

City of Santa Fe, New Mexico



**“REQUEST FOR BID”
CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall**

BID # '16/25/B

**BID DUE: February 25, 2016 at 2:00 P.M.
PURCHASING OFFICE
CITY OF SANTA FE
2651 SIRINGO ROAD - BUILDING “H”
SANTA FE, NEW MEXICO 87505**

I, Leroy N. Pacheco, Registered Professional Engineer No. 12333, hereby certify that this manual was prepared by me, or directly under my supervision, and is true and correct to the best of my knowledge and belief.

Leroy N. Pacheco

PE 12333

TABLE OF CONTENTS

CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall

CITY OF SANTA FE, NEW MEXICO

TABLE OF CONTENTS	2
A. BIDDING DOCUMENTS.....	4
A.1. ADVERTISEMENT FOR BIDS	4
A.2. BID SCHEDULE	7
A.3. INFORMATION TO BIDDERS.....	8
A.4. SPECIAL CONDITIONS	20
A.5. BID FORM	22
A.6. INSTRUCTIONS RELATING TO LOCAL PREFERENCE CERTIFICATION FORM.....	24
A.7. LOCAL PREFERENCE CERTIFICATION FORM.....	25
A.8. RESIDENT VETERANS PREFERENCE CERTIFICATION.....	26
A.9. BID SUBMITTAL.....	27
A.10. BID FORM	29
A.11. BID BOND.....	38
A.12. CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY	39
A.13. CERTIFICATION OF NON-SEGREGATED FACILITIES.....	40
A.14. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER	41
A.15. NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR	42
A.16. SUBCONTRACTS	43
A.17. SUBCONTRACTOR LISTING	44
B. CONTRACT DOCUMENTS.....	46
B.1. CONSTRUCTION AGREEMENT	46
B.2. PERFORMANCE BOND	53
B.3. LABOR AND MATERIAL PAYMENT BOND	55
C. CONTRACTUAL SPECIFICATIONS.....	57
C.1. STANDARD SPECIFICATIONS	57
C.2. SPECIAL PROVISIONS FOR MINIMUM WAGE	57
C.3. SPECIAL PROVISIONS FOR SUBMISSION OF WEEKLY PAYROLLS.....	57
C.4. SPECIAL PROVISION FOR APPRENTICES	58
C.5. CITY OF SANTA FE LIVING WAGE ORDINANCE	59
C.6. STATE WAGE DECISION.....	61
D. NOTICE TO CONTRACTORS	66
D.1. CONTRACT TIME	66

D.2.	TRAFFIC CONTROL	67
D.3.	CONCRETE COLOR	68
E.	STANDARD SPECIFICATIONS AND GENERAL CONDITIONS	69
E.1.	STANDARD SPECIFICATIONS	69
E.2.	GENERAL PROVISIONS	71
F.	SPECIAL PROVISIONS	82
F.1.	SECTIONS 303 – 451: WORK INCLUDED IN PAYMENT.....	82
F.2.	SECTIONS 203 – 608: REPLACE 304 BASE COURSE WITH 303 BASE COURSE	83
F.3.	SECTION 201 CLEARING AND GRUBBING	84
F.4.	SECTION 451 PORTLAND CEMENT CONCRETE PAVEMENT (PCCP) (NON-QLA)	85
F.5.	SECTION 702 TRAFFIC CONTROL DEVICES DURING CONSTRUCTION.....	86
F.6.	SECTION 901 QUALITY CONTROL/QUALITY ASSURANCE (QC/QA).....	89
G.	SUPPLEMENTAL SPECIFICATIONS.....	93
G.1.	521999 - CEMENT MORTAR AND GROUT	94
G.2.	667004-A – TREE PROTECTION AND TRIMMING	96
G.3.	667004-B – SITE FURNISHINGS	100
G.4.	667004-C - PLANTING	101
G.5.	667004-D – NATIVE GRASS SEEDING	108
G.6.	667300 – CONCRETE BLOCK MASONRY STRUCTURES – SPLIT / FLUTED FACE	113
G.7.	667301 – UPGRADE SPLIT/FLUTE FACE CMU TO POLISHED/BURNISHED FACE	115
G.8.	720010 – TRAFFIC CONTROL COMPLETE	116

A. BIDDING DOCUMENTS

**A.1. ADVERTISEMENT FOR BIDS
BID NO. '16/25/B**

Bids will be received by the City of Santa Fe and will be delivered to City of Santa Fe, Purchasing Office, 2651 Siringo Road, Bldg. "H", Santa Fe, New Mexico 87505 **until 2:00 P.M. local prevailing time, February 25, 2016.** Any bid received after this deadline will not be considered. This bid is for the purpose of procuring:

CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall

The bidder's attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over said item shall apply to the bid throughout, and they will be deemed to be included in the bid document the same as though herein written out in full.

The City of Santa Fe is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, or national origin. The successful bidder will be required to conform to the Equal Opportunity Employment regulations.

Bids may be held for sixty (60) days subject to action by the city. The city reserves the right to reject any or all bids in part or in whole. Bid packets are available by contacting: Shirley Rodriguez, City of Santa Fe, Purchasing Office, 2651 Siringo Road, Bldg. "H" Santa Fe, New Mexico 87505, (505) 955-5711.

ATTEST:



Robert Rodarte, Purchasing Officer

Received by the Santa Fe New Mexican on: 01/26/16

To be published on: 02/01/16

Received by the Albuquerque Journal on: 01/25/16

To be published on: 02/01/16

Contract documents may be reviewed at the Engineering Division of the City and at the following plan rooms:

Builders News & Plan Room

3435 Princeton Dr. NE

Albuquerque, NM 87107

<http://buildersplanroom.com.lobo.com/>

Email: buildersnews@live.com

Construction Reporter

1609 2nd Street, NW

Albuquerque, NM 87102-1446

Email: jane@constructionreporter.com

McGraw-Hill Dodge/Plans

<http://dodge.construction.com/plans/>

Email: nancy_mckeehan@mcgraw-hill.com

Colorado Plan Room

coloradoplanroom@isqft.com

OBTAINING CONTRACT DOCUMENTS: Plan drawings, specifications and contract documents may be obtained online, or by requesting a copy at the following address:

City of Santa Fe
Roadway & Trails Engineering Division
City of Santa Fe Market Station Offices
500 Market Street, Suite 200
Santa Fe, New Mexico 87501
505-955-6631

Each bidder must conform to the conditions specified in the section entitled "Information to Bidders".

BID GUARANTEE: Each bid shall be accompanied by an acceptable form of Bid Guarantee in an amount equal to at least five percent (5%) of the amount of the bid payable to the City of Santa Fe as a guarantee that if the bid is accepted, the Bidder will execute the Contract and file acceptable Performance and Labor and Material Payment Bonds within ten (10) days after the award of the Contract.

The bid shall also include a signed "Certificate of Bidder Regarding Equal Employment Opportunity", "Certificate of Non-Segregated Facilities", a signed "Non-Collusion Affidavit of Prime Bidder", "Subcontractor Listing", and "Acknowledgement for Receipt of Addenda". The successful bidder shall, upon notice of award of contract, secure from each of his/her subcontractors a signed "Non-Collusion Affidavit of Subcontractor". Bidders must possess an applicable license to perform the work under this contract, provided for in the New Mexico Construction Industries Rules and Regulations.

The Bidding Documents contain a time for completion of the work by the successful bidder and further imposes liquidated damages for failure to comply with that time.

