

# City of Fruita

Department of Public Works  
Engineering Division

Bid Documents and Construction Specifications for

## **Mulberry Street Sewer Replacement Project**

CIP Project Number 212-603-76-4740



August 24, 2015

# Bidding Instructions

PROJECT: **Mulberry Street Sewer Replacement**

OWNER: City of Fruita  
325 E. Aspen  
Fruita Colorado 81521  
Phone: (970) 858-8377  
Fax: (970) 858-0210

Project Manager: Chris Dehmel

These Instructions are general in nature, and may be amended or supplemented by the City. By submitting a Bid, the Offeror warrants that it is familiar with all provisions of the Bid Instructions, Bid Schedule, the Drawing Set, City of Fruita Design Criteria and Construction Specifications Manual, Special Provisions, and the Draft Construction Contract, and agrees to comply with them. **Bid submittal requirements are listed in Section 8 below.**

## 1.0 General Scope of Work

This project involves relocation of approximately 1270 lineal feet of sanitary sewer, including, but not limited to; installation of 8-inch SDR-35 PCV sanitary sewer pipe, installation of new manholes, reconnection of 28 sewer services, abandonment of the existing sanitary sewer and manholes, asphalt patching, and replacement of curb, gutter, sidewalk & v-pan where required.

## 2.0 Form of Bid and General Description of Bid and Award Process

The Bid Schedule is attached to these Instructions. In general, work tasks such as mobilization, testing, and field survey work will be bid and paid on a fixed price lump sum basis. Most other items will be bid and paid on a unit price basis. Estimated quantities are shown on the Bid Schedule. Actual quantities may be either more or less than those shown on the Bid Schedule. Unit Pricing for all unit price items provides a basis of payment for changes in quantities associated with the work tasks.

**A Mandatory Pre-Bid Meeting will be held on August 31, 2015 at 1:30 PM** at the Fruita Civic Center located at 325 E. Aspen Avenue in Fruita, Colorado

All questions requiring a response prior to the bid opening shall be submitted in writing prior to **Noon on Wednesday, September 2, 2015**, the question deadline. An Addendum addressing questions and clarifications will be issued Wednesday, September 2, 2015 by the end of the business day.

Sealed Bids will be opened at **1:30 PM on Friday September 4, 2015** at the Fruita Civic Center. Evaluation of the bids and selection of a winning bid will be based strictly on the lowest cost, responsive and responsible, BASE BID. Please see section 8.0 for a description of required submittals for determining responsiveness. Any bid deemed non-

responsive will be eliminated from further consideration and the bid will not be read. Responsive bids will have their BASE BID read aloud.

The City expects to issue a Notice of Award on September 8, 2015 and have a signed Contract and a Notice To Proceed by the week of September 14, 2015. The Pre-Construction Meeting will be scheduled as soon as possible following the Notice To Proceed.

A Draft Construction Contract is included in the Bid materials. Bidders must provide any objections or suggested changes in contract language at the time of bid opening. The City will negotiate and finalize contract language with the successful low bidder, issue a Notice To Proceed, and hold a Pre Construction Meeting as soon as a Contract is signed and Performance and Payment Bonds are received.

While it is the intention of the City to award and construct the entire project as reflected by the Base Bid, the City reserves the right to delete work or reduce quantities, select alternatives, and/or otherwise modify the scope of work, either prior to or after Contract execution. This will not change the selection process.

### **3.0 General Description of Construction Process and Site Specific Requirements**

Immediately after the Notice To Proceed, Contractor shall prepare a proposed construction schedule and submit it to the City Project Manager for approval. A Pre-Construction meeting shall be held after the Notice To Proceed with the General Contractor's Project Manager and Field Supervisor(s), City Project Manager, City Public Works Director, Materials Testing Firm, and any other major subcontractors desired by the General Contractor.

### **4.0 Schedule of Bid and Construction Activities**

The tentative schedule of project activities including construction is included in the **Special Provisions**.

### **5.0 Addenda**

Any interpretations, corrections, or changes to these Bidding Instructions, the Scope of Services, or extensions to the bidding deadlines or other dates will be made by a written Addendum to the Bidding Instructions by the Project Manager, who shall have sole authority to issue and authorize addenda. Addenda will be added to the Bidding Instructions retained at City Offices, and emailed to all firms who have already picked up Bid Packets. All addenda shall be acknowledged on the Bid Schedule.

All questions about the meaning or intent of the Bidding Instructions are to be submitted in writing to the Project Manager (faxes or emails are acceptable). Interpretation or clarifications deemed necessary by the City in response to such questions will be issued by addenda and faxed or emailed to all parties recorded by the City as having received Bidding Instructions. Questions received after the question deadline may not be answered prior to the bid opening. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

### **6.0 Exceptions and Substitutions**

Offerors are responsible for reviewing these Bidding Instructions and the attached Draft Construction Contract in their entirety. Offerors may take exception to any provision contained therein, but do so at their own risk. The City reserves the right to accept or reject any or all exceptions, substitutions, or alternatives. When offering an exception, substitution, or alternative, Offeror shall state these exceptions on a separate sheet of paper.

## 7.0 Confidential Materials

All materials submitted in response to this RFP will become public record in accordance with the Open Records Act and will be subject to inspection after contract award, with the following exceptions:

- a. Company Financial Disclosures
- b. Confidential Proprietary Information. Any information requested to be considered as Confidential Proprietary Information must be clearly identified as a “**Confidential Disclosure**”, be placed in a separate envelope, and include a justification for the request. Neither Unit Prices nor the total bid will be considered confidential or proprietary.
- c. All bids, excluding any confidential materials, become the property of the City of Fruita upon receipt, and will only be returned to the Offeror at the City’s option.

## 8.0 Required Submittals

- 8.1 Each Bid shall contain a completed and signed Bid Schedule. A Bid Schedule will not be considered complete unless all spaces for inserting either unit prices or total prices are filled in. Lump Sums and Unit Costs will be considered contractual obligations. Total BASE BID will be used for bid comparison purposes in determining the lowest responsive bidder. Any blank on the Bid Schedule that is not filled in with a number shall be assumed to be zero.
- 8.2 The Bid Schedule shall be signed by a principal of the company having the authority to enter into contractual relationships on behalf of the company.
- 8.3 Each Bid shall include a copy of insurance certificates or other evidence of the following minimum insurance requirements:
  - (1) Workers' Compensation insurance to cover obligations imposed by the Workers' Compensation Act of Colorado and any other applicable laws for any employee engaged in the performance of Work under this contract, and Employers' Liability insurance with minimum limits of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each accident, FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - policy limit, and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - each employee.

- (2) Comprehensive General Liability insurance with minimum combined single limits of ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate. The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, independent contractors, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground hazards. The policy shall contain a severability of interests provision.
  - (3) Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate with respect to each of Contractor's owned, hired and/or non-owned vehicles assigned to or used in performance of the services. The policy shall contain a severability of interests provision.
- 8.4 Each Bid shall include a Bid Bond or other guarantee equal to 5% of the Total BASE BID as listed on the bottom of the Bid Form. The Bid Bond or other security of the three lowest responsive bidders shall be retained until the successful bidder executes the Contract and furnishes the required Contract security, but not longer than 45 days. The Bid Bond or other guarantee of other bidders shall be returned within seven days.
  - 8.5 Each Bid shall include a list of objections or suggested changes in the language of the Draft Construction Contract. Bidders may use the form provided or put this information in their own format.
  - 8.6 Each Bid shall be submitted in a sealed envelope, and clearly marked on the outside **"Mulberry Street Sewer Replacement" Bid**.
  - 8.7 Altering and Withdrawing Biddings. Any hand written alteration to a bid must be initialed by the signer of the bid, guaranteeing authenticity. Bids cannot be altered or amended after the submission deadline, but may be withdrawn entirely at any time prior to the execution of the final Contract.
  - 8.8 Information detailing the qualifications of the firm or team are not required, but may be requested after the bid opening.
  - 8.9 **Bid Deadline.** All Bids must be received in the City of Fruita Engineering office no later than **1:30 PM on Friday September 4, 2015**. Late or unsigned bids will not be accepted or considered.
  - 8.10 **Responsiveness.** At the Bid Opening, each bid will be evaluated for responsiveness according to the checklist below. The City reserves the right to waive minor discrepancies in form or content of the bids, but the minimum requirements for responsiveness must be met. Any missing item from the checklist below is cause for rejection of the entire bid.

- Signed Bid Form
- Acknowledgement of any and all Addenda issued
- Total BASE BID amount
- Bid Bond
- Insurance Certificates – Workman’s Comp, Liability

#### **9.0 Conflict of Interest**

No City public official and/or City employee shall have a direct financial interest in any firm submitting a Bid under this Request. Any indirect interest in an Offerer firm by a City public official and/or City employee by virtue of blood or marriage shall be disclosed within the Bid.

