor hereby indemnifies and agrees to hold the City harmless for and on account of any act or omission in the completion and execution of the project specified herein, which indemnification shall extend to and include any damage of whatever sort or description, suffered by any person or entity, and shall include compensatory, punitive or special damages; and Contractor agrees to defend City hereunder, at Contractor's sole expense and if he fails to do so, to thereafter indemnify City, in addition to the above indemnification, for all court costs and attorney fees incurred in any defense required to be undertaken by the City.

Add subsection 107.18 as follows:

**107.18 Contractor's Responsibility During Warranty.** The Contractor shall, at his sole expense and cost, remedy any defects in the work, and pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance of work unless a longer period is specified. The City will give notice of defects with reasonable promptness upon their discovery.

In subsection 107.25 delete all references to Region Water Pollution Control Manager (RWPCM) and Landscape Architect.

In subsection 107.25, change all references to "CDOT Maintenance" to "Inspector".

### **REVISION OF SECTION 108 PROSECUTION AND PROGRESS**

Section 108 of the CDOT Standard Specifications is hereby revised for this project as follows:

In subsection 108.01 delete the second sentence and replace with the following:

Prior to beginning any work by subcontractor, the Contractor shall request permission from the Engineer.

In subsection 108.02 delete the last sentence and replace with the following:

The Contractor shall commence work under the Contract within 14 calendar days of the date of the Notice to Proceed.

In subsection 108.03 (b) delete the first sentence and replace with the following:

The Contractor shall use Microsoft Project software to develop and manage a CPM Project Schedule to plan, schedule, and report the progress of the work.

In subsection 108.04 delete the first sentence and replace with the following:

The Contractor shall prepare a payment schedule which shall show the dollar amount of work the Contractor expects to be completed.

Delete subsection 108.04 (a) and replace with the following:

- (a) *Initial Payment Schedule.* At the time of the Preconstruction meeting, the Contractor shall submit to the City a schedule of partial progress payments. This schedule will show the percentage of Work completed and the date and dollar amount of each anticipated progress payment.

Subsection 108.05 shall include the following:

Working hours under this Contract shall be between 7:00 am and 5:00 pm. The Contractor shall not operate equipment before 7:00 am and shall schedule all work operations to be completed before 5:00 pm. Work after 5:00 pm will not be allowed except when required for circumstances beyond the Contractor's control and when approved by the Engineer. Work between 5:00 pm and 6:00 pm on more than two consecutive working days will be charged as one-half working day. Work after 6:00 pm on any day will be charged as one-half working day.

Contractor operations in lanes open to traffic are not allowed between the hours of 6:30 am to 8:30 am and 3:30 pm to 6:30 pm, unless otherwise approved by the Engineer. These restrictions apply to temporary delays including ingress and egress of materials, etc.

Subsection 108.08 shall include the following:

An extension of time for completion of the work shall be the Contractor's sole remedy for delays in performing this contract if such delay is caused, in whole or in part, by acts or omissions of the City or its agents unless the Department accepts responsibility.

An extension of time for completion of the work shall be the Contractor's remedy for delays in performing this contract caused by the failure of a utility company or special district to relocate its facilities in timely manner. Relief from failure of utility companies to fulfill their responsibilities is discussed in subsection 105.11 of the Standard Specifications and the City Special Provisions.

In subsection 108.09, change all references for "calendar days" to "working days"

#### **REVISION OF SECTION 109 MEASUREMENT AND PAYMENT**

In subsection 109.01 change all references to CDOT to the City.

Delete subsection 109.04 (f) and replace with the following:

- (f) The Contractor's representative and the Inspector shall, on a daily basis, agree in writing on the quantities of labor, equipment and materials used for work, extra work, and/ or force account work.

Subsection 109.04 (h) shall include the following:

Time extension for force account work shall be allowed only if a controlling operation or critical path item of the project is interrupted. Time extension requests shall meet the requirements of subsection 108.08. Force account items shall be completed in a workmanlike manner so as not to cause undue delays.