Performance Bond and Labor & Material Payment Bond, each 100% of the Contract sum, will be required of the successful bidder entering into the construction contract.

Bids will be held for sixty (60) days subject to action by the City.

OWNERS RIGHTS RESERVED: The City of Santa Fe, herein called the City, reserves the right to reject any or all bids and to waive any formality or technicality in any bid in the best interest of the City.

PRE-BID CONFERENCE: A pre-bid conference will be held for this project on **02/11/2016**, at 2:00 PM, in the Roundhouse conference room at the Market Station Offices of the City of Santa Fe at 500 Market Street, Suite 200.

The work to be performed with this project consists of furnishing all equipment, labor, and materials for the **CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall**, in accordance with the drawings, specifications, and other contract documents.

The project is subject to New Mexico Department of Workforce Solutions, Public Works Bureau (formerly NM Dept. of Labor, Labor and Industrial Division) A Wage Rate Decision No. SF-15-1813 A will be supplied by the project manager **for each assigned task** that exceeds sixty thousand dollars (\$60,000).

EQUAL OPPORTUNITY IN EMPLOYMENT: All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, or national origin. Bidders on this work will be required to comply with the Presidents Executive Order No. 11246 as amended.

**A.2. BID SCHEDULE
BID # '16/25/B**

1. ADVERTISEMENT February 1, 2016
2. ISSUANCE OF BIDS February 1, 2016
- 3.
4. PRE-BID CONFERENCE: February 11, 2016 at 2:00 P.M.,
Roundhouse Conference Room at the
Market Station Offices of the City of
Santa Fe at 500 Market Street, Suite
200, Santa Fe, New Mexico 87501

4. RECEIPT OF BID: February 25, /2016 2:00 P.M., local
prevailing time. Purchasing Office 2651
Siringo Road Bldg., "H" Santa Fe, New
Mexico 87505, (505) 955-5711

5. RECOMMENDATION OF AWARD
TO PUBLIC WORKS COMMITTEE: March 7, 2016
6. RECOMMENDATION OF AWARD
TO FINANCE COMMITTEE: March 14, /2016
7. RECOMMENDATION OF AWARD
TO CITY COUNCIL: March 30, 2016
8. NOTICE TO PROCEED: April 11, 2016

DATES OF CONSIDERATION BY FINANCE COMMITTEE AND CITY COUNCIL ARE TENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE.

A.3. INFORMATION TO BIDDERS

Bids are requested by City of Santa Fe for **CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall** in accordance with contract documents supplied by the City of Santa Fe, Public Works Department.

1. LOCATION AND DESCRIPTION OF WORK: The work under this contract is located in or adjacent to the City of Santa Fe, New Mexico. The work consists of furnishing all equipment, labor, and materials for construction of the Arroyo de los Chamisos Trail Extension at Santa Fe Place Mall.
2. SPECIFICATIONS AND CONTRACT DOCUMENTS
 - a. SPECIFICATIONS: The construction of this project will be in accordance with the NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION 2014 Edition (NMDOT SSHBC).
 - b. PLANS AND CONTRACT DOCUMENT DEPOSIT: No monetary deposit for plans and contract documents is required as stated in the "Advertisement for Bids". Upon application by a prospective bidder, one set of plan drawings, specifications, and contract documents will be provided upon the condition that all such documents will be returned to the City of Santa Fe Roadway & Trails Engineering Division complete and in good condition within ten (10) business days after the date of bid opening. An additional four (4) sets of bidding documents will be furnished to the successful bidder at no additional charge. Any additional sets requested will be issued to the successful bidder by the Engineer at the cost of reproduction.
3. DEFINED TERMS: Terms used in these Instructions to Bidders have the meanings assigned to them in Section 101 of the NMDOT (or SSHBC) Standard Specifications as modified.
4. EXAMINATION OF BIDDING DOCUMENTS AND SITE: Before submitting his/her bid, each bidder must (a) examine the bidding documents thoroughly, (b) visit the project site(s) to familiarize himself/herself with local conditions that may in any manner affect performance of the work, (c) familiarize himself/herself with federal, state and local laws, ordinances, rules and regulations affecting performance of the work; and (d) carefully correlate his/her observations with the requirements of the contract documents. The submission of a Bid constitutes representation by Bidder that Bidder has complied with every requirement of this section and that the contract documents are sufficient in scope to indicate and convey understanding of all terms and conditions for performance of the work.

5. THE COMPLETE CONTRACT DOCUMENTS CONTAIN THE FOLLOWING:
Everything that is bound herein, project plans and any standard specifications referenced herein.
6. INTERPRETATIONS:
7. BID SECURITY: Bid security in the amount of 5% of the amount of the bid shall accompany the bid submittal and must be in the form of a certified or bank cashier's check made payable to the City or a bid bond issued by a surety licensed to conduct business in the State of New Mexico, or other supplies in a form satisfactory to the City. The Bid Security of the successful bidder will be retained until he/she has executed the Construction Agreement and furnished the required Contract Security, whereupon it will be returned. If he/she fails to execute and deliver the Construction Agreement and furnish the required Contract Security within 10 days of the Notice of Award, the City may annul the Notice of Award and the Bid Security of that bidder will be forfeited. The Bid Security of any bidder whom the City believes to have a reasonable chance of receiving the award may be retained by the City until either the seventh day after the executed Construction Agreement is delivered by the City to Contractor and the required Contract Security is furnished or the sixty-first day after the bid opening, whichever is earlier. Bid security of other bidders will be returned within thirty days of the bid opening, or sooner.
8. CONTRACT TIME: The number of days for the completion of work (the contract time) is set forth in the Bid Form and will be included in the executed Construction Agreement.
9. SUBCONTRACTORS, SUPPLIERS AND OTHERS:
 - a) The Contractor, in the bid documents, must identify in writing to the City those portions of the work that he/she proposes to subcontract and after the Notice of Award, may only subcontract other portions of the work with the City's written consent.
 - b) Registration with the New Mexico Department of Workforce Solutions, Public Works Bureau (formerly NM Dept. of Labor, Labor and Industrial Division). A contractor or subcontractor that submits a bid valued at more than sixty thousand dollars (\$60,000) for a city project that is subject to the Public Works Minimum Wage Act (13-4-10 NMSA 1978) shall be registered with the New Mexico Department of Workforce Solutions, Public Works Bureau. The registration number shall be provided in the bid submitted for the contractor in the space provided and for subcontractors with work proposed over \$60,000 on the subcontractor form. After the bid opening, the registration number(s) will be verified by the City and the bid will be determined to be non-responsive and disqualified if the registration number(s) appear to be not valid and the contractor does not provide proof of the required registration for itself or its subcontractors with work proposed over sixty thousand dollars (\$60,000). It is

the responsibility of the contractor and the subcontractors to ensure the registration is completed prior to the bid opening.