#### **10.0 Only One Bid Accepted**

More than one Bid from an individual, firm, partnership, or corporation under the same or different names will not be considered. Evidence that any primary Offeror has an interest in more than one Bid for the same Work will be cause for rejection of all such bids. Evidence of collusion or other illegal activities between firms will be considered sufficient cause for the rejection of all Bids so affected. A subcontracted person or entity (such as a Surveyor or Traffic Control Firm) which has quoted prices to one bidder is not disqualified from quoting prices to other bidders but may not submit a direct bid on its own behalf.

**The City of Fruita reserves the right to reject any or all Bids, and to waive any informalities or irregularities therein.**

#### **11.0 Description of Bid Items**

Bid Item Descriptions are included in the Special Provisions. All Bid Items shall be priced as complete, in place.

**END OF BID INSTRUCTIONS**

BID SCHEDULE  
 2015 N. Mulberry St. Sewer Replacement Project  
 September 4, 2015 1:30 P.M.

No.	Item	Unit	Quantity	Unit Cost	Total Cost
1	Mobilization	LS	1		
2	Construction Surveying	LS	1		
3	Traffic Control	LS	1		
4	Material Testing	LS	1		
5	Stormwater Management	LS	1		
6	Asphalt Removal	SY	1465		
7	5'-Wide Concrete V-pan Removal	LF	29		
8	Remove/Plug Exst. Clay Tile Sewer	LS	1		
9	Excavate/Remove Lime-Treated Subgrade	LF	1275		
10	Abandon Exst. Manholes	EA	4		
11	60" Cast-In-Place Base Manhole	EA	1		
12	48" Precast Base Manhole	EA	3		
13	8" SDR-35 PVC Sewer Line (Complete in Place)	LF	1270.3		
14	Clay Cutoff Walls	EA	3		
15	4" Service Line Reconnections - WEST	EA	10		
16	6" Service Line Reconnections - WEST	EA	3		
17	4" Service Line Reconnections - EAST	EA	13		
18	6" Service Line Reconnections - EAST	EA	1		
19	4" Service Line Reconnection @ STA 2+45±	EA	1		
20	1-1/2" Crushed Rock Stabilization	TONS	318		
21	Export Unsuitable Backfill Material	CY	659		
22	Import from City Lagoons - Backfill	CY	790		
23	Aggregate Base Course (Cl. 6) - 8" Thick	SY	1465		
24	Hot Mix Asphalt - 3" Thick	SY	1465		
25	5'-Wide Concrete V-pan Installation	LF	29		
26	Yellow Pavement Marking Paint	LF	2400		
27	Thermoplastic Pavement Markings	SF	80		

Total Base Bid

\$ \_\_\_\_\_

28 (Alt)	4" SDR-35 PVC Sewer Service (Complete in Place)	LF	100		
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Company Name: \_\_\_\_\_

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

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

Date: \_\_\_\_\_

## SPECIAL PROVISIONS AND ITEM DESCRIPTIONS

The Special Provisions listed hereafter are specific to this contract only and do not apply to any other contract. Any provisions stated herein shall take precedence over any other sections of this document. Any conflicting segment shall be void while the special provision is applicable. The Contractor is to review these special provisions and include any costs of these provisions in the applicable pay items of the bid.

### I. Project Specifications

The CDOT Standard Specification for Road and Bridge Construction, 2011 Edition, The City of Fruita Design Criteria and Construction Specifications (DCCS) – 2009 Edition, and the City of Fruita Standard Detail Drawings will govern general construction specifications. Copies of CDOT standard specifications are not included in the bid and specification package due to their length, but are incorporated herein by reference. Copies of CDOT standard specifications can be obtained from CDOT at: <http://www.coloradodot.info/business/designsupport/construction-specifications/2011-Specs> or by mail Colorado Department of Transportation, 4201 E. Arkansas Ave., Bid Plans, Denver, Colo. 80222, (303) 757-9313. The City of Fruita DCCS – 2009 can be downloaded at the City's Engineering web page at <http://www.fruita.org>.

Administrative and contractual issues will be governed by various documents including these Special Provisions, the Bidding Instructions, the Construction Contract, and Section 100 of the CDOT Standard Specification for Road and Bridge Construction, 2011 Edition. In the case of discrepancies between similar administrative or contractual provisions contained in the various documents, the following hierarchy is specified:

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Construction Drawings</li> <li>2. Fruita Special Provisions</li> <li>3. Construction Contract</li> <li>4. Fruita DCCS 2009 Manual</li> <li>5. CDOT Standard Specifications</li> </ol> | <p>Highest Priority</p>  <p>Lowest Priority</p> |
|---|--|

In the case of any discrepancies between the Project Drawings and the CDOT Standard Specification, the Project Drawings shall control. Any general changes from the standard CDOT construction specifications will be delineated in these Special Provisions, on the Project Drawings, or in Bid Addenda. When specifications or special provisions contain both English units and SI units, the English units apply and are the specification requirement.

### II. Scope of Work

This project involves relocation of approximately 1270 lineal feet of sanitary sewer, including, but not limited to; installation of 8-inch SDR-35 PCV sanitary sewer pipe, reconnection of 28 sewer services, abandonment of the existing sanitary sewer and manholes, asphalt patching, and replacement of concrete curb, gutter, sidewalk and v-pan where required.

The Specific Work Items are shown on the Bid Schedule and are described in Section XV of these Special Provisions.

**III. Mandatory Pre - Bid Conference**

A Mandatory Pre-Bid Meeting will be held at 1:30 PM on Monday, August 31, 2015 at the Fruita Civic Center located at 325 E. Aspen Avenue in Fruita, Colorado. All prime contractors interested in submitting a bid for this project must attend the pre-bid meeting.

**III. Tentative Project Schedule**

The following schedule provides the general timeline and/or milestones for which the project is anticipated to proceed. The dates presented below are subject to change at the direction of the City.

Event / Deadline	Date & Time
Advertisement Dates – GJ Sentinel	Sundays, August 23 & 30, 2015
Plans and Bid Documents Available	Monday, August 24, 2015
Pre-Bid Meeting (MANDATORY)	Monday, August 31, 2015 @ 1:30 PM
Project Questions Deadline	Wednesday September 2, 2015 @ Noon
Final Addenda Issued	Wednesday, September 2, 2015, by EOD
Bid Opening	Friday, September 4, 2015 @ 1:30 PM
Notice of Award	Tuesday September 8, 2015
Notice To Proceed	September 14, 2015
Substantial Completion	November 25, 2015
Project Completed (Final Acceptance)	December 11, 2015

**V. Hours of Operation**

Contractor may perform work Monday through Saturday during daylight hours only, but may not start or operate equipment and machinery before 6:30 AM. Special approvals for Sunday work, or night work, if needed, will be considered on a case-by-case basis. All work on this project must be substantially completed by **November 25, 2015**.

**VI. Road Closures, Detours, and Traffic Control**

Traffic Control is a Lump Sum bid item. Traffic Control shall be placed in accordance with an approved Traffic Control Plan (TCP). The TCP must be submitted for approval to the City of Fruita Public Works Department with the *City Excavation and Right Of Way Permit*.

The contractor shall insure that access to individual parcels / residences (within the construction zone) is maintained at all times, minor delays excepted. The City and the contractor share the responsibility to keep the residents informed of work tasks affecting their property. Contractor shall provide notification of construction schedule to all residents affected at least three days in advance. Door hangers are acceptable.

Mulberry Street carries a significant amount of traffic in Fruita and the City recognizes that the project will create significant impacts to traffic and accesses during construction. However, it is the responsibility of the Contractor to minimize the impacts and disturbances as much as practical. One of the major contributors to peak traffic volumes is access to, and from, the schools located on Ottley Avenue and Pabor Avenue east and west of the project area. The schools will be on fall break from October 5 until October 9, 2015. Thanksgiving break is November 23 to November 27, 2015. The Contractor is responsible for communicating with the School District during the periods when school is in session for all traffic patterns altered around the school zones.

**VII. Construction Sequencing**

No construction sequencing recommendations are intended to be implied by these bid documents. Actual scheduling and performance of the Work is the sole responsibility of the Contractor, while minimizing traffic disruptions from detours and road closures. The irrigation season typically ends the first week of November. The Contractor is solely responsible for all costs incurred to supply irrigation water to the area affected by construction during the irrigation season.

**VIII. Staging/Lay down Areas**

The City has acquired permission to utilize the vacant lot located on the west side of Mulberry Street as a staging/laydown area. There is no driveway cut in the curb, gutter and sidewalk in front of this lot, the contractor must provide access via an acceptable best management practice for storm water control. The lot currently contains several holes varying in depth and size which must be filled in by grading the site soils, no import is expected for filling these holes. The existing trees and shed are to remain, the dead branches collected below the trees are to be hauled off the site at the request of the property owner. The lot must be left in a graded uniform condition at the conclusion of the project. Any leftover gravel may be spread out on the lot provided it does not exceed 1-inch in size. The staging area shall be kept clean and restored to a condition acceptable to the property owner prior to final acceptance. Work needed to satisfy the property owner's requests shall be considered incidental to the job and will not be paid for separately.