In subsection 109.06 (a) delete the second sentence and replace with the following:

The amount to be retained will be 5 percent of the value of the completed work including change orders and contingency.

Delete subsection 109.06 (b) and replace with the following:

- (b) Securities are not acceptable to the City in lieu of standard amount retained.

Add subsection 109.08 as follows:

**109.08 Final Guarantee.** All work shall be and is guaranteed by the Contractor for a specified period of one year from and after the date of written final acceptance of all work by the City, unless a longer period is specified. All other current applicable State statutes shall apply.

If within the guarantee period, non-emergency repairs, changes, or replacements are required in connection with guaranteed work which, as determined by the City, is rendered necessary as the result of the use of materials, equipment or workmanship which are inferior, defective or not in accordance with the terms of the contract, the Contractor shall, within 14 calendar days from receipt of notice from the City, and without expense to the City:

- (a) place in satisfactory condition, in every particular, all of such guaranteed work, correct all defects therein, or proceed with replacement of defective or unsatisfactory work where deemed necessary by the Engineer; and
- (b) make good all damage to the building site, equipment or contents thereof which, in the opinion of the Engineer, is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the contract; and

(c) make good any work or material disturbed, or the equipment and contents of any building or structure on the site, in fulfilling any such guarantee.

In the case of emergency repairs, changes or replacements, the Contractor shall promptly upon receipt of notice from the city and without expense to the City, perform the necessary actions to remediate the situation.

### **REVISION OF SECTION 201 CLEARING AND GRUBBING**

Section 201 of the CDOT Standard Specifications is hereby revised for this project as follows:

In subsection 201.03 (a) change the Area basis from "acres" to "square yards".

In subsection 201.04 change all references to "acres" to "square yards".

**Revised 09/2017**

### **REVISION OF SECTION 202 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

Section 202 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 202.02 shall include the following:

Areas within existing asphalt pavement that are designated for removal or patching shall be saw cut to the full depth of the asphalt or cut by a method approved by the Engineer which leaves a vertical face on the existing pavement and no deformation of the surface at the cut. Limits of cutting for patching shall be as directed by the Engineer.

All street cuts shall be in straight lines. Irregular shaped cuts with more than four (4) sides or cuts within existing patches shall not be allowed. Street cuts shall have no longitudinal joints within the wheel tracks.

Trees with a specified trunk diameter measured one foot above the ground surface and shrubs that are designated for removal under this section shall be removed in accordance with the requirements of Section 201. Removal of remaining vegetation as required by the project will be paid under Section 201.

Irrigation lines to be abandoned shall be adequately capped at the point of abandonment to prevent leaks or blowouts of the line that is to remain. The irrigation lines that are to be abandoned can remain in place unless removal is necessary to allow other work.

Subsection 202.03 shall include the following:

All inlet castings, manhole rings and covers and other metal items relating to structures to be removed shall remain the property of the City or the owning utility company. This material shall be reused on the project where possible or as directed by the Engineer. Material not reused on the project shall be delivered to the City or owning utility company unless arrangements have been made for it to be picked up by the City or owning utility company.

Subsection 202.07 shall include the following:

Concrete from curbs, gutters, sidewalks and pavements may not be used in fills unless crushed to meet the gradation requirements for Class 4 Aggregate Base Course.

Subsection 202.09 shall include the following:

Planers shall operate moving against traffic in areas being planed in order to ensure that trucks used in hauling removed materials will be able to arrive and depart with the flow of traffic.

Planing shall result in a surface acceptable to the Engineer. Acceptability shall be based upon the following criteria:

1. Free of surface ridges in excess of ¼ inch.
2. Surface area free of excess surface fines.
3. All planed surfaces, especially wheel ruts, show scoring by planer teeth.
4. Specified cut depth attained at edges of roadway appurtenances and curb lips.

Vertical cuts adjacent to traffic lanes from rotomilling over 1" depth shall be delineated at 50 foot intervals immediately after removal operations.