- c) Contractor will not be required to employ any other subcontractor, other person or organization against whom he/she has reasonable objection.
- d) The Contractor shall list all subcontractor names, addresses, and type of work to be performed.
- e) The threshold amount for this project is \$5,000. The General contractor must list all subcontractors who will perform work in excess of this threshold. Only one sub-contractor may be listed for each category as defined by the contractor. The Subcontractor Fair Practice Act (13-4-31 thru 14-3-43 NMSA 1988) shall apply.
- f) EXEMPTION: In accordance with the "SUBCONTRACTOR'S FAIR PRACTICES ACT", Section 13-4-35, the Contractor shall not be required to submit a Subcontractor's Listing form with the bid for contracts for construction, improvement or repair of streets or highways, including bridges, underground utilities within easements, including but not limited to waterlines, sewer lines and storm sewer lines. The SUBCONTRACTOR'S FAIR PRACTICES ACT shall apply, however, to that portion of contracts for construction, improvement, or repair of streets or highways which covers street lighting and traffic signals.
- g) The bidder shall list the subcontractor or material suppliers he/she proposes to use for all trades or items on the Subcontractor Listing Form attached to the Bidding Documents. If awarded the contract, the Bidder shall use the firm listed, or himself/herself if "General Contractor" has been listed, unless a request for a change or substitution is approved by the Owner of any reason as outlined herein.
- h) For subcontract work involving the provision of "SUBCONTRACTOR'S FAIR PRACTICES ACT 13-4-31...43 NMSA 1978." summarized as follows, shall apply:
 - h.1. The subcontractor fails or refuses to execute a contract due to bankruptcy or insolvency;
 - h.2. The subcontractor fails or refuses to perform;
 - h.3. The contractor demonstrates to the City that the listed subcontractor was due to an inadvertent clerical error;
 - h.4. Acceptance of an alternate by the City causes the original subcontractor's bid not to be low;

- h.5. The contractor can substantiate to the City that a subcontractor's bid is incomplete; or
- h.6. The subcontractor fails or refuses to meet bond requirements of the contractor.
- h.7. Prior to approval of the contractor's request for substitution, the City shall give notice to the listed subcontractor by certified mail. The subcontractor shall have five working days to submit written objections to the City. Failure to respond shall constitute subcontractor's consent to the substitution. If written objections are received, the City shall give five working days' notice of a hearing.
- h.8. No other substitution of subcontractors may be permitted by the contractor, other than for requested change orders in the scope of the work or unless the contractor can show that no bids were received.
- h.9. It shall be the responsibility of the subcontractor to be prepared to submit performance or payment bonds if requested by the contractor. If the subcontractor does not furnish such requested bonding, the contractor may substitute another subcontractor, as per the provisions of item 1 above. (The requirement of such bonding must be included in the contractor's written or published request for subcontract bids.)
- h.10. If the contractor does not specify a subcontractor, he/she represents that he/she shall perform the work.
- h.11. If the contractor is claiming an inadvertent clerical error, notice shall be given to the City and to the involved subcontractor within two working days of the bid opening. The subcontractor shall have six working days from the bid opening to submit written objections. Failure to respond shall constitute subcontractor's agreement that an error was made.
- h.12. If determined to be an emergency, upon written finding, subcontracting may be permitted although not originally designated in the bid.
- h.13. By State statute, violation of this act may allow the City to cancel the contract or assess the contractor a penalty up to 10% of the subcontract involved, but in no case less than the difference between the amount of the listed subcontractor and the subcontractor used. The contractor shall be entitled to a hearing after receiving a notice of intent to assess a penalty.
- h.14. If a hearing is held, the dispute shall be stated in writing and the City shall evaluate the issues of both sides and render a determination within 10 days of the hearing and provide the parties with a written copy of the decision by certified mail. The City may also refer the matter to arbitration.
- h.15. A Contractor may not substitute any subcontract or any subcontractor listed, unless the City approves the substitution based on the following situations:
- h.16. The subcontractor fails or refuses to execute a contract due to bankruptcy or insolvency;

- h.17. The subcontractor fails or refuses to perform;
- h.18. The contractor demonstrates to the City that the listed subcontractor was due to an inadvertent clerical error;
- h.19. Acceptance of an alternate by the City causes the original subcontractor's bid not to be low;
- h.20. The contractor can substantiate to the City that a subcontractor's bid is incomplete; or
- h.21. The subcontractor fails or refuses to meet bond requirements of the contractor.
- h.22. Prior to approval of the contractor's request for substitution, the City shall give notice to the listed subcontractor by certified mail. The subcontractor shall have five working days to submit written objections to the City. Failure to respond shall constitute subcontractor's consent to the substitution. If written objections are received, the City shall give five working days' notice of a hearing.
- h.23. No other substitution of subcontractors may be permitted by the contractor, other than for requested change orders in the scope of the work or unless the contractor can show that no bids were received.
- h.24. It shall be the responsibility of the subcontractor to be prepared to submit performance or payment bonds if requested by the contractor. If the subcontractor does not furnish such requested bonding, the contractor may substitute another subcontractor, as per the provisions of item 1 above. (The requirement of such bonding must be included in the contractor's written or published request for subcontract bids.)
- h.25. If the contractor does not specify a subcontractor, he/she represents that he/she shall perform the work.
- h.26. If the contractor is claiming an inadvertent clerical error, notice shall be given to the City and to the involved subcontractor within two working days of the bid opening. The subcontractor shall have six working days from the bid opening to submit written objections. Failure to respond shall constitute subcontractor's agreement that an error was made.
- h.27. If determined to be an emergency, upon written finding, subcontracting may be permitted although not originally designated in the bid.
- h.28. By State statute, violation of this act may allow the City to cancel the contract or assess the contractor a penalty up to 10% of the subcontract involved, but in no case less than the difference between the amount of the listed subcontractor and the subcontractor used. The contractor shall be entitled to a hearing after receiving a notice of intent to assess a penalty.

h.29. If a hearing is held, the dispute shall be stated in writing and the City shall evaluate the issues of both sides and render a determination within 10 days of the hearing and provide the parties with a written copy of the decision by certified mail. The City may also refer the matter to arbitration.

- i) **QUALIFICATION OF BIDS:** All bidders must have a valid New Mexico Contractor's License appropriate to the work herein specified.
- j) **SUBMISSION OF BIDS:** Bids shall be submitted at the time and place indicated in the Advertisement for Bids and shall be enclosed in an opaque sealed envelope, marked with the project title, name and address of the bidder, N.M. License Number, and accompanied by the Bid Security, list of subcontractors and other required documents. The bid submittal shall not be detached from the bound set of bidding documents. All blanks must be filled in. Conditional bids will not be considered. The envelope shall be addressed to:

**Purchasing Office
2651 Siringo Road, Bldg. H
Santa Fe, New Mexico 87505**

1. **RECEIPT AND OPENING OF BIDS**

The City of Santa Fe (herein called "City"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the City Purchasing Office until **2:00 P.M. local prevailing time, February 10, 2016**. At this time the City Purchasing Director will publicly open and read bid(s) aloud.

Two bids shall be submitted in a sealed envelope, addressed to the Purchasing Office, City of Santa Fe, 2651 Siringo Road, Bldg. "H" Santa Fe, New Mexico 87505. No late bids will be accepted whether hand delivered, mailed or special delivery. Do not rely on "overnight delivery" without including some lead-time. "Overnight delivery" will be determined to be non-responsive if delivered late, no matter whose fault it was. It is recommended that extra days be included in the anticipated delivery date to ensure delivery is timely. The Purchasing Office is closed 12:00 p.m. to 1:00 p.m. The outside of the envelope should clearly indicate the following information:

Bid number: **'16/25/B**
Title of the bid: **CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall**

Name and address of the bidder:

The Owner may consider informal any bids not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof.

2. **PREPARATION OF BID**

All blank spaces for bid prices must be filled in, ink or type written. If the bid is forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form. No alternate bids will be considered unless pre-approved (5) five days prior to the bid opening date by Robert Rodarte, Purchasing Officer.

3. **BID SECURITY**

None required.