**IX. Protection of Adjacent Improvements, Environmental Controls, and Site Restoration**

The progress of the work shall be done in a manner to protect existing public facilities, such as utilities and concrete, as well as private property, specifically fences and landscaping not designated for removal. Any damage to existing facilities, public or private, and not designated for removal, shall be the sole responsibility of the Contractor.

The Contractor shall protect all existing grasses, trees, shrubs, and other existing vegetation in this area, except for those that are dead, or are called for removal to accommodate construction of the project.

The Contractor shall perform all the work in such a manner that the least environmental damage will result. Any questionable areas or items shall be brought to the attention of the City Project Manager for approval prior to removal or any damaging activity. Damaged or destroyed trees, shrubs, or grass, which could have been saved, shall be replaced and/or re-vegetated at the expense of the Contractor.

The Contractor shall implement and install standard Best Management Practices (BMP's) in constructing sediment control measures such as silt fence and storm inlet protection, storing chemicals and fuels, and servicing heavy equipment. Fuels, chemicals, and any other liquid or solid hazardous substances shall be properly stored and handled per OSHA and/or EPA requirements to avoid spills and/or other discharges.

Of particular concern is protection of existing storm inlets (curb inlets) during construction. It is imperative that existing piping remain clean and free of soil and debris, such that the existing capacity of the outlet is not compromised. Protection of curb inlets via straw bales and/or gravel filters is mandatory and will be inspected by the City regularly. Any flushing or cleaning required for maintaining clean storm drainage piping during construction will not be paid as additional work.

A Construction Stormwater Discharge Permit, Dewatering Permit, or any other permits that may be required from the Colorado Department of Public Health and Environment Water Quality Control Division are the responsibility of the Contractor.

**X. Construction Staking**

The City of Fruita shall be responsible for identifying or providing project benchmarks for horizontal and vertical control. In general, these will be existing Mesa County Survey Monuments (MCSM) as shown on the drawings.

The Contractor shall be responsible for all construction staking, layout and final placement of materials per the construction drawings. Any established survey monuments damaged, destroyed, or altered during construction that are not shown as being reset on the construction drawings shall be reset by a Colorado Licensed Professional Land Surveyor at the sole expense of the Contractor.

**XI. Utilities**

The Contractor shall comply with Article 1.5 of Title 9, CRS ("Excavation Requirements") when excavation or grading is planned in the area of underground utility facilities. The Contractor shall notify all affected utilities at least two (2) business days prior to commencing such operations. Contact the Utility Notification Center of Colorado (UNCC) at (800) 922-1987 or 811 to have locations of UNCC registered lines marked by member companies. All other underground facilities shall be located by contacting the respective company. Utility service laterals shall also be located prior to beginning excavating or grading.

The locations of utility facilities shown on the plan and profile sheets were obtained from the best available information. The contractor is responsible for all utility locates, and is responsible for any damage, replacement and repairs to affected utility lines. All costs incidental to the foregoing requirements will not be paid for separately but shall be included in the work.

Known utilities within the limits of this project are:

<b>Water:</b>	<b>Ute Water</b>	<b>Daryl Moore, 970-260-1521</b>
<b>Drainage:</b>	<b>City of Fruita</b>	<b>Chris Dehmel, 970-858-8377</b>
<b>Drainage:</b>	<b>Grand Valley Drainage District</b>	<b>Tim Ryan, 970-242-4343</b>
<b>Natural Gas:</b>	<b>Xcel Energy</b>	<b>Scott Hendricks, 970-244-2727</b>
<b>Electric:</b>	<b>Xcel Energy</b>	<b>Scott Hendricks, 970-244-2727</b>
<b>Sanitary Sewer:</b>	<b>City of Fruita</b>	<b>Public Works, 970-858-9558</b>
<b>Telephone:</b>	<b>Century Link</b>	<b>Chris Johnson, 970-244-4311</b>
<b>Cable TV:</b>	<b>Optimum Communication</b>	<b>Jeff Valdez, 970-263-2314</b>
<b>Fire Department:</b>	<b>Lower Valley Fire District</b>	<b>970-858-3133</b>
<b>Irrigation:</b>	<b>City Of Fruita</b>	<b>Public Works, 970-858-9558</b>
<b>Irrigation:</b>	<b>Grand Valley Irrigation Co.</b>	<b>Charlie Gunther, 970-242-2762</b>

The work described in these plans and specifications require coordination between the Contractor and the utility companies in accordance with the Contract. "Dry" utility relocations (gas, phone, cable, power) will be performed by the respective utilities, or by parties contracted by the individual utilities. It is the City's intent to have all non-project / non-contractor utility relocations completed prior to the Contractor mobilizing to the site.

All "Wet" utility relocations (water, irrigation, sewer, and storm drains) are shown in the plans and bid documents as the responsibility of the Contractor. The Contractor shall keep the utility company(s) and the City of Fruita Project Manager advised of any work being done to their facility(s), so that the utility company(s) can coordinate their inspections for final acceptance of the work.

**XII. Measurement & Payment**

The Bid Schedule is comprised of Lump Sum and Unit Price items of work that collectively covers all the work for this project. The Bid Schedule shows estimated quantities based on the Engineer's Estimate. Actual quantities may be more or less than the Bid Schedule quantity. All quantities will be paid at the listed Unit Price. If there is a need to change the amount of work

for a Unit Price Item, the schedule of Unit Prices will be the contractual basis for establishing the associated cost impact. Lump sum prices will only be changed via negotiated Change Order.

Each month the Contractor and the Owner will evaluate the progress of the work and agree to the overall percent complete for each Lump Sum item. This will be the basis for progress payments against lump sum items.

Measurement for payment quantities and associated surveying, calculations and documentation are the responsibility of the Contractor. Calculations and documentation shall be submitted to the City Project Manager, either before or concurrent with invoicing the items for which payment is requested. The City will also perform measurements and surveys on its own accord to verify payment quantities.

As a condition of final payment, the Contractor shall secure full written lien releases from all subcontractors, equipment and material suppliers, who have provided services, equipment and materials, on behalf of the contract, releasing the City and the Contractor from any further claim.

**XIII. Conformity with Plans and Specifications, Price Reductions.**

All work performed and all materials furnished shall conform to the lines, grades, cross sections, dimensions, and material requirements, including tolerances, specified in the Contract or as shown on the drawings. For those items of work where working tolerances are not specified, the Contractor shall perform the work in a manner consistent with reasonable and customary manufacturing and construction practices.

When the City Project Manager finds that the materials furnished, the work performed, or the finished product does not conform with the Plans, Specifications, or Contract but that reasonably acceptable work has been produced, the City Project Manager reserves the right to negotiate price reductions for sub-standard work that will remain in place. The City Project Manager may use Section 105 of the CDOT Standard Specification, incorporated by reference in Section I, to evaluate appropriate price reductions, or other methods, at his discretion. If acceptable price reductions are negotiated, the City Project Manager will document the basis for acceptance by Contract Modification Order which will provide for an appropriate reduction in the Contract price for such work or materials. If a satisfactory price reduction cannot be negotiated, the City Project Manager reserves the right to require removal and replacement of substandard work at the expense of the Contractor.

When the City Project Manager finds the materials furnished, work performed, or the finished product are not in conformity with the Contract and has resulted in an inferior or unsatisfactory product, the work or materials shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

If deemed necessary by the City, materials will be sampled and tested by the City in accordance with the sampling and testing schedules and procedures contained in CDOT's Field Materials Manual. Materials or work will be evaluated for price reduction when deviations from specifications occur on any of the several individual tests for the lot. The Contractor will not have the option of accepting a price reduction in lieu of producing specification material. Continued production of non-specification material will not be permitted. Material which is obviously defective may be isolated and rejected without regard to sampling sequence or location within a lot.

**XIV. Time of Completion**

The City believes more than adequate time is contained in the schedule to achieve the Substantial Completion date of **November 25, 2015** during normal working hours only.

Substantial Completion is defined as follows:

1. Date of Signature of the City Project Manager on the Notice of Substantial Completion.
2. All major construction, including pavement markings and signage completed per plan.
3. All road closures/ detours/ and traffic control removed, and all roads open to unrestricted travel in both directions.

Substantial Completion does not include minor repairs and punch list items that do not affect safe, unrestricted pedestrian and vehicle access through the corridor.

Any claim for delay resulting in potential changes to dates specified herein must be submitted in writing to the City Project Manager, who will evaluate the claim and issue a written response, and issue a change order if necessary. Claims for delay will not be considered valid solely based on the Contractor or Subcontractor(s) inability to complete a specific work task at a specific location, if similar work can be performed at a different location.

All construction projects encounter minor delays in certain tasks, and the City expects the Contractor to be flexible in addressing normal construction variability. By way of example, if a storm drain installation at a particular location cannot be completed due to interference, but other storm drain work can be performed at a different location, a claim for delay will not be considered a valid claim. Similarly, if a storm drain installation encounters soft soils requiring additional excavation and backfill, this will be considered normal construction variability not subject to a claim for delay. In either of these examples a cost impact, and potential increase in Contract value may be valid, even though the claim for delay is not.