The Contractor shall use caution when planing around manholes, water valve boxes, and other roadway appurtenances. Manholes, water valve boxes, and other similar structures shall either be adjusted to below the bottom of the cut prior to commencing planing operations or cut around using planing equipment. The maximum deviation between the top of the milled pavement and top of the manhole or water valve box shall be no more than ¾ inch in areas open to traffic. This condition may be achieved by placing a temporary wedge of asphalt around the structure. This temporary taper shall be removed prior to placement of new pavement.

Subsection 202.11 shall include the following:

Removal of trees will be measured by the actual number of trees removed with specified diameters measured 4.5 feet above the ground surface. Multiple tree trunks from one root structure with one trunk being the specified diameter will be considered one tree. Trees with a diameter less than 4" or when removal of trees is not included as a separate pay item, removal of trees shall be included in clearing and grubbing.

Removal of existing asphalt pavement for patching, to include asphalt sawing or other approved methods of cutting existing asphalt pavement, will not be measured but shall be incidental to the pay item for HBP (Patching).

Asphalt sawing or other approved cutting methods shall be incidental to the pay items for Removal of Asphalt Mat, or pay items which include removal of asphalt pavement.

Abandon irrigation line will be measured by the actual number of point of connections that require capping.

Subsection 202.12 shall include the following:

<b>Pay Item</b>	<b>Pay Unit</b>
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**Revision 09/2017**

**REVISION OF SECTION 206  
EXCAVATION AND BACKFILL FOR STRUCTURES**

Section 206 of the CDOT Standard Specifications is hereby revised for this project as follows:

Add subsection 206.02 (d) as follows:

(d) Squeegee material, when approved for application by the Engineer, shall meet the following gradation:

<u>Sieve Designation</u>	<u>Percent by Weight Passing</u>
3/8 inch	100
No. 4	60-90
No. 8	0-45
No. 16	0-25
No. 50	0-6
No. 200	0-2

In subsection 206.03 delete the fourteenth paragraph and replace with the following:

Compaction of structure backfill (flow fill) will not be required except as necessary to ensure complete filling of any voids around structures and pipe.

Subsection 206.03 shall include the following:

Squeegee material shall only be used as bedding for reinforced concrete pipe. Compactive effort shall be used on squeegee material to consolidate the material around the pipe haunches.

Backfill and compaction shall be accomplished immediately upon completion of each item. Open trench length shall not exceed one hundred (**100**) feet during construction. During non-construction periods (evenings, weekends and holidays) all trenches shall be backfilled and compacted, excepting an area not exceeding 400 square feet as the daily pipe terminal, and structures not completed or to adequate strength. The Engineer may require backfilling of the pipe terminus if the terminus is located in an intersection or the remaining street width is inadequate to safely convey two-way traffic around the area of the terminus.

Bracing, shoring, sheeting, etc., shall be in accordance with all applicable State and Federal Occupational Safety and Health requirements. Shoring shall be removed as the work and backfilling operations progress unless ordered by the Engineer to be left in place. The Contractor will be paid for shoring so ordered to be left in place on the basis of invoiced material only. Shoring shall be considered as incidental to construction and all costs incurred, except for materials ordered to be left in place will be considered to be included in the unit price bid for the construction of each section of sewer or associated structure.

The decision to brace, shore or sheet the excavation shall be entirely the Contractor's responsibility. However, if the Engineer is of the opinion that at any point the trench walls are not properly supported, he may order the placement of additional supports by and at the expense of the Contractor, and compliance with such order shall not relieve or release the Contractor from his responsibilities for the safety of the work.

Delete subsection 206.06(c) and (d) and replace with the following:

(c) Excavation, bedding, backfill, compaction, disposal of surplus material, haul, water and all other required work for construction of pipe and structures will not be measured and paid for separately but shall be considered incidental to construction of the pipe and/or structure. Pipe and structures will not be considered for payment until all backfill is completed.