4. **LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO CONTRACT**

Should the Contractor neglect, refuse, or otherwise fail to complete the work within the Contract Time for Physical Completion or any extension in the Contract thereof, the Contractor agrees to pay the Owner the amount of Five Hundred Dollars (\$500.00) per consecutive calendar day that passes until Physical Completion and acceptance or until voided pursuant to the provisions of the General Conditions of the Contract, not as a penalty, but as liquidated damages for such breach of the Contract.

5. **ADDENDA AND INTERPRETATIONS**

No oral interpretations of the meaning of the specifications or other pre-bid documents will be binding. Oral communications are permitted in order to make an assessment of need for an addendum. **ANY QUESTIONS CONCERNING THE BID SHOULD BE ADDRESSED PRIOR TO BID OPENING DATE.**

Every request for such interpretations should be in writing addressed to Robert Rodarte, Purchasing Officer, 2651 Siringo Road, Bldg. H, Santa Fe, New Mexico 87505 and to be given consideration must be received at least (5) five days prior to the date fixed for the opening of bids.

Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be delivered to all prospective bidders not later than three days prior to the date fixed for the opening of the bids. Failure of any bidder to receive any such addendum or interpretations shall not relieve such bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents.

The City reserves the right to not comply with these time frames if a critical addendum is required or if the proposal deadline needs to be extended due to a critical reason in the best interest of the City of Santa Fe.

6. **POWER OF ATTORNEY**

Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

7. **LAWS AND REGULATIONS**

The bidders attention is directed to the fact that all applicable Federal Laws, State Laws, Municipal Ordinances, and the rules and regulations of all authorities having jurisdiction over said item shall apply to the bid throughout, and they will be deemed to be included in the bid document the same as though herein written out in full. In particular, bidder is notified that criminal laws shall apply prohibiting bribes, gratuity, and kick-backs.

8. **METHOD OF AWARD**

The award of the purchase agreement will be made to the bidder who meets or exceeds all specifications and provides the lowest total base bid amount. However, delivery date, availability of stock, and complete analysis and comparison of specification details along with past experience of the City of Santa Fe with similar or related units, will be weighed in making a final decision of award.

If a bid item has been discontinued substitutions may be made only with the approval of the Purchasing Officer, Robert Rodarte.

No important deviation from the terms of this specification is acceptable. It is understood and agreed that the City of Santa Fe reserves the right to reject any and all bids, as authorized by law, and to award to other than the lowest bidder at its discretion, provided that it is in the best interest of the City of Santa Fe, if the CITY PURCHASING MANUAL and pertinent State Statutes are thereby served.

9. **PUBLIC INFORMATION**

All portions of the bid submittals will become public information. Proprietary information may be marked confidential; however, the City Purchasing Officer will make the final determination as to whether the portion of the bid is legitimately confidential information. Sections to be confidential should be clearly marked as such and readily separable from rest of the bid. In no case will a request for the entire bid to be confidential be considered.

10. **BRAND NAMES**

All brand names specified in this bid are to imply "or equal". Bidder should include enough information with the bid submitted so this determination can be made. The determination of the Purchasing Officer will make the final determination as to whether the portion of the bid is legitimately confidential information. Sections to be confidential should be clearly marked as such and readily separable from rest of the bid. In no case will a request for the entire bid to be confidential be considered.

11. **TAX EXEMPT**

The City of Santa Fe is tax exempt for state gross receipts taxes for the procurement of tangible personal property, but not for labor or services. A tax-exempt certificate will be issued upon written request to the Purchasing Office.

12. **COMPLIANCE WITH CITY'S MINIMUM WAGE RATE ORDINANCE (LIVING WAGE ORDINANCE)**

A copy of the City of Santa Fe Ordinance No. 28-1.12, passed by the Santa Fe City Council on March 1, 2015 is attached. The proponent or bidder will be required to submit the proposal or bid such that it complies with the ordinance to the extent applicable. The recommended Contractor will be required to comply with the ordinance to the extent applicable, as well as any subsequent changes to the Ordinance throughout the term of this contract.

13. **RESIDENT and LOCAL PREFERENCE**

INTENT and POLICY

The city recognizes that the intent of the state resident preference statute is to give New Mexico businesses and contractors an advantage over those businesses, manufacturers and contractors from outside the State of New Mexico. The underlying policy is to give a preference to those persons and companies who contribute to the economy of the State of New Mexico by maintaining businesses and other facilities within the state and giving employment to residents of the state (1969 OP. Att'y Gen. No. 69-42). The city also has adopted a policy to include a local preference to those persons and companies who contribute to the economy of the County of Santa Fe by maintaining businesses and other facilities within the county and giving employment to residents of the county.

APPLICATION-IN STATE AND OUT OF STATE BIDDERS

With acknowledgement of this intent and policy, the preference will only be applied when bids are received from in-state and county businesses, manufacturers, and contractors that are within 5% of low bids received from out-of-state businesses, manufacturers, and contractors (13-1-21 (A) –1-21 (F) and 13-4-2 (C) NMSA 1978).

To be considered a resident for application of the preference, the in-state bidder must have included a valid state purchasing certification number with the submitted bid.

Thus it is recommended that in-state bidders obtain a state purchasing certification number and use it on all bids, in order to have the preference applied to their advantage, in the event an out-of-state bid is submitted. In submitting a bid, it should never be assumed that an out-of-state bid will not be submitted.

For information on obtaining a state purchasing certification number, the potential bidder should contact the State of New Mexico Taxation and Revenue.

All resident preferences shall be verified through the State Purchasing Office. Applications for resident preference not confirmed by the State Purchasing Office will

be rejected. The certification must be under the bidder's business name submitting the bid.

NON-APPLICATION-COMPETING IN-STATE BIDDERS

If the lowest responsive bid and the next responsive bid is within 5% of the lowest bid and are from the state of New Mexico, then the resident preference will not be applied and the state purchasing certification number will not be considered. To be considered an in-state bidder in this situation, the bidders must meet the definition criteria of Chapter 13-1-21 (A) (1) and Chapter 13-4-2 (A) NMSA 1978. After examining the information included in the bid submitted, the City Purchasing Officer may seek additional information of proof to verify that the business is a valid New Mexico Business. If it is determined by the City Purchasing Officer that the information is not factual and the low responsive bid is actually an out-of-state bidder and not a New Mexico business, then the procedures in the previous section may be applied.

If the bidder has met the above criteria, the low responsive "resident" bid shall be multiplied by .95. If that amount is then lower than the low responsive bid of a "non-resident" bidder, the award will be based taking into consideration the resident preference of 5%.

APPLICATION FOR LOCAL PREFERENCE

Principal Office and location must be stated: To qualify for the local preference, the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address, or such. DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.

The PREFERENCE FACTOR for resident and local preferences applied to bids shall be .95 for resident and .90 for local. The local preference for proposals shall be 1.10.

New Mexico Resident Veteran Business Preference: New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a "resident veteran business". Certification by the NM Department of Taxation and Revenue for the resident veteran business requires the Offeror to provide evidence of annual revenue and other evidence of veteran status.

An Offeror who wants the veteran business preference to be applied to its proposal is required to submit with its proposal the certification from the NM Department of Taxation and Revenue and the sworn affidavit attached hereto as Appendix E.

If an Offeror submits with its proposal, a copy of a valid and current veteran resident business certificate, 7%, 8%, or 10% of the total weight of all the evaluation factors used in the evaluation of proposal may be awarded.

The local preference or resident business preference is not cumulative with the resident veteran business preference.