**XV. Item Descriptions**

The following descriptions delineate the work, materials, and how measurements of completed work will be made and paid for regarding each bid item listed in the Bid Schedule. The Bidder is to read these definitions and price their proposal accordingly. The City of Fruita may choose to add, reduce, or eliminate any bid item or combination of bid items so the construction contract shall not exceed the encumbered funds allocated for this project.

**Item 1 Mobilization**

This pay item includes the Contractor's cost of moving all materials, equipment, and labor onto the job site, setup, providing a temporary sanitary facility, tear down and removing all debris, materials, equipment, and labor off the job site, dust abatement during the project, and final cleanup. The price for this item shall include all costs incorporated in performing the work described herein. Payment will be made at 50% of the Lump Sum amount upon initial mobilization, up to 90% during the work, and the final 10% after demobilization and project closeout advertisement.

**Item 2 Construction Surveying**

This pay item shall include all equipment, labor, and materials necessary for construction staking, layout, material verification, and production of project as-built drawings at the completion of the project per the City specifications. Payment of this Lump Sum item shall be made in increments upon completion of construction.

**Item 3 Traffic Control**

This pay item includes furnishing a Traffic Control Plan, flaggers, daily traffic control inspections, and all equipment for traffic control throughout construction of the project. This includes installing any temporary pavement markings that may be necessary. Payment of this Lump Sum item shall be made in increments upon completion of construction.

**Item 4 Material Testing**

This pay item includes providing all Materials Testing according to the City of Fruita Design Criteria and Construction Specifications Manual. This includes all excavation and trench backfill within the public Right-of-Ways, aggregate base course testing and asphalt testing. Payment of this Lump Sum item shall be made in increments upon completion of construction.

**Item 5 Stormwater Management**

This pay item includes furnishing all equipment, materials, and labor necessary to install, maintain, and administer adequate stormwater management practices. Payment of this Lump Sum item shall be made in increments upon completion of construction.

**Item 6 Asphalt Removal**

This pay item includes all equipment, materials, and labor required to remove and dispose of the asphalt as shown on the construction drawings. Edges of asphalt designated for removal shall be sawcut. Asphalt sawcutting will not be paid for separately and should be included in the cost of asphalt removal. All asphalt removed shall become property of the Contractor to dispose of accordingly. Payment will be based on unit price quoted. Any asphalt removed that is not specifically identified on the construction drawings for removal shall not be measured and paid for separately unless approved by the City prior to removal.

**Item 7 5'-Wide Concrete V-Pan Removal**

This pay items includes all equipment, materials, and labor required to remove and dispose of 5'-wide concrete drainage pan as shown on the construction drawings. Payment will be based on the unit price quoted. Any drainage pan removed that is not specifically identified on the construction drawings for removal shall not be measured and paid for separately unless approved by the City prior to removal.

**Item 8 Remove/Plug Exst. Sewer**

This pay item includes all equipment, materials, and labor required to remove, dispose of and plug both ends of the existing 10" abandoned clay tile sewer as shown at STA 0+15± on the construction drawings. Payment of this Lump Sum item shall be made in increments upon completion of construction.

**Item 9 Excavate/Remove Lime-Treated Subgrade**

This pay item includes all equipment, materials, and labor required to remove and dispose of existing lime-treated subgrade. During utility potholing, lime-treated subgrade was encountered beneath existing asphalt and base at thicknesses varying from 6"-12". Excavation and removal

of lime-treated subgrade may require additional effort on the part of the Contractor. Payment will be based on linear footage removed at the trench width as shown on the construction drawings.

**Item 10 Abandon Existing Sewer Manholes**

This pay item includes furnishing all equipment, materials, and labor required to abandon the existing sewer manholes in Mulberry St. as shown on the construction drawings and detail sheets. Payment will be made at the unit price quoted.

**Item 11 60" Manhole w/ Cast-in-Place Base**

This pay item includes furnishing all equipment, materials, and labor required to install a new 60" diameter manhole with a cast-in-place base on the existing 15" PVC sewer line in Pabor Ave., including excavation, excavation bracing, excavation de-watering, bedding, backfill and compaction, modification of existing pipe, and new pipe connections as shown on the construction plans and detail sheets. Payment will be made at the unit price quoted.

**Item 12 48" Manholes w/ Pre-Cast Base**

This pay item includes furnishing all equipment, materials, and labor required to install new 48" diameter manholes, including excavation, excavation bracing, excavation de-watering, bedding, backfill and compaction, and pipe connections as shown on the construction plans and detail sheets. Payment will be made at the unit price quoted.

**Item 13 8" SDR-35 PVC Sewer Line**

This pay item includes furnishing all equipment, materials and labor required to install new 8" diameter SDR-35 PVC pipe, including excavation, excavation bracing, pipe bedding, backfill, compaction, pipe connections, and materials testing as shown on the construction plans and detail sheets. Payment will be made at the unit price quoted.

**Item 14 Clay Cutoff Walls**

This pay item includes furnishing all equipment, materials and labor required to install clay cutoff walls on the upstream side of each manhole as shown on the construction plans and detail sheets. Payment will be made at the unit price quoted.

**Item 15 4" Service Line Reconnections - WEST**

This pay item includes furnishing all equipment, materials and labor required to install a WYE connection in the new 8" sanitary sewer main and connect existing sanitary sewer laterals west of the new main to the new main with 4" SDR-35 PVC pipe. New pipe/pipe-to-pipe connections shall be bedded in gravel. Connections between existing service pipes and new service pipes shall be made with Fernco 5000 Series RC (or similar) couplings (flexible couplings with stainless steel shield and molded bushing) encased in flowable fill concrete. Connections between existing and new services west of the new main shall be made at least 2' and no more than 4' behind existing curb, gutter and sidewalk on the west edge of Mulberry St. unless otherwise approved by the Project Manager. Connections between existing and new service pipes shall not be backfilled/encased with flowfill until inspected and verbally approved by the Project Manager. Landscape, driveway, irrigation system and curb, gutter & sidewalk and other surface or sub-surface restoration necessary to restore conditions to a pre-construction state shall be incidental to this item and will not be paid for separately. Fittings needed to adjust for grade or horizontal changes or material or size changes between the new service and the existing services shall be PVC and shall be considered incidental to this item and will not be paid for separately. Any service lines installed by tunneling under existing curb, gutter &

sidewalk shall be backfilled with flowable fill concrete. Payment will be made at the unit price quoted.

**Item 16        6" Service Line Reconnections - WEST**

This pay item includes furnishing all equipment, materials and labor required to install a WYE connection in the new 8" sanitary sewer main and connect existing sanitary sewer laterals west of the new main to the new main with 6" SDR-35 PVC pipe. New pipe/pipe-to-pipe connections shall be bedded in gravel. Connections between existing service pipes and new service pipes shall be made with Fernco 5000 Series RC (or similar) couplings (flexible couplings with stainless steel shield and molded bushing) encased in flowable fill concrete. Connections between existing and new services west of the new main shall be made at least 2' and no more than 4' behind existing curb, gutter and sidewalk on the west edge of Mulberry St. unless otherwise approved by the Project Manager. Connections between existing and new service pipes shall not be backfilled/encased with flowfill until inspected and verbally approved by the Project Manager. Landscape, driveway, irrigation system and curb, gutter & sidewalk and other surface or sub-surface restoration necessary to restore conditions to a pre-construction state shall be incidental to this item and will not be paid for separately. Fittings needed to adjust for grade or horizontal changes or material or size changes between the new service and the existing services shall be PVC and shall be considered incidental to this item and will not be paid for separately. Any service lines installed by tunneling under existing curb, gutter & sidewalk shall be backfilled with flowable fill concrete. Payment will be made at the unit price quoted.

**Item 17        4" Service Line Reconnections - EAST**

This pay item includes furnishing all equipment, materials and labor required to install a WYE connection in the new 8" sanitary sewer main and connect existing sanitary sewer laterals east of the new main to the new main with 4" SDR-35 PVC pipe. New pipe/pipe-to-pipe connections shall be bedded in gravel. Connections between existing service pipes and new service pipes shall be made with Fernco 5000 Series RC (or similar) couplings (flexible couplings with stainless steel shield and molded bushing) encased in flowable fill concrete. Connections east of the new main shall be made at the closest practical location to the new main. Connections between existing and new service pipes shall not be backfilled/encased with flowfill until inspected and verbally approved by the Project Manager. Landscape, driveway, irrigation system and curb, gutter & sidewalk and other surface or sub-surface restoration necessary to restore conditions to a pre-construction state shall be incidental to this item and will not be paid for separately. Fittings needed to adjust for grade or horizontal changes or material or size changes between the new service and the existing services shall be PVC and shall be considered incidental to this item and will not be paid for separately. Payment will be made at the unit price quoted.