Add subsections 206.06 (d) – (f) as follows:

(d) Structure Backfill (Flow-fill) used at the direction of the Engineer will be measured in accordance with the lesser of that quantity calculated as shown in M-206-1 or the actual quantity used. Structure Backfill (Flow-fill) not required by the Contract Documents may be used at the Contractor's discretion but will not be measured and paid for.

(e) Structure Backfill (Class 1, 2 or Flow-fill) will be paid according to the unit prices on the Bid Schedule only when the excavated material is unacceptable for backfill as determined by the Engineer.

(f) Structure Excavation will be paid according to the unit price on the Bid Schedule only when over-excavation is required for removal of unsuitable material and replacement by Structure Backfill (Class 1, 2 or Flow-fill).

Revised 09/2017

### **REVISION OF SECTION 208 EROSION CONTROL**

Section 208 of the CDOT Standard Specifications is hereby revised for this project as follows:

In subsection 208.03 change the following references:

All references to "CDOT" to "City".

All references to "The Region Water Pollution Control Manager" to "City Stormwater Coordinator".

In subsection 208.03(c)1 delete item (14) and replace it with the following:

(14) Indicate BMPs in use or not in use by recording them in the SWMP notebook.

In subsection 208.03(c)2 delete the second paragraph in item (3).

In subsection 208.03(c)2 delete item (6) and replace it with the following:

(6) Document spills, leaks, or overflows that result in the discharge of pollutants in the SWMP notebook. The ECI shall record the time and date, weather conditions, reasons for spill, and how it was remediated.

In subsection 208.03(d)1 delete item (4) and replace it with the following:

(4) Standard details.

In subsection 208.03(d)1 delete item (5) and replace it with the following:

(5) Non-standard details.

In subsection 208.03(d)1 delete item (8) and replace it with the following:

(8) Weekly meeting notes and inspection report.

In subsection 208.03(d)1 delete item (9) and replace it with the following:

(9) Other reports relating to Water Quality.

In subsection 208.03(e) delete the last sentence of the first paragraph and replace it with the following:

At this meeting the following shall be discussed and documented in the SWMP notebook.

Add subsection 208.03 (f) as follows:

(f) Stormwater Management Plan & CDPHE Permit

1. Unless notified in writing to the contrary, the Contractor shall prepare SWMP immediately following City Council Award of the Project. Following Council Award, the City shall provide the Contractor with a Notice of Intent, authorizing the Contractor to begin work on the SWMP while the Project contract documents are being signed. This expedited process is designed to minimize delays to the Project from SWMP preparation and permitting with the Colorado Department of Public Health and Environment (CDPHE).
2. The SWMP is required for all projects regardless of whether or not an "Erosion and Sediment Control Plan" is shown in the plans. If provided, the "Erosion and Sediment Control Plan" may be made part of (and modified by) the SWMP document. The City can provide examples of a City approved SWMP document upon request.
3. When necessary, immediately following written approval of the SWMP, the Contractor shall make application to the CDPHE for a "General Permit Application for Stormwater Discharges Associated with Construction Activity". The Contractor shall prepare all application materials and pay the application fee. No land disturbance work may proceed until a Stormwater permit has been received by the Contractor, and a copy of same has been provided to the City.

Subsection 208.04 (f) shall include the following:

Any sediment or debris which may have accumulated as a result of construction in any waterway, swale, stormwater detention area, inlet structure, curb, pipe or any other system of conveyance of water shall be promptly removed by the Contractor to the satisfaction of the Engineer. This includes routine cleaning and maintenance of any BMP that prevents construction sediment from entering a City stormwater collection system or directly into a waterway.