Bids for Goods and Services. When bids for the purchase of goods or services pursuant to Section 22 are received, the lowest responsive bid received from those bidders in the first category listed below shall be multiplied by the Preference Factor. If the resulting price of that bid receiving the preference is lower than or equal to the lowest bid of all bids received, the contract shall be awarded to that bidder receiving the preference. If no bids are received from bidders in the first category, or if the bid receiving the preference does not qualify for an award after multiplication by the Preference Factor, the same procedure shall be followed with respect to the next category of bidders listed to determine if the bid qualifies for award. The priority of categories of bidders is:

Local business.

Resident business.

Proposals for Goods and Services. When proposals for the purchase of goods or services pursuant to Section 23 are received, the evaluation score of the proposal receiving the highest score of all proposals from those proponents in the first category listed above shall be multiplied by the Preference Factor. If the resulting score of that proposal receiving the preference is higher than or equal to the highest score of all proposals received, the contract shall be recommended to that proponent receiving the preference. If no proposals are received from proponents in the first category, or if the proposal receiving the preference does not qualify for an award after multiplication by the Preference Factor, the same procedure shall be followed with respect to the next category of proposals listed to determine if a proponent qualifies for award.

Qualifications for Resident Preference. No resident business or manufacturer, as defined, shall be given any preference in the awarding of contracts for furnishing goods or services to the city, unless it shall have qualified with the State Purchasing Agent as a resident business or manufacturer and obtained a certification number as provided in Section 13-1-22 NMSA 1978. The certification number must be submitted with its bid for an offeror to qualify for this preference. The Central Purchasing Office shall determine if a resident preference is applicable to a particular offer on a case by case basis.

Qualifications for Local Preference. The Central Purchasing Office shall have available a form to be completed by all bidders/proponents who desire to apply for the local preference as a local business. The completed form with the information certified by the offeror must be submitted by the bidders/proponents with their bid or proposal to qualify for this preference.

Limitation. No offeror shall receive more than a 5% for resident and 10% for local preference pursuant to this section on any one offer submitted. A bidder may not claim cumulative preferences.

Application. This section shall not apply to any purchase of goods or services when the expenditure of federal and/or state funds designated for a specific purchase is involved and the award requirements of the funding prohibit resident and/or local preference(s). This shall be determined in writing by the department with the grant requirements attached to the Purchasing Office before the bid or request for proposals is issued.

Exception. The City Council at their discretion can approve waiving the Local Preference requirements for specific projects or on a case by case basis if it is the City's best interest to do so.

New Mexico Resident Preference Number (if applicable) _____

A.4. SPECIAL CONDITIONS

1. **GENERAL**

When the City's Purchasing Officer issues a purchase order document in response to the vendor's bid, a binding contract is created.

2. **ASSIGNMENT**

Neither the order, nor any interest therein, nor claim under, shall be assigned or transferred by the vendor, except as expressly authorized in writing by the City Purchasing Officer's Office. No such consent shall relieve the vendor from its obligations and liabilities under this order.

3. **VARIATION IN SCOPE OF WORK**

No increase in the scope of work of services or equipment after award will be accepted, unless means were provided for within the contract documents. Decreases in the scope of work of services or equipment can be made upon request by the city or if such variation has been caused by documented conditions beyond the vendor's control, and then only to the extent, as specified elsewhere in the contract documents.

4. **DISCOUNTS**

Any applicable discounts should be included in computing the bid submitted. Every effort will be made to process payments within 30 days of satisfactory receipt of goods or services. The City Purchasing Officer shall be the final determination of satisfactory receipt of goods or services.

5. **TAXES**

The price shall include all taxes applicable. The city is exempt from gross receipts tax on tangible personal property. A tax-exempt certificate will be issued upon written request.

6. **INVOICING**

(A) The vendor's invoice shall be submitted in duplicate and shall contain the following information: invoice number and date, description of the supplies or services, quantities, unit prices and extended totals. Separate invoices shall be submitted for each and every complete order.

(B) Invoice must be submitted to ACCOUNTS PAYABLE and NOT THE CITY PURCHASING AGENT.

7. **METHOD OF PAYMENT**

Every effort will be made to process payments within 30 days of receipt of a detailed invoice and proof of delivery and acceptance of the products hereby contracted or as otherwise specified in the compensation portion of the contract documents.

8. **DEFAULT**

The city reserves the right to cancel all or any part of this order without cost to the city if the vendor fails to meet the provisions for this order, and except as otherwise provided herein, to hold the vendor liable for any excess cost occasioned by the city due to the vendor's default. The vendor shall not be liable for any excess cost if failure to perform the order arises out of causes beyond the control and with the fault or negligence of the Vendor and these causes have been made known to the City of Santa Fe in written form within five working days of the vendor becoming aware of a cause which may create any delay; such causes include, but are not limited to, acts of God or the public enemy, acts of the State or of the Federal Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather and defaults of sub-contractors due to any of the above unless the city shall determine that the suppliers or services to be furnished by the sub-contractor are obtainable from other sources in sufficient time to permit the vendor to meet the required delivery schedule. The rights and remedies of the city are not limited to those provided for in this paragraph and are in addition to any other rights provided for by law.

9. **NON-DISCRIMINATION**

By signing this City of Santa Fe bid or proposal, the vendor agrees to comply with the Presidents Executive Order No. 11246 as amended.

10. **NON-COLLUSION**

In signing this bid or proposal, the vendor certifies he has not, either directly or indirectly, entered into action in restraint of full competition in connection with this bid or proposal submittal to the City of Santa Fe.

A.5. BID FORM
BID # '16/25/B

EXCEPTIONS TO SPECIFICATIONS

Bidder is required to return **two (2) complete copies** of these specifications, completely furnishing all information requested. All requested information, data, literature, drawings, etc. must be included with the bid submitted.

Bidder must check one of the following:

- a. All specifications, terms and conditions are met.
- b. Exceptions have been taken and noted on attached sheet (s).

All variations and/or exceptions to the specifications must be documented, referencing applicable paragraph (s) and explained in detail. Attach as many pages as necessary. If no exceptions are taken, it will be assumed that the bid meets all specifications and terms and conditions as stated in this complete bid package. Failure to list exceptions may disqualify bid. Delivery of non-conforming goods is at the expense of the bidder and/or other penalties.

All other specifications not detailed herein shall be as listed in the manufacturer's printed literature for the current standard model. Manufacturer's printed literature and specifications sheets shall be submitted with the bid.

Exceptions will not necessarily eliminate the bid. City staff shall determine acceptance or non-acceptance of exceptions. Unless otherwise noted and approved, it is assumed that delivery of the unit shall be as stated.

Signed submission of this bid represents that the bidder has accepted all terms, conditions and requirements of the bid unless a written exception is made and, if awarded, the bid will represent the agreement between the parties. Additionally, by signing this bid, the bidder warrants that there was no collusion of any kind in submission of this bid.

WARRANTIES

Warranty required for material and workmanship for minimum of two year unless otherwise stated in the bid. Warranties shall begin when the City accepts satisfactory completion of project. The warranty contract shall be solely with the bidder and the bidder shall be responsible for ensuring all warranty work is satisfactorily completed on any component of the unit. All details of warranties shall be included with the bid.

State name, address and phone number of nearest authorized maintenance representative:

DELIVERY

Bids shall include all costs of delivery to the City of Santa Fe, the specific location to be as designated by City staff. Unit shall be completely operational and ready for use.