**Item 18        6" Service Line Reconnections - EAST**

This pay item includes furnishing all equipment, materials and labor required to install a WYE connection in the new 8" sanitary sewer main and connect existing sanitary sewer laterals east of the new main to the new main with 6" SDR-35 PVC pipe. New pipe/pipe-to-pipe connections shall be bedded in gravel. Connections between existing service pipes and new service pipes shall be made with Fernco 5000 Series RC (or similar) couplings (flexible couplings with stainless steel shield and molded bushing) encased in flowable fill concrete. Connections east of the new main shall be made at the closest practical location to the new main. Connections between existing and new service pipes shall not be backfilled/encased with flowfill until inspected and verbally approved by the City project manager. Landscape, driveway, irrigation

system and curb, gutter & sidewalk and other surface or sub-surface restoration necessary to restore conditions to a pre-construction state shall be incidental to this item and will not be paid for separately. Fittings needed to adjust for grade or horizontal changes or material or size changes between the new service and the existing services shall be PVC and shall be considered incidental to this item and will not be paid for separately. Payment will be made at the unit price quoted.

**Item 19        4" Service Line @ STA 2+45±**

This pay item includes furnishing all equipment, materials and labor required to install a WYE connection in the new 8" sanitary sewer main and to install new 4" SDR-35 PVC pipe into the lot west of the main at STA 2+45±. New pipe/pipe-to-pipe connections shall be bedded in gravel. The new service line shall be terminated 2'-4' behind the sidewalk adjacent to that lot and shall have a glued cap installed on the end of the service and a green-painted 2x4 board installed at the end of the line. Landscape, driveway, irrigation system and curb, gutter & sidewalk and other surface or sub-surface restoration necessary to restore conditions to a pre-construction state shall be incidental to this item and will not be paid for separately. Payment will be made at the unit price quoted.

**Item 20        1.5" Crushed Rock Trench Stabilization**

This pay item includes providing all equipment, materials and labor required to install additional 1.5" rock bedding as needed for trench stabilization as directed by the Engineer. This does not include the 4" of bedding under pipe or 8" under structures as specified on the standard details. Trench stabilization material shall be comprised of at least fifty percent (50%) fractured faces. Pricing shall be complete in place, and include all excavation and disposal of unusable spoils. Item will be measured based on the tonnage of actual material used. The Contractor is responsible for providing scale tickets and tracking stabilization materials separately from other aggregates on the project. Payment will be made at the unit price quoted.

**Item 21        Export Unsuitable Backfill Material**

This pay item includes furnishing all equipment and labor required to load, haul, and dispose of unsuitable backfill materials from the job site. Payment of this item shall be made by the cubic yard estimated by the loaded dump truck capacity as agreed to by the Fruita Project Manager.

**Item 22        Import from City Lagoons - Backfill Material**

This pay item includes furnishing all equipment and labor required to load, haul, and place backfill materials from the City Lagoons site. The contractor is expected to utilize the existing site soils as much as practical to achieve the finished grade as shown on the plans. All import materials required to achieve the finished grade desired shall come from the City Lagoons. Payment of this item shall be made by the cubic yard estimated by the loaded dump truck capacity as agreed to by the Fruita Project Manager.

**Item 23        Aggregate Base Course (Class 6)(8 Inch Thick)**

This pay item includes furnishing all equipment, materials and labor required to import and install an 8-Inch thick layer of compacted Class 6 Aggregate Base Course under all asphalt in areas where asphalt patching is specified on the plans. This item will be paid for based on the surface area of full depth pavement actually installed at the Unit Price quoted.

**Item 24        Hot Mix Asphalt Patch - 3" Thick**

This pay item includes furnishing all equipment, materials and labor required to pave a 3-inch thick asphalt patch as designated on the plans. This item will be paid for based on the

completed surface area of asphalt at the Unit Price quoted. Tack coat between asphalt layers will not be paid for separately and shall be incidental to the work.

**Item 25 5'-Wide Concrete V-Pan Installation**

This pay item includes furnishing all equipment, materials and labor required to install a 5'-wide concrete drainage v-pan at the intersection of Mulberry St. and Pabor Ave. per the construction drawings and detail sheets. Connections between existing concrete fillets or v-pans and new v-pans shall be doweled with #4 rebar at 12" centers. Payment will be made at the unit price quoted.

**Item 26 Yellow Pavement Marking Paint**

These pay items include furnishing all equipment, materials and labor required to paint pavement markings as shown on the plans. Type of paint must be preapproved by the City before placement. Payment will be made at the unit price quoted for completed length of striping.

**Item 27 Thermoplastic Pavement Markings**

This pay item includes furnishing all equipment, materials and labor required to provide 125 mil thick preformed thermoplastic pavement markings as shown on the plans. The thermoplastic pavement markings shall be the equivalent of PreMark® ViziGRIP (White). Payment shall be made at the unit price quoted.

**Item 28 (Alternate) 4" SDR-35 PVC Sewer Service (Complete in Place)**

This pay item includes furnishing all equipment, materials and labor required to remove existing service line, excavate, install & backfill additional 4" SDR-35 PVC sewer service pipe beyond the limits of the new services as outlined in items 15-19 of this document and connect the new pipe to existing sewer services. Costs for surface restoration to pre-construction conditions shall be included in the unit cost for this item. The City's intention in adding this bid alternate to the project is to establish a price per foot for replacement service line for Residents interested in replacing their sewer service line. However, any agreement between the Contractor and a Resident shall not be part of this contract, and will not be paid for by the City. All costs for surface/sub-surface restoration and service line installation/connection beyond the limits outlined in this document shall be the responsibility of the Resident, not the City.

**SUMMARY**

This concludes the pay items listed in the proposal. Please be aware that the only payments made under this contract are for the pay items listed in the proposal and no other payments or additional payments will be made to the contractor for work specified and shown in these documents. If any discrepancies exist, the contractor should notify the project manager in writing, requesting clarification as soon as practical.

The following items have not been included as specific pay items and are considered incidental to the construction for which they are required, unless otherwise identified in a bid item:

- Dust control
- Erosion and Environmental control
- Watering / Dewatering
- Temporary facilities and utilities
- Barricades and other required safety provisions
- Cold weather protection

- Construction Contract Administration including completion and submittal of required forms and other paperwork

**END OF SPECIAL PROVISIONS**

## **PROJECT: Mulberry Street Sewer Replacement**

THIS CONTRACT is made this \_\_\_\_ day of \_\_\_\_\_, 2015 by and between the City of Fruita, herein after referred to as the "City" or "Owner", and \_\_\_\_\_, herein after referred to as the "Contractor".

### **RECITALS:**

WHEREAS, the City desires to obtain services of a Contractor for the purpose of Sanitary Sewer Reconstruction in Mulberry Street, and

WHEREAS, this Contract sets forth the Design, Special Provisions, Budget, and List of Submittals, herein after referred to as the "Project", and

WHEREAS, the Contractor is a licensed qualified construction contractor, capable of providing the professional services required, and

WHEREAS, the Contractor is willing and able to provide the Owner with these services, has negotiated acceptable pricing for the project consistent with the Scope of Services, and

NOW THEREFORE, in consideration of the terms of this contract, the parties agree as follows:

### **1 SCOPE OF SERVICES**

- 1.1 The Contractor shall provide to the City the services defined in the Special Provisions, referenced and included herein, consistent with the Bid Schedule referenced and included herein. This references the following project within the City: Mulberry Street Sewer Replacement, pursuant to the pricing, representations, and acknowledgements stated in the Contractor's Bid Schedule dated \_\_\_\_\_, 2015 and pursuant to the Project Specifications included in the bid documents.
- 1.2 Such services shall include contracting for, coordinating, and scheduling other Contractors or sub-contractors as needed to accomplish the work described in the Special Provisions and the Bid Schedule, irrespective of whether the work performed by these subcontractors are explicitly identified within the proposal.
- 1.3 All engineering work shall be completed by, or under the direct supervision of a Professional Engineer licensed in the State of Colorado.
- 1.4 Specific deliverables, and a schedule for these deliverables, are shown on the Construction Drawings or as described in The Special Provisions.

- 1.5 In case of any conflict between the Contractor's representations and the Project Specifications, the Project Specifications shall control.
- 1.6 Contractor shall be responsible for insuring the safety of the public during the performance of the work, in accordance with the Manual on Uniform Traffic Control Devices and the requirements of the City, and for maintaining access through the area in which the work is to be performed, except as otherwise agreed to or excluded within the drawings, specifications, special provisions, or other contract documents.
- 1.7. The cost of the performance, payment and warranty bonds as described in Section 16.H, the cost of such bonds shall not exceed 2.5 percent of the amount set forth in Section 6.1.

## **2 DELIVERABLES AND SCHEDULE**

- 2.1 All Deliverables shall be submitted to the City as specified in The Special Provisions.