In subsection 208.05(n) delete the second paragraph and replace it with the following:

Concrete washout structure shall conform to the standard details and shall meet the following requirements:

Add subsection 208.05 (t)

(t) Street Sweeping

The Contractor shall make every effort to ensure that sediment and construction debris does not leave the construction site and be deposited on surrounding streets. Recognizing that complete prevention of migrating soil and rock material may not be possible, the City has provided a reasonable allowance for Street Sweeping mobilizations. Each Street Sweeping unit shall consist of one mobilization and a minimum of 2 hours of Street Sweeping with a mechanized wet sweeping device designed to minimize dust while removing all evidence of construction activity from all surrounding streets. The time during each mobilization may be extended by request of the City, to ensure that all construction debris is removed from existing streets, at no additional cost or pay item charge to the City.

Should the City determine that additional Street Sweeping mobilizations are required during the course of the Project to remove construction debris from the project site or surrounding streets, the City shall notify the Contractor, and the Contractor shall provide these at no additional cost to the City.

All evidence of Construction debris on surrounding streets extending less than 50 feet beyond the Limits of Construction shall be promptly removed by the Contractor by sweeping at the end of each working day, at no additional cost to the City. Significant evidence of Construction debris extending beyond fifty (50) feet from the Limits of Construction shall be removed by the Contractor at the end of each work week, or the last working day before a weekend or holiday, whichever comes sooner. To perform this removal, the Contractor may utilize a Street Sweeping pay item, or remove the debris via conventional sweeping (in a manner to control dust), at no additional cost to the City. Once the Contractor has exhausted his Street Sweeping pay item quantity, the Contractor shall regularly remove (per the requirements of this Section) Construction debris via Street Sweeping or other sweeping method designed to minimize dust (pressure washing or use of only water for purposes of cleaning is not acceptable) to the end of Construction Activity at no additional cost to the City.

In subsection 208.09 delete the second sentence of the first paragraph and replace it with the following:

The City is obligated to implement enforcement mechanisms in accordance with Chapter 20 of the Municipal Code Stormwater Quality and Control.

In subsection 208.09 change the following references:

All references to "Form 105" to "Stormwater Quality Photo Report".



**REVISION OF SECTION 304  
AGGREGATE BASE COURSE**

Section 304 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 304.01 shall include the following:

This work includes the placement of recycled (reclaimed) asphalt produced from milling an existing asphalt street pavement as directed by the Engineer.

Subsection 304.02 shall include the following:

The source of aggregate for Aggregate Base Course is not designated. Approval of the aggregate as a source for the Class(es) of aggregate specified will be contingent on material meeting the appropriate gradation requirements and having a resistance value of at least 72 when tested the Hveem Stabilometer Method.

In general, the use of recycled materials is supported by the City and preference will be given to recycled materials as much as possible.

Recycled asphalt material shall be produced from milling an existing asphalt street or from crushing asphaltic pavement removed from a roadway. The material shall generally meet the gradation requirements of Class 4 or 6 Aggregate Base Course. The maximum size aggregate (material) will be determined by the Engineer in the field.

Recycled Portland cement concrete or asphaltic concrete may be used in lieu of natural or processed natural aggregate if it meets the general size, gradation and resistance requirements of the class of ABC specified and the substitution is approved by the Engineer.

Aggregate material for Stabilization Material (Granular) shall generally meet the requirements of Aggregate Base Course Classes 4, 5 or 6. Stabilization material may be crusher waste, reclaimed asphalt, reclaimed concrete, pit run gravels or other Contractor supplied material (minus 4 inch) acceptable to the Engineer. This material shall be readily compactable with minimal effort and shall be clean and free from contaminating materials such as clay or clay lumps and organic matter. The material shall not be cross mixed with other types of materials such as milled asphalt, non-specific gravel materials, rock, etc. Presence of contaminating materials, clay or clay lumps or organic matter will be grounds for rejection by the Engineer.