Date of delivery after notice to proceed:

30 Weather Working Days

Bidder SHALL INCLUDE descriptive material such as plans, drawings, photographs, diagrams, illustrations, written descriptions and manufacturer's literature with specifications with the bid. Additional information or details may be required after the bid opening. Bids may be disqualified if such information is not adequate to make a reasonably informed decision as to qualify, design, capabilities, etc.

The City reserves the right to alter quantities based on availability of budget. If this will alter the bid amount, the bidder must note the percent increase for lesser quantities.

BIDDER'S:

Firm

Address

Authorized Signature

Print Name

Position

Phone Number

Fax Number

DATE

N.M. RESIDENT PREFERENCE NUMBER (if applicable): _____
TWO COMPLETE COPIES OF THE BID SUBMITTAL IS REQUIRED

A.6. INSTRUCTIONS RELATING TO LOCAL PREFERENCE CERTIFICATION FORM

1. **All information must be provided.** A 10% local preference may be available for this procurement. To qualify for this preference, an offeror **must** complete and submit **the local preference certification form with its offer**. If an offer is received without the form attached, completed, notarized, and signed or if the form is received without the required information, the preference will not be applied. **The local preference form or a corrected form will not be accepted after the deadline for receipt of bids or proposals.**
2. **Local Preference precedence over State Preference:** The Local Preference takes precedence over the State Resident Preference and only one such preference will be applied to any one bid or proposal. If it is determined that the local preference applies to one or more offerors in any solicitation, the State Resident Preference will not be applied to any offers.
3. **Principal Office and location must be stated:** To qualify for the local preference, the principal place of business of the enterprise must be physically located within the Santa Fe County Geographic Boundaries. The business location inserted on the Form must be a physical location, street address or such. **DO NOT use a post office box or other postal address. Principal place of business must have been established no less than six months preceding application for certification.**
4. **Subcontractors do not qualify:** Only the business, or if joint venture, one of the parties of the joint venture, which will actually be performing the services or providing the goods solicited by this request and will be responsible under any resulting contract will qualify for this preference. A subcontractor may not qualify on behalf of a prime contractor.
5. **Definition:** The following definition applies to this preference.

A local business is an entity with its Principal office and place of business located in Santa Fe County.

A Principal office is defined as: The main or home office of the business as identified in tax returns, business licenses and other official business documents. A Principal office is the primary location where the business conducts its daily operations, for the general public, if applicable. A temporary location or movable property, or one that is established to oversee a City of Santa Fe project does not qualify as a Principal office.

Additional Documentation: If requested a business will be required to provide, within 3 working days of the request, documentation to substantiate the information provided on the form. Any business which must be registered under state law must be able to show that it is a business entity in good standing if so requested.

A.7. LOCAL PREFERENCE CERTIFICATION FORM

RFP/RFB NO: _____

Business Name: _____

Principal Office: _____
Street Address City State Zip Code

City of Santa Fe Business License # _____ (Attach Copy to this Form)

Date Principal Office was established: _____ (Established date must be six months before date of Publication of this RFP or RFB).

CERTIFICATION

I hereby certify that the business set out above is the principal Offeror submitting this offer or is one of the principal Offerors jointly submitting this offer (e.g. as a partnership, joint venture). I hereby certify that the information which I have provided on this Form is true and correct, that I am authorized to sign on behalf of the business set out above and, if requested by the City of Santa Fe, will provide within 3 working days of receipt of notice, the necessary documents to substantiate the information provided on this Form.

Signature of Authorized Individual: _____

Printed Name: _____

Title: _____ Date: _____

Subscribed and sworn before me by _____ this _____, day of _____

My commission expires _____
Notary Public

SEAL

YOU MUST RETURN THIS FORM WITH YOUR OFFER

A.8. RESIDENT VETERANS PREFERENCE CERTIFICATION

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

Please check one box only:

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.

I understand that knowingly giving false or misleading information on this report constitutes a crime.

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)*

(Date)

*Must be an authorized signatory of the Business.

The representation made by checking the above boxes constitutes a material representation by the business. If the statements are proven to be incorrect, this may result in denial of an award or un-award of the procurement.

SIGNED AND SEALED THIS _____ DAY OF _____, 2016.

NOTARY PUBLIC

My Commission Expires:

A.9. BID SUBMITTAL

NAME _____

ADDRESS _____

To the City of Santa Fe, State of New Mexico, and Owner:

The undersigned proposes to furnish and deliver all the material and labor, and to do all the work required in the construction of the **CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/25/B**, City of Santa Fe, in Santa Fe County, State of New Mexico, according to the plans and specifications therefore and at the prices named and shown on the Bid Form.

The undersigned declares that the only person or parties interested in the bid submittal as principals are those named herein; that the bid submittal is made without collusion with any person, firm or corporation; that he/she has carefully examined the specifications, including special provisions, if any, and that he/she has made a personal examination of the site of the work, that he/she is to furnish all the necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials specified in the manner and the time prescribed; that he/she understands that the quantities are approximate only and subject to increase or decrease, and that he/she is willing to perform any increased or decreased quantities of work at unit price bid.

The undersigned hereby agrees to execute and deliver the Construction Agreement and required bonds within ten (10) days, or such further time as may be allowed in writing by the City of Santa Fe after receiving notification of the acceptance of this bid submittal, and it is hereby mutually understood and agreed that in case we do not, we forfeit the accompanying check or bid bond to the City of Santa Fe as liquidated damages, and the said City of Santa Fe may proceed to award the contract to others.

We hereby agree to commence the work within ten (10) days, or such further time as may be allowed in writing by the City of Santa Fe after notification to proceed, and to complete all the work within the time allowed by the construction agreement.

Substantial completion of the work shall mean complete and ready for acceptance and use of all work related to the trail improvements described in the contract documents.

The undersigned proposes to furnish Labor and Material Payment Bond and Performance Bond in the amount of 100% of the Contract amount each as surety conditioned for the full complete and faithful performance of this contract, and to indemnify and save harmless the City of Santa Fe from any damage or loss of which the City of Santa Fe may become liable by the default of said Contractor, or by reason of any neglect or carelessness on the part of said Contractor, his/her agents or

employees, or by or on account of any act or omission of said Contractor, his/her servants, agents or employees, in performance of this contract.

1. The undersigned proposes to guarantee all work performed under these Plans, Specifications, and Contract for two years from the final completion acceptance date. The undersigned will be notified prior to the termination of the two-year warranty period if any repairs or maintenance is needed and shall be completed before the warranty period ends.
2. The undersigned tenders herewith, as a bid guaranty, for which receipt has been given, a certified check or bid bond in the amount of _____ dollars \$_____ drawn to the order of the City of Santa Fe.

Signature-Title

(Corporate Seal)

Corporate Name

Address

(Names of individual members of firms or names and titles of all officers of Corporation.)

Corporation organized under the laws of the State of

N.M. Contractor's License No. & Type

NM Dept. of Workforce Solutions, Public Works Bureau
Labor Enforcement Fund Registration Number: _____

[A Subcontractor NM Dept. of Workforce Solutions, Public Works Bureau Enforcement Labor Fund Registration Number, on work over \$50,000 must be listed on Subcontractor listing.]