## **3. COMPENSATION**

- 3.1 The Contractor shall be compensated for the services defined in the Scope of Services according to the rate schedules provided by the City Of Fruita, attached hereto and incorporated herein by reference as Bid Schedule. Subcontracting expenses for other professional engineering services, specifically including geotechnical engineering services and surveying services shall be billed and paid at rates not exceeding the rates proposed and submitted by the Contractor. The Contractor is free to select sub consultants, but commits to billing rates not exceeding those submitted as part of the proposal process.
- 3.2 All rates shall be fixed at the rates shown on the Bid Schedule, throughout the original term of this Agreement.
- 3.3 Specific provisions concerning billing rates for travel time, direct costs, and other reimbursable items applicable to this project shall be billed at a rate as shown on the Bid Schedule.
- 3.4 The City agrees to pay, and Contractor agrees to accept, amount for the Scope of Services identified in this contract, as bid by the contractor in the amount of -  
\_\_\_\_\_
- 3.5 With the approval of the City of Fruita, compensation for individual task items may exceed the proposed dollar amounts shown on the Bid Schedule, so long as the amount referenced is in the form of approved change orders with appropriate signatures by both parties of this contract.

3.6 Additional services or modifications of services and associated adjustments of compensation, which are within the scope of this project, shall be agreed to via a formal written Change Order by the Contractor and City of Fruita, and approved by the Fruita City Manager, (as may be required) prior to execution or performance of the Additional Services.

3.7 Material and/or labor costs that exceed the Bid Schedule, use of Alternate Bid Items, or other services / modifications shall be processed by Change Orders and approved by the City of Fruita prior to execution or performance of the Additional Services.

3.8 Payment under this Section by the Owner shall be due thirty (30) days from the date of receipt of invoice from the Contractor.

#### **4. REPRESENTATION, DURATION, AND TERMINATION**

4.1 In order to induce the City to enter into this Agreement, the Contractor makes the following representations:

A. The Contractor has familiarized itself with the nature and the extent of the work, the locality, all physical characteristics of the area, including without limitation, improvements, soil conditions, drainage, topography, and all other features of the terrain, and with the local conditions and federal, state, and local laws, ordinances, rules, and regulations that in any manner may affect cost, progress, or performance of the work, or apply in any manner whatsoever to the work.

B. Contractor has carefully considered all physical conditions at the site and existing facilities affecting cost, progress, or performance of the work.

C. Contractor has given the City written notice of all conflicts, errors, or discrepancies that it has discovered in the contract documents and such documents are acceptable to the Contractor.

4.2 The Contractor accepts the relationship of trust and confidence established between it and the City by this Agreement. Contractor covenants with the City to furnish its best skill and judgment and to cooperate with the City's Project Manager and all other persons and entities in furthering the interests of the City. Contractor agrees to furnish efficient business administration and superintendence and to use its best efforts to furnish at all times an adequate supply of workers and materials, and to perform the work in the best way and in the most expeditious and economical manner consistent with the interests of the City.

- 4.3 The City's Project Manager and point of contact for the purposes of this contract is the following or such other person as the City may designate in writing:

Chris Dehmel  
City Project Manager  
325 E. Aspen Ave., Suite 155  
Fruita, CO 81521  
(970) 858-8377

**5. TIME OF COMPLETION, LIQUIDATED DAMAGES, AND INCENTIVES FOR EARLY COMPLETION:**

- 5.1 No work shall be commenced by the Contractor until after a pre-construction meeting of the Contractor, the City Engineer, and other City representatives as appropriate. All work shall be performed Monday through Friday, during daylight hours only, except as agreed to in writing by the City.
- 5.2 Prompt completion of the work is essential to the City. Time is of the essence in all respects regarding this Agreement and the work. Contractor shall carry out construction of the project with all due diligence in compliance with the schedule submitted at the beginning of the project. Therefore, all construction work shall be substantially complete prior to **November 25, 2015**.

Substantial completion of the work shall be defined by the date in which all deliverables have been accepted and the contractor has completed construction.

Project Final Completion is defined as the Date of Signature of City Engineering on the Notice of Final Acceptance and Warranty of the design phase. Date of Final Completion shall be by **December 11, 2015** including all sanitary sewer lateral connections, irrigation risers, and final grading of easement area.

- 5.3. Liquidated Damages. The City and Contractor agree there will be no liquidated damages assessed on this project.
- 5.4 Incentive for Early Completion It is in the best interest of the Contractor to complete the work as early as possible, however there will not be any monetary incentive for early completion.

**6. PRICE OF WORK.**

- 6.1 The City agrees to pay, and Contractor agrees to accept, in full payment for the performance of this Agreement, **XXXXXXXXXXXXXXXXXXXX**.
- 6.2 The amount set forth in Section 6.1 above shall not include the following costs:

- A. Costs of delays, rework, overruns, and/or other costs specifically excluded by the drawings, specifications, or other bid documents;

## **7. SCOPE OF PAYMENT.**

- 7.1 The Contractor shall accept the compensation, as herein provided, in full payment for furnishing all materials, equipment, labor, tools, and incidentals necessary to complete the work and for performing all work contemplated and embraced under this Agreement. Compensation shall also include loss or damage caused by the nature of the work, the action of the elements, or any unforeseen difficulties which may be encountered during the prosecution of the work, for all expenses incurred in consequence of the suspension or discontinuance of the work as herein specified, and for any infringement of patent, trademark, or copyright. Compensation shall be for completing the work according to the contract documents. Neither the payment of any estimate or progress payment nor the payment of any retained percentage shall relieve the Contractor of any obligations to correct any defective work or material. No funds, payable under this Agreement or any part thereof, shall become due and payable, if the City so elects, until the Contractor shall satisfy the City that it has fully settled or paid for all materials and equipment used in or upon the work and labor done in connection therewith. The City may pay any or all such claims or bills, wholly or in part, and deduct the amount or amounts so paid from any funds due Contractor. In the event the surety on any contract, performance bond, payment bond, or warranty bond given by the Contractor becomes insolvent, or is placed in the hands of a receiver, or has its right to do business in the state revoked, the City may withhold payment of funds due Contractor until the Contractor has provided a bond or other security to the satisfaction of the City in lieu of the bond so executed by such surety.

## **8. PROGRESS PAYMENTS AND RETAINAGE.**

- 8.1 By the 5th day of each month, Contractor shall submit to the City for review and approval, an application for payment fully completed and signed by Contractor covering the work completed through the last day of the prior month and accompanied by such supporting documentation as is required by these contract documents, including without limitation, time sheets, invoices, receipts, bills of lading, and all other documents the City may require. Materials on hand but not complete in place may not be included for payment at the discretion of the City. Each subsequent application for payment shall include an affidavit of Contractor providing that all previous progress payments received on account of the work have been applied to discharge in full all of Contractor's obligations reflected in prior applications for payment.

8.2 Retainage shall be withheld from a contract exceeding fifty thousand dollars. Notwithstanding the progress payments, it is the intent and purpose of the City to withhold at least five percent (5%) of the contracted amount deducted from each payment to the Contractor as retainage in accordance with Article 91, Title 24, C.R.S.

**9. OWNERSHIP OF PLANS, SPECIFICATIONS, AND DOCUMENTS.**

9.1 Except for Contractor's executed set, all of the plans and the contract documents are the property of the City. Contractor shall be provided plans, specifications, permits, and other documents and materials required to perform the work. The plans and specifications are not to be used on other work, and all sets shall be returned to City at the completion or cessation of the work or termination of this Agreement.

**10. NO PERSONAL LIABILITY.**

10.1 In carrying out any of the provisions of this Agreement or in exercising any power or authority thereby, there shall be no personal liability of the City, its governing body, staff, consultants, officials, attorneys, representatives, agents, or employees.

**11. OBSERVATION OF ALL LAWS.**

11.1 It is assumed that Contractor is familiar with all federal, state, and local laws, codes, ordinances, and regulations which in any manner affect those engaged or employed in the work or the material or equipment used in or upon the site or in any way affect the conduct of the work or construction of the project. No pleas or claims of misunderstanding or ignorance by Contractor shall in any way serve to modify the provisions of the Agreement. Contractor shall at all times observe and comply with all federal, state, county, local, and municipal laws, codes, ordinances, and regulations in any manner affecting the conduct of the work or the project. It is not the responsibility of Contractor to determine that this Agreement and the contract documents are in accordance with applicable laws, statutes, building codes, and regulations; however, if Contractor knows, or should have reason to know, that any of the contract documents are at variance therewith in any respect, Contractor shall promptly notify the City in writing, and any necessary changes shall be made as provided herein.

**12. AGREEMENT PROVISIONS PREVAIL.**

12.1 The intent and purpose of this Agreement and the construction documents is to complement each other; however, the terms and provisions of this Agreement shall prevail regarding differences in, discrepancies with, or conflicts of, terms or provisions contained in other contract documents.