Aggregate Base Course (Crusher Fines) shall be stabilized, in accordance with the manufacturer’s recommendations, with a non-toxic, organic binder that is a colorless and odorless concentrated powder that binds the aggregate. The aggregate shall meet the following requirements:

**CRUSHER FINES (1/4” minus Aggregate Gradation)**

Sieve Size	Percentage passing by Weight
3/8”	100
#4	90 – 100
#8	75 – 80
#16	55 – 65
#30	40 – 50
#50	25 – 35
#100	15 – 20
#200	10 – 15

Subsection 304.04 shall include the following:

Recycled asphalt pavement material, in general, is intended for use in maintaining driveways and other accesses and to improve the subgrade characteristics during construction of the project. The material may be incorporated into the subgrade after the need for it in a particular location expires. Material shall be free of organic materials, clay and clay lumps and shall not be mixed with other materials prior to placement. The presence of contaminating or foreign material will be grounds for rejection by the Engineer.

Aggregate material for Stabilization Material (Granular) shall be placed on a geogrid material in the bottom of the excavation. The geogrid material shall be placed accordance with manufacturer's recommendation in the bottom of

the over excavated area in the roadway to be stabilized. After placement of the geogrid material, the granular roadway stabilization material will be placed full depth. The Contractor shall minimize the amount of rubber tired equipment allowed on the stabilization material and shall preferentially use a small tracked dozer or loader to spread the granular material. After placement and rough shaping of the granular material, the surface may be shaped to final cross section with a maintainer. Water for compaction shall be sparingly applied as required. The use of vibratory equipment may be used as long as the subgrade does not show evidence of failure as evidenced by deflection of the aggregate surface.

Aggregate Base Course (Crusher Fines) shall be a placed in a compacted lift of 4 inch depth.

Subsection 304.07 shall include the following:

Recycled Asphalt Pavement will be measured by the ton of material placed as directed by the Engineer.

Stabilization Material (Granular) will be measured by the ton compacted in place and accepted by the Engineer.

Subsection 304.08 shall include the following:

The accepted quantities of Stabilization Material (Granular) will be paid for at the contract price bid per ton of material, as shown in the bid schedule.

The accepted quantities of recycled asphaltic concrete and recycled Portland cement concrete will be paid for at the contract bid price per ton of material as shown in the bid schedule. If no separate bid price is provided, the recycled material will be paid for as Aggregate Base Course or extra work.

<b>Pay Item</b>	<b>Pay Unit</b>
Aggregate Base Course (Class 6)	CY

Revised 09/2017

**REVISION OF SECTION 403  
HOT MIX ASPHALT**

Subsection 403.03 shall include the following:

Areas to be patched back shall be saw cut, unless alternative methods of cutting which produce straight lines and vertical cuts are approved by the Engineer. Limits of cutting shall be as specified on the plans or as directed by the Engineer. Jagged edges are unacceptable and shall be replaced at the Contractors expense. Prior to placement of the patch, all exposed sides of the existing pavement shall be thoroughly coated with tack.

All materials excavated from the patch area shall become the property of the Contractor and hauled from the site.

Revised 09/2017

**REVISION OF SECTION 601  
STRUCTURAL CONCRETE**

Section 601 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 601.19 shall include the following:

Backside footers will be measured by the linear foot of footer constructed in accordance with the plans or as directed by the Engineer.

Subsection 601.20 shall include the following:

<b>Pay Item</b>	<b>Pay Unit</b>
Backside Footer	Linear Foot

**REVISION OF SECTION 601  
GALVANIC ANODES**

Section 601 of the Standard Specifications is hereby revised for this project to include the following:

DESCRIPTION



This work consists of furnishing and installing galvanic anodes, tying existing steel reinforcing mats for electrical continuity, and testing for electrical continuity in concrete repair locations as shown on the plans or as directed by the Engineer.