A.10. BID FORM

CITY OF SANTA FE
CONTRACTING AGENCY AND OWNER

FROM: _____

_____ hereinafter called "Bidder".

TO: City of Santa Fe
200 Lincoln Avenue
P.O. Box 909
Santa Fe, New Mexico 87504

hereinafter called "CONTRACTING AGENCY",

Bid For: CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall

Bid No. '16/25/B

1. The bidders have familiarized themselves with the existing conditions on the project area affecting the cost of the work and with the contract documents which includes:
 - Advertisement for Bids
 - Instructions For Bidders
 - Bid Submittal and other required bid forms as listed herein
 - Agreement
 - Contract time of 30 weather working days
 - Form of Performance Bond
 - Form of Labor and Material Payment Bond
 - Technical Specifications
 - Everything else included in the Project Manual and the Drawings.

Therefore, the Bidder hereby proposes to furnish all supervision, technical personnel, labor, materials, tools, appurtenances, equipment, and services (including all utility and transportation services) required to construct and complete the improvements, all in accordance with the above listed documents.

Bidder agrees to perform all of the improvements described in the specifications and shown on the plans for the following unit prices:

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern).

BASE BID			
203000	Unclassified Excavation	CY	300
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
1	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
203100	Borrow	CY	1,200
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
2	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
207000	Subgrade Preparation	SY	195
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
3	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
511000	Structural Concrete, Class A	CY	65
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
4	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
540060	Reinforcing Bars, Grade 60	LBS	3,450
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
5	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
570018	18" Culvert Pipe	LF	26
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
6	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>

BASE BID			
570019	18" Culvert Pipe End Section	EA	2
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
7	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
601000	Removal of Structures and Obstructions	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
8	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
602000	Rip Rap Class A	CY	2
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
9	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
603251	Drop Inlet Protection Type II	EA	3
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
10	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
603260	Culvert Protection	SY	10
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
11	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
603261	Mulch Socks	LF	630
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
12	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>

BASE BID			
607079	Pedestrian / Bicycle Railing	LF	300
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
13	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
608004	Concrete Sidewalk 4"	SY	49
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
14	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
608006	Concrete Sidewalk 6" (Complete)	SY	625
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
15	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
621000	Mobilization	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
16	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
667004	Landscaping (Complete, see LS Plans)	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
17	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
667300	Masonry Block Wall – Split / Fluted CMU	SF	1,265
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
18	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>

BASE BID			
701000	Panel Signs	SF	5
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
19	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
701030	Remove and Reset Panel Sign	EA	2
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
20	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
701100	Steel Post & Base for Aluminum Panel Sign	LF	9
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
21	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
702010	Traffic Control (Complete)	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
22	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
704212	Retroreflectorized Plastic Pvmt Stripe 12"	LF	85
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
23	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
704224	Retroreflectorized Plastic Pvmt Stripe 24"	LF	24
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
24	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>

BASE BID			
801000	Construction Staking by Contractor	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
25	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
802000	Post Construction Plans	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
26	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
901000	Construction Testing	LS	1
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
27	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
TOTAL AMOUNT BASE BID (Excluding NM Gross Receipts Tax)		\$	
			<i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			
NEW MEXICO GROSS RECEIPTS TAX (8.3125%)		\$	
			<i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			
TOTAL AMOUNT BASE BID (Including NM Gross Receipts Tax)		\$	
			<i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			

ADDITIVE ALTERNATE			
667301	Upgrade Split Face to Polished CMU	SF	1,265
	<i>Unit Bid Price Written in WORDS:</i>	<i>Unit Bid Price Written In NUMBERS:</i>	<i>Total Item Bid Amount Written in NUMBERS</i>
A1	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>	<i>Dollars and Cents</i>
<i>TOTAL AMOUNT ADDITIVE ALTERNATE (Excluding NM Gross Receipts Tax)</i>		\$	<hr/> <i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			
<i>NEW MEXICO GROSS RECEIPTS TAX (8.3125%)</i>		\$	<hr/> <i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			
<i>TOTAL AMOUNT ADDITIVE ALTERNATE (Including NM Gross Receipts Tax)</i>		\$	<hr/> <i>Dollars and Cents</i>
<i>Written in NUMBERS</i>			

* As Per 608.5 & 609.5.1 Work Included in Payment -The Work Included in payment will be considered as included in the payment for the main item(s) and will not be measured or paid for separately: Excavation, borrow, bed course, compaction and embankment, for foundation of curb and gutter, expansion joint material (including silicone joint sealant and backer rod), coloring, and other related items and appurtenances, and backfilling behind curb. (Standard Specifications for Highway and Bridge Construction- NMDOT - 2014 Edition)

1. The city reserves the right to award the bid based upon the lowest base bid only or if alternates are included, the lowest combination of base bid and alternate(s).
2. Bidder has bid on all items.
3. In submitting this bid, the Bidder understands that the right is reserved by the City of Santa Fe to reject any irregular or all bids, waive any technicalities in the bids, and accept the bid deemed to be in the best interest of the public and that the City of Santa Fe intends to award one

contract (if at all) for the items bid. If written notice of the acceptance of this bid is mailed, telegraphed or otherwise delivered to the undersigned within sixty (60) days after the opening thereof or at any time thereafter before this bid is withdrawn, the undersigned agrees to execute and deliver the agreement in the prescribed form and furnish the required forms and bond(s) within ten (10) days after the agreement is presented to him/her for signature.

4. All Addenda pertaining to this project, shall be acknowledged by the Bidder in the spaces provided below:

Addendum No.	Addendum Date	Acknowledgement by Bidder or Authorized Representative	Date Acknowledged

Failure to acknowledge receipt, as provided above, may be considered sufficient grounds for disqualification of the bidder and rejection of his/her bid submittal.

Any and all such Addenda, if issued, will be published via electronic/digital format on the web site of the City of Santa Fe, not later than three days prior to the date fixed for the opening of the bids, at the following web address:

http://www.santafenm.gov/bids_rfps

It shall be the bidder's responsibility to become fully advised of all Addenda prior to submitting his/her bid.

5. The Bidder agrees to commence work under this Contract within ten (10) days after a date to be specified in a written "Notice to Proceed" from the City of Santa Fe or its authorized agents, and fully complete the project within the time provided in the contract documents. Bidder further agrees to pay liquidated damages as provided in the Contract Documents.

6. Security in the sum of five (5) percent of the amount bid in the form of (check one):
 _____ Bid Bond _____ Certified Check

is attached hereto in accordance with the "Instructions for Bidders".

7. This Bid Submittal consists of the following **attached documents that are made a condition of this bid:**

- Bid Form- Name the Bidder, Local Preference # (as applicable) with a check for proper signatures.
- Local Preference (as applicable)
- Veterans Preference (as applicable)
- Properly executed Bid Submittal.
- Properly executed Bid Form
- Acknowledgement of Addenda, if any.
- Properly executed Bid Bond Form 1
- Certification of EEO
- Certification of Non-Segregated Facilities
- Certification of Non-collusion
- Non-Collusion Certification of Subcontractors
- Subcontractor's Listing (as applicable)

If any of the above requirements have not been met, the bid shall be disqualified and considered non-responsive. Any disqualified bid will not be read.

ONE ORIGINAL AND ONE COPY OF THE BID SUBMITTAL IS REQUIRED

Respectfully submitted:

Name of Bidder _____

By: _____
(Signature)

Title: _____

Date: _____

Official Address: _____

Telephone No. _____

New Mexico Contractor's License Number and Types: _____

United States Treasury Number: _____

New Mexico State Residence Preference Certificate Number, if any:

A.11. BID BOND

A. KNOW ALL MEN BY THESE PRESENTS, THAT WE _____

_____ hereinafter called the PRINCIPAL, as Principal, and the

_____, of _____ a

Corporation duly organized under the laws of the State of _____, and authorized to do business in the State of New Mexico, hereinafter called the SURETY, as SURETY are held and firmly bound unto the City of Santa Fe, a Municipal Corporation, hereinafter called the OBLIGEE, in the sum of

dollars (\$ _____) for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted the accompanying bid, dated _____, 2016, (Bid No. '16/XX/B) for the construction of the CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall, City of Santa Fe.

B. NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

C. SIGNED AND SEALED THIS _____ DAY OF _____, a.d. 2016.

BIDDER

By: _____
PRINCIPAL

(SEAL)

WITNESS

By: _____
SURETY

WITNESS

Title: _____

A.12. CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Bidder's Name: _____

Address: _____

- _____
1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause. Yes ____ No ____
 2. Compliance reports were required to be filed in connection with such contract or subcontract. Yes ____ No ____

Certification - The information above is true and complete to the best of my knowledge and belief.

NAME AND TITLE OF SIGNER (please type or print)

SIGNATURE

DATE

A.13. CERTIFICATION OF NON-SEGREGATED FACILITIES

(Applicable to construction contracts and related subcontracts exceeding \$10,000, which are not exempt from the Equal Opportunity Clause).

The construction contractor certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The construction contractor certifies further that he/she will not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she will not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting room, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clock, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreating or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The construction contractor agrees that (except where he/she has obtained identical certifications from proposed subcontractors for specific time periods) he/she will obtain identical certifications from proposed SUBCONTRACTORS prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that he/she will retain such certifications in his/her files.

SIGNED: _____

TITLE: _____

SUBSCRIBED AND SWORN to before me this _____ day of _____, 2016.

NOTARY PUBLIC

My Commission Expires:

A.14. NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

(1) He/she is the _____ of _____ the Bidder that has submitted the attached Bid Submittal;

(2) He/she is fully informed respecting the preparation and contents of the attached Bid Submittal and of all pertinent circumstances respecting such bid;

(3) Such bid is genuine and is not a collusive or sham bid;

(4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this ____ day of _____, 2016.

NOTARY PUBLIC

My Commission Expires:

A.15. NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

(1) He/she is the _____ of _____, hereinafter referred to as the "Subcontractor";

(2) He/she is fully informed respecting the preparation and contents of the Subcontractor's bid submitted by the Subcontractor to _____, the Contractor, for certain work in connection with the _____ contract pertaining to the _____ project in _____;

(3) Such Subcontractors bid submittal is genuine and is not a collusive or sham bid submittal;

(4) Neither the Subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed Contract; and

(5) The price or prices quoted in the Subcontractor's bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this ____ day of _____, 2016.

NOTARY PUBLIC

My Commission Expires:

A.16. SUBCONTRACTS

- A. The Contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until he/she has submitted a Non-Collusion Affidavit from the subcontractor, in substantially the form shown above, and has received written approval of such subcontractor from the City of Santa Fe.
 - B. No proposed subcontractor shall be disapproved by the City of Santa Fe except for cause.
 - C. The Contractor shall be as fully responsible to the City of Santa Fe for the acts and omissions of his/her subcontractors and of persons either directly or indirectly employed by them, as he/she is for the acts and omissions of persons directly employed by him/her.
 - D. The Contractor shall cause appropriate provision to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the Contract for the improvements embraced.
- A. Nothing contained in the Contract shall create any contractual relation between any subcontractor and the City of Santa Fe.

A.17. SUBCONTRACTOR LISTING

Note: A Contractor that Submits a bid valued at more than sixty thousand dollars (\$50,000) for a city project that is subject to the public works minimum wage act 13-4-10 NMSA 1978, shall be registered with the NM Dept. of Workforce Solutions, Public Works Bureau.

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

Trade:	Name of Subcontractor:	
Address:		
Telephone No.:	License No.:	NM Dept. of Workforce Solutions Regist. No.:
Signature of Subcontractor (to be obtained after award of contract):		

B. CONTRACT DOCUMENTS

B.1. CONSTRUCTION AGREEMENT

CITY OF SANTA FE
CAPITAL IMPROVEMENTS PROGRAM

AGREEMENT BETWEEN
OWNER AND CONTRACTOR

CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/25/B

This Agreement is entered into this _____ day of _____, 2016, by and between the
CITY OF SANTA FE, herein known as the Owner, and
_____, herein known as the Contractor.

For the following:

PROJECT: CIP420C Arroyo de los Chamisos Trail Extension at SF
Place Mall

OWNER City of Santa Fe, Public Works Department
Roadway & Trails Engineering Division
P.O. Box 909
Santa Fe, New México 87504-0909

DISTRIBUTION:

OWNER _____
CONTRACTOR _____
ENGINEER _____

Revised July 2009

RECITALS

WHEREAS, the Owner, through its Governing Body, is authorized to enter into a construction Contract for the project; and

WHEREAS, the Owner has let this Contract according to the established State and Local Purchasing procedures for contracts of the type and amount let; and

WHEREAS, construction of this Project was approved by the Governing Body of the City of Santa Fe at its meeting of _____, 2016.

The OWNER and the CONTRACTOR agree:

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of: this Agreement, the Conditions of the Contract (General, Supplementary, and other Conditions), the Drawings, the Specifications, and all Addenda issued prior to and all Modifications issued after execution of this Agreement. These documents form the Contract, and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

ARTICLE 2 THE WORK

The Contractor shall perform all the work required by the Contract Documents for CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall. (Bid Number '16/25/B).

The work designated as CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall consists of, but is not limited to: construction of new multiuse trail sections, related improvements for pedestrians / bicyclists, and other trail users, and retaining wall as described in the Contract Documents.

Contractor shall be responsible for verifications of all conditions, measurements, and dimensions for bidding.

Contractor shall be responsible for all permits, fees, and State inspections associated with the construction.

ARTICLE 3 TIME OF COMMENCEMENT AND PROJECT COMPLETION

The work to be performed under this Contract shall be commenced not later than thirty (30) weather working days after the date of written Notice to Proceed. Physical Completion of the entire work described in the Contract Documents, except as hereafter extended by valid written Change Order signed by the Owner, shall be achieved no later than 30 weather working Days from the issuance of the Notice to Proceed issued to the Contractor.

ARTICLE 4 UNIT PRICE CONTRACT

The Owner shall pay the Contractor for actual work performed by unit price items for all work, other than those to be paid by lump sum. Subject to additions and deductions by Change Order as provided in the Contract Documents, the Base Bid & Additive Alternate amount in _____ dollars and _____ cents (\$_____).

The Unit Bid Contract Total is determined as follows:

Base Bid & Additive Alternate	\$ _____.
Gross Receipts Tax (8.3125%)	\$ _____.
Base Bid & Additive Alternate plus NMGR	\$ _____.

ARTICLE 5
PROGRESS PAYMENTS

Based upon Application for Payment submitted to the Owner by the Contractor and Certificates for Payment issued by the Owner, the Owner shall make progress payments on account of the Contract sum to the Contractor as provided in the Contract documents for the period ending the last day of the month as follows:

Not later than twenty-one (21) days following the end of the period covered by the Application for Payment, one hundred percent (100%) of the portion of the Contract Sum properly allocable to labor, materials, and equipment incorporated in the work and one hundred percent (100%) of the portion of the Contract sum properly allocable to materials and equipment suitably stored at the site or some other location agreed upon in writing for the period covered by the Application for Payment, less the aggregate of previous payments made by the Owner; and upon substantial completion