### **13. CONTRACTOR'S RESPONSIBILITY FOR WORK.**

- 13.1 Until the final acceptance of the work by the City in writing, Contractor shall have the charge and care thereof, and shall take every necessary precaution against injury or damage to any part thereof by the effects of the elements or from any other cause. Contractor, at its own expense, shall rebuild, repair, restore, and correct all injuries or damages to any portion of the work occasioned by any causes before its completion and acceptance. In case of suspension of work from any cause whatsoever, Contractor shall be responsible for all materials and shall properly store same, if necessary, and shall provide suitable drainage, barricades, and warning signs where necessary. Contractor shall correct or replace, at its own expense and as required by City, any material which may be destroyed, lost, damaged, or in any way made useless for the purpose and use intended by the contract documents, plans, and specifications prior to final acceptance of the work, or portions thereof. Contractor shall be relieved of the responsibilities provided in this section upon final acceptance of the work by City, except no such relief shall apply to damages or injuries caused by or related to actions of Contractor or its subcontractors.

### **14. TERMINATION OF CONTRACTOR'S RESPONSIBILITY.**

- 14.1 The project will be considered complete when all work has been finished, the final inspection made, and the work accepted by City in writing, and all claims for payment of labor, materials, or services of any kind used in connection with the work thereof have been paid or settled by Contractor or its surety. Contractor will then be released from further obligation except as set forth in the surety bond, and except as required in this Agreement and the contract documents regarding the Contractor's guaranty of work.

### **15. INDEMNIFICATION**

- 15.1 To the fullest extent permitted by law, the Contractor agrees to indemnify and hold harmless the City, and its officers and its employees, from and against all liability, claims, and demands, on account of any injury, loss, or damage, which arise out of or are connected with the Work, if such injury, loss, or damage, or any portion thereof, is caused by, or claimed to be caused by, the act, omission, or other fault of the Contractor or any subcontractor of the Contractor, or any officer, employee, or agent of the Contractor or any subcontractor, or any other person for whom Contractor is responsible. The Contractor shall investigate, handle, respond to, and provide defense for and defend against any such liability, claims, and demands, and to bear all other costs and expenses related thereto, including court costs and attorneys' fees. The Contractor's indemnification obligation shall not be construed to extend to any injury, loss, or damage which is caused by the act, omission, or other fault of the City.

## 16. INSURANCE AND BONDS

- 16.1 The Contractor shall not commence work under this Agreement until it has obtained all insurance required by the contract documents and such insurance has been approved by City. The Contractor shall not allow any subcontractor to commence work on this project until all similar insurance required of the subcontractor has been obtained and approved. For the duration of this Agreement, the Contractor must maintain the insurance coverage required in this section.
- 16.2 The Contractor agrees to procure and maintain, at its own cost, the following policy or policies of insurance. The Contractor shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to the contract documents by reason of its failure to procure or maintain insurance, or by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.
- 16.3 Contractor shall procure and maintain, and shall cause each Subcontractor of the Contractor to procure and maintain (or shall insure the activity of Contractor's Subcontractors in Contractor's own policy with respect to), the minimum insurance coverages listed below. Such coverages shall be procured and maintained with forms and insurers acceptable to the City. All coverages shall be continuously maintained from the date of commencement of the Work. In the case of any claims- made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage.
- A. Workers' Compensation insurance to cover obligations imposed by the Workers' Compensation Act of Colorado and any other applicable laws for any employee engaged in the performance of Work under this contract, and Employers' Liability insurance with minimum limits of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each accident, FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - policy limit, and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) disease - each employee.
- B. Comprehensive General Liability insurance with minimum combined single limits of ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate. The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, independent contractors, products, and completed operations. The policy shall include coverage for

explosion, collapse, and underground hazards. The policy shall contain a severability of interests provision.

- C. Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than ONE MILLION DOLLARS (\$1,000,000) each occurrence and ONE MILLION DOLLARS (\$1,000,000) aggregate with respect to each of Contractor's owned, hired and/or non-owned vehicles assigned to or used in performance of the services. The policy shall contain a severability of interests provision.
- D. The policies required above, except for the Workers' Compensation insurance and Employers' Liability insurance, shall be endorsed to include the City, and its officers and employees, as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the City, its officers, or its employees, shall be excess and not contributory insurance to that provided by Contractor. The additional insured endorsement for the Comprehensive General Liability insurance required above shall not contain any exclusion for bodily injury or property damage arising from completed operations. The Contractor shall be solely responsible for any deductible losses under each of the policies required above.
- E. Certificates of insurance shall be completed by the Contractor's insurance agent as evidence that policies providing the required coverages, conditions, and minimum limits are in full force and effect, and shall be subject to review and approval by the City. Each certificate shall identify the Project and shall provide that the coverages afforded under the policies shall not be canceled, terminated or materially changed until at least 30 days prior written notice has been given to the City. If the words "endeavor to" appear in the portion of the certificate addressing cancellation, those words shall be stricken from the certificate by the agent(s) completing the certificate. The City reserves the right to request and receive a certified copy of any policy and any endorsement thereto.
- F. Failure on the part of the Contractor to procure or maintain policies providing the required coverages, conditions, and minimum limits shall constitute a material breach of contract upon which the City may immediately terminate the contract, or at its discretion may procure or renew any such policy or any extended reporting period thereto and may pay any and all premiums in connection therewith, and all monies so paid by the City shall be repaid by Contractor to the City upon demand, or the City may offset the cost of the premiums against any monies due to Contractor from the Owner.

- G. The parties hereto understand and agree that the City is relying on, and does not waive or intend to waive by any provision of this contract, the monetary limitations (presently \$150,000 per person and \$600,000 per occurrence) or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, ' 24-10-101 et seq., 10 C.R.S., as from time to time amended, or otherwise available to the City, its officers, or its employees.
- H. For all contracts exceeding \$50,000 in value, Contractor shall furnish a performance and payment bond, at least equal to the contract price, as security for the faithful performance and payment of all Contractor's obligations under the contract documents. Contractor shall also furnish a cash warranty or warranty bond in an amount equal to ten percent of the final Contract value, which shall remain in effect for the duration of the guaranty period provided in Section 20. At the Contractors option, the Performance and Payment bonds may be rolled over and substituted for the Warranty Bond, so long as these bonds remain in effect for the duration of the guaranty period provided in Section 20. If a cash warranty is provided, said cash shall be deposited with the City Clerk during the guaranty period provided in Section 20. All bonds shall be in the forms prescribed by the contract documents and be executed by such sureties as (i) are licensed to conduct business in the State of Colorado and (ii) are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570, amended, by the Audit Staff, Bureau of Account, U.S. Treasury Department. All bonds signed by an agent must be accompanied by a certified copy of the authority to act. If the surety on any bond furnished by the Contractor is declared bankrupt or becomes insolvent, or its right to do business in Colorado is terminated, or it ceases to meet the requirements of clauses (i) and (ii) of this section, Contractor shall, within five (5) days thereafter, substitute another bond and surety, both of which shall be acceptable to the City.

## **17. EVIDENCE OF SATISFACTION OF LIENS.**

- 17.1 Contractor shall provide City with written evidence that all persons who have done work or furnished material under this Agreement and are entitled to liens therefore under any laws of the State of Colorado have been fully paid or are not entitled to such liens. Final payment shall not be made to Contractor until the City is reasonably satisfied that all claims or liens have been satisfied by Contractor.

**18. ACCEPTANCE OF WORK.**

18.1 No act of the City, or of any representative thereof, either in superintending or directing the work, or any extension of time for the completion of the work, shall be regarded as an acceptance of such work or any part thereof, or of materials used therein, either wholly or in part. Acceptance shall be evidenced only by the Notice of Final Acceptance and Warranty issued by the City. No waiver of any breach of this contract by City or anyone acting on their behalf shall be held as a waiver of any other subsequent breach thereof. Any remedies provided herein shall be cumulative.

**19. GUARANTY OF WORK.**

19.1 Contractor agrees to guarantee all work under this Agreement for a period of one year from the date of final acceptance by the City. If any unsatisfactory condition or damage develops within the time of this guaranty due to materials or workmanship that are defective, inferior, or not in accordance with the Agreement, as reasonably determined by City, then the Contractor shall, when notified by City, immediately place such guaranteed work in a condition satisfactory to City. The City shall have all available remedies to enforce such guaranty, except that City shall not have any work performed independently to fulfill such guaranty and require Contractor to pay City such sums as were expended by the City for such work, unless the City has first given notice to the Contractor of the deficiency and given the Contractor a reasonable opportunity to cure the same.

**20. DEFAULT / BREACH OF CONTRACT.**

20.1 If the Contractor fails to mobilize to the job site, fails to perform work in a continuous and timely manner, performs Work in a manner substantially contrary to the specifications and design drawings, performs additional work without a valid change order or other authorization, performs Force Account work without authorization, fails to obtain necessary permits, is found in violation of any State or Federal environmental law, or fails to maintain a safe work environment, the City may, at its sole option and discretion, find the Contractor in Default and material Breach of this Contract. In such instances, the City shall document to the Contractor the nature of the Breach, and may, at its option, specify a remedy and required timeframe in which to cure the Breach, or may terminate the Contract. If the City chooses to terminate the Contract, the City reserves and retains all rights granted under State Law, and City Ordinances, to withhold payments for completed work, call bonds, hire replacement Contractors, or take other measures deemed in the best interest of the City.