## MATERIALS

Galvanic anodes shall be one of the following:

- (1) "Galvashield XP2" as manufactured by Vector Corrosion Technologies,  
1330 Bellaire Street  
Broomfield, CO 80020  
303-465-5806
- (2) "MasterProtect 8105 CP" as supplied by BASF Corporation,  
889 Valley Park Drive,  
Shakopee, MN 55379  
800-433-9517
- (3) "Sentinel Silver" as manufactured by Euclid Chemical  
19218 Redwood Rd.  
Cleveland, OH 44110  
800-321-7628
- (4) "Galvashield XP+" as supplied by Sika Corporation  
201 Polito Ave.  
Lyndhurst, NJ 07071  
248-577-0980

Galvanic anodes shall be pre-manufactured and consist of a minimum of 100 grams of zinc conforming to ASTM B6 Special High Grade, cast around a pair of steel tie wires conforming to bright annealed ASTM A82.

At least 10 working days prior to the start of repair work, the Contractor shall submit documentation of the anode manufacturer's approval of the patching materials compatibility with their anode system and any special treatment requirements and installation instructions. The Contractor shall contact the manufacturer of the anodes to gain a full understanding of any special treatments that will be required and the process to properly install the anodes. The concrete patching material shall be as shown on the plans or as approved by the Engineer. Any grout used for grout beds or encapsulation of anodes shall have compressive strength equivalent to the original deck concrete per as-built drawings.

## CONSTRUCTION REQUIREMENTS

Anodes shall be installed the same day as preparation and cleaning of steel reinforcement to bright metal at the anode tie wire connection. The anode units, in cementitious patching material, shall be pre-wet to achieve a saturated surface dry condition, and the repair shall be completed while the anodes are in this condition.

Anodes used with patching material having resistivity greater than 15,000 Ohm-Centimeters (Ohm-cm) or not meeting compatibility requirements shall be specially treated and installed in accordance with manufacturer recommendations.

Galvanic anodes shall be installed in accordance with manufacturer's recommendations. Anodes shall be placed in each patch, 18 to 24 inches apart on the perimeter, based on rebar spacing. A minimum of one anode shall be placed in each patch and may be placed in the middle of the patching material area if the spacing requirement cannot be met. Each anode shall have a minimum 1.5 inch top cover to the surface of the new concrete deck patch and a 1 inch minimum side and bottom clear cover.

Galvanic anodes shall be secured with anode tie wires as close as possible to the patch edge while achieving minimum cover requirements. The tie wires shall be wrapped around the cleaned reinforcing steel and twisted tight to allow little or no free movement.

Prior to placing new concrete, galvanic anodes shall be installed in accordance with the manufacturer's recommendations and inspected for proper connection and continuity to reinforcing steel.

(a) Electrical Connection and Continuity.

Electrical connection and continuity between anode tie wire and reinforcing steel shall be confirmed by measuring DC resistance (ohm) or potential with a multi-meter. Electrical connection and continuity is acceptable if the DC resistance measured with a multimeter is less than 1 ohm or the DC potential is less than 1 mV.

All intersections of reinforcing steel shall provide electrical continuity. The Contractor shall confirm continuity of at least three intersections per repair area on each structure or as directed by the Engineer. Intersections with visible separation or lack of continuity shall be cleaned and/or tied with bare steel tie wire to achieve continuity. Additional continuity testing will be required as directed by the Engineer. Electrical continuity within a repair area is acceptable if the DC resistance measured with a multimeter is less than 1 ohm or the potential is less than 1 mV.

The Contractor shall furnish the Department with a multimeter to independently check the electrical connection. The multimeter shall become the property of the Department.

METHOD OF MEASUREMENT

Galvanic Anodes will be measured as the actual quantity installed and accepted. The Contractor may stockpile material at their own risk. All unused galvanic anodes shall remain property of the Contractor. Wheat Ridge will not purchase leftover materials or pay any restocking fees.

REVISION OF SECTION 601  
GALVANIC ANODES

BASIS OF PAYMENT

The accepted quantities of Galvanic Anodes will be paid for at the contract unit price.

Payment will be made under:

Pay Item	Pay Unit
Galvanic Anodes	Each

Payment for Galvanic Anodes will be full compensation for all labor, equipment, materials, and incidentals required to complete the item.

Electrical continuity tie wiring and testing will not be measured and paid for separately, but shall be included in the work.

The multimeter will not be measured and paid for separately, but shall be included in the work.

If additional anodes are required during construction, the additional anodes will be paid for at the original Contract unit price.

Any special treatment or installation of the anodes that is required by anode supplier due to the type of patching material used, including but not limited to, grout beds between substrate and anode, or grout encapsulation of the anodes, will not be measured and paid for separately, but shall be included in the work.

**REVISION OF SECTION 614  
TRAFFIC CONTROL DEVICES**

Section 614 of the CDOT Standard Specifications is hereby revised for this project as follows:

In subsection 614.13, delete the fourth, sixth, seventh, ninth, tenth, eleventh, twelfth, and thirteenth paragraph and replace with the following:

Traffic signs will be measured by unit including all materials included in the steel sign post and sign panel and other work necessary to complete the item.

Subsection 614.14 shall include the following:

<b>Pay Item</b>	<b>Pay Unit</b>
Variable Message Sign	Each

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Revised 09/2017

**REVISION OF SECTION 630  
CONSTRUCTION ZONE TRAFFIC CONTROL**

Section 630 of the CDOT Standard Specifications is hereby revised for this project as follows:

Subsection 630.10 shall include the following:

If the Contract Documents do not include a Traffic Control Plan (TCP), the Contractor shall submit a method for handling traffic (MHT). The MHT must utilize the Manual on Uniform Traffic Control Devices (MUTCD) or Standard Plans S-630-1 and S-630-2 for devices that are proposed. Approval of the MHT does not relieve the Contractor of traffic control liability specifically assigned to him under this Contract. A copy of the approved MHT shall be available at the project site at all times in order that Division personnel may verify compliance with the specified traffic control requirements.

The Contractor's MHT shall also include the following:

- (1) The number of flag persons to be used.
- (2) The number of authorized 24-hour days a traffic control supervisor will be required.

The Contractor shall erect and maintain warning lights, signs, barricades and sufficient safeguards around all excavations, embankments and obstructions.

Subsection 630.13 shall include the following:

The Contractor shall provide an inventory of all existing pavement marking to be disturbed to the Engineer prior to beginning work.

All warning and construction zone traffic control devices shall bear the name, address and phone number of the barricade company that owns them. The phone number shall be a 24 hour a day dispatched hot line in the event an emergency situation occurs where additional devices are needed or existing devices must be removed.

The Contractor shall install construction zone traffic control devices in locations where they do not block or impede sidewalks for pedestrians, disabled persons, bicyclists or other existing traffic control devices. A minimum four foot wide, unobstructed sidewalk area is to be maintained where possible. In the event that a minimum four foot wide sidewalk area with a minimum overhead clearance of 7 feet 6 inches cannot be maintained, a pedestrian/bicycle detour plan shall be submitted in conjunction with the traffic control plan.

All existing traffic control devices including traffic signals, signs, and pavement markings that are compatible with the construction zone traffic control shall remain visible and fully operational. If these devices are incompatible with the temporary construction, they shall be covered, relocated or removed.

Whenever the Contractor removes, obliterates or covers in any way, any pavement markings including lane lines and crosswalks, he shall replace them on a daily basis. Prior to opening affected areas to traffic, all pavement marking shall be placed in accordance with the Plans and Specifications or as directed by the Engineer.

The Contractor shall equip all vehicles operating within the moving lanes with flashing amber lights visible from all directions.

Subsection 630.17 shall include the following:

Signs, barricades, traffic channelizing devices, flashing beacons (portable), method of handling traffic, traffic control supervisor, flagging, and all other requirements of Subsection 630 are included in the pay item for Traffic Control Management unless they are identified in the Bid Schedule as separate pay items.

Subsection 630.18 shall include the following:

No payment will be made under Section 630 until the method of handling traffic (MHT) has been submitted and accepted.

<b>Pay Item</b>	<b>Pay Unit</b>
Traffic Cones	EA
Drum Channelizing Devices	EA
Concrete Barrier	LF