## **21. FINAL APPLICATION FOR PAYMENT.**

- 21.1 After Contractor has completed all such corrections to the satisfaction of Project Manager and delivered in accordance with the Contract Documents all maintenance and operating instructions, schedules, guarantees, Bonds, certificates or other evidence of insurance required by the Contract Documents, certificates of inspection, marked-up record documents, and other documents, Contractor may make application for final payment following the procedure for progress payments. The final application for payment shall be accompanied (except as previously delivered) by: (i) all documentation called for in the Contract Documents, including but not limited to the evidence satisfactory to the City of the continuation of completed operations insurance and any insurance coverage written on a claims-made basis at final payment and one year thereafter; (ii) the consent of surety to final payment and that the performance bond shall remain in effect throughout the guarantee period; (iii) complete and legally effective claim releases signed by all suppliers and subcontractors in the form provided in the Contract Documents certifying that all outstanding claims for payment have been paid. The Contractor shall not receive final payment due under the Agreement until the Contractor obtains and files the foregoing items (i), (ii), and (iii).
- 21.2 **LIENS:** Colorado Statutes do not provide for any right of lien against public facilities. In lieu thereof, ' 38-26-107, Colorado Revised Statutes, as amended, provides adequate relief for any claimant having furnished labor, materials, rental machinery, tools, equipment, or services toward construction of the particular public work in that final payment may not be made to a Contractor until all such creditors have been put on notice by publication of such pending payment and given opportunity to stop payment to the Contractor in the amount of such claims. Pursuant to ' 38-26-107, C.R.S., any supplier may bring a suit and file a notice of lis pendens against the City within ninety (90) days after the date set for final settlement. If any such supplier or person files any such claim and notice of lis pendens, the City shall withhold retained amounts from final payments to the Contractor as are necessary to satisfy fully such claims. References to liens appearing in this Article shall be deemed as references to claims made pursuant to C.R.S ' 38-26-101 et seq. unless the context requires otherwise.

## **22. FINAL PAYMENT AND ACCEPTANCE.**

- 22.1 If, on the basis of Project Manager's observation of the Work during construction and final inspection, and Project Manager's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Project Manager is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Project Manager will, within FOURTEEN days after receipt of the final Application for Payment, indicate in writing Project Manager's recommendation of payment

and present the Application to the City Council for payment. At the same time Project Manager will also give written notice to Contractor that the Work is acceptable. Otherwise, Project Manager will return the Application to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application. Upon receipt of the Project Manager's recommendation for payment and the final Application for Payment, the City shall order the publication of Notice of Final Payment as required by C.R.S. ' 38-26-107(1) and shall make final payment in accordance with C.R.S. ' 38-26-107(3).

**23. DELAYED COMPLETION.**

23.1 If, through no fault of Contractor, final completion of the Work is significantly delayed and if Project Manager so confirms, the City shall, upon receipt of Contractor's final Application for Payment and recommendation of Project Manager, and without terminating the Agreement, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by the City for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required by the Contract Documents, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Project Manager with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

**24. COSTS AND ATTORNEY'S FEES.**

24.1 In addition to the indemnification provisions of this Agreement and the contract documents, and provided that the City is not in material default of this Agreement or the direct cause of litigation, the Contractor shall be responsible for and pay the City for all of the costs, expenses, and attorneys' fees "including legal assistants fees" related to litigation or other forms of dispute resolution arising out of any matter related to this Agreement, the contract documents, including performance and payment bonds, or the work.

**25. CHANGE ORDERS.**

25.1 The City shall use reasonable efforts to grant or deny change orders within twenty-four hours and not later than seventy-two hours of request of the Contractor. The Project Manager shall be authorized to approve individual change orders which do not exceed \$10,000.00. Any change orders which increase the price of the work above \$10,000.00 shall be approved by the City Manager.

Change Orders must be processed and approved by the City before additional materials, equipment, and / or labor are expended.

**26. NO ASSIGNMENT.**

26.1 This Agreement shall not be assigned by the Contractor without the prior written approval of the City.

**27. GOVERNING LAW.**

27.1 This Agreement shall be deemed entered into in Mesa County, Colorado, and shall be governed by the laws of the State of Colorado. The parties agree to the jurisdiction and venue of the courts of Mesa County in connection with any dispute arising out of or in any matter connected with this Agreement.

**28. SUBCONTRACTING.**

28.1 It is understood and agreed that the employment of the Contractor by the City for the purposes of said project shall be exclusive, but the Contractor shall have the right to employ such assistance as may be required for the performance of the project. Said Contractor shall be responsible for the compensation, insurance, and all clerical detail involved in the employment of said assistance.

**29. EQUAL OPPORTUNITY EMPLOYER.**

29.1 The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, age, sex, disability or national origin. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, age, sex, disability, or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notice to be provided by an agency of the federal government, setting forth the provisions of the Equal Opportunity Laws.

29.2 The Contractor shall be in compliance with the appropriate provisions of the American with Disabilities Act of 1990 as enacted and from time to time amended and any other applicable federal regulation. A signed, written certificate stating compliance with the Americans with Disabilities Act may be requested at any time during the life of any purchase order or contract and with any new purchase order or contract issued by the City.

**30. INDEPENDENT CONTRACTOR.**

- 30.1 Contractor and any persons employed by Contractor for the performance of work hereunder shall be independent contractors and not employees or agents of the City. Nothing herein shall be construed as establishing a quality standard for any individual, or as establishing any right on the part of the City to oversee the actual work of the Contractor or to instruct any individual as to how the work will be performed.
- 30.2 Contractor shall have the right to employ such assistance as may be required for the performance of work under this Agreement. Said Contractor shall be responsible for the compensation, insurance, and all clerical detail pertaining to such assistants, and shall be solely responsible for providing any training, tools, benefits, materials, and equipment.
- 30.3 THE PARTIES HERETO UNDERSTAND THAT THE CONTRACTOR AND THE CONTRACTOR'S EMPLOYEES AND SUBCONTRACTORS ARE NOT ENTITLED TO WORKERS' COMPENSATION BENEFITS UNDER ANY WORKERS' COMPENSATION INSURANCE POLICY OF THE CITY, AND THAT CONTRACTOR IS OBLIGATED TO PAY FEDERAL AND STATE INCOME TAX AND OTHER APPLICABLE TAXES AND OTHER AMOUNTS DUE ON ANY MONEYS PURSUANT TO THIS AGREEMENT.

**31. Illegal alien addendum required in all public contracts for services by house bill 06-1343, enacted by the Colorado General Assembly AND APPROVED BY THE GOVERNOR ON JUNE 6, 2006.**

- 31.1 By its signature on this Agreement, Contractor certifies that, as of the time of its signature, it does not knowingly employ or contract with an illegal alien and that, in order to verify that it does not employ any illegal aliens, the Contractor has participated or attempted to participate in the basic pilot employment verification program ("Basic Pilot Program") created in Public Law 208, 104th Congress, as amended, and expanded in Public Law 156, 108th Congress, as amended, administered by the United States Department of Homeland Security.
- 31.2 Contractor agrees that it shall not knowingly employ or contract with an illegal alien to perform work under this Agreement; and that it shall not enter into a contract with a subcontractor that fails to certify to the contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this contract.
- 31.3 Contractor has verified or attempted to verify through participation in the Basic Pilot Program that the Contractor does not employ any illegal aliens. If Contractor has not been accepted into the Basic Pilot Program prior to entering into this Agreement, Contractor shall apply to participate in the Basic Pilot

Program every three months until the Contractor is accepted or work under this Agreement has been completed, whichever is earlier. This requirement shall not apply if the Basic Pilot Program is discontinued.

- 31.4 Contractor shall not use Basic Pilot Program procedures to undertake pre-employment screening of job applicants while work under this Agreement is being performed.
- 31.5 If Contractor obtains actual knowledge that a subcontractor performing work under this Agreement knowingly employs or contracts with an illegal alien, the Contractor shall: (1) notify the subcontractor and the Owner within three days that the Contractor has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and (2) terminate the subcontract with the subcontractor if, within three days of receiving the notice required herein, the subcontractor does not stop employing or contracting with the illegal alien; except that the Contractor shall not terminate the contract with the subcontractor if during such three days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien.
- 31.6. The Contractor shall comply with any reasonable request by the Colorado Department of Labor and Employment made in the course of an investigation that the Department is undertaking pursuant to the authority established in C.R.S. section 8-17.5-101(5).
- 31.7 If Contractor violates a provision of this Illegal Alien Addendum, the Owner may terminate this Agreement for breach of contract. If the Agreement is so terminated, the Contractor shall be liable for actual and consequential damages to the Owner. Contractor understands that, in the event of such a termination, Owner is required to notify the office of the Colorado Secretary of State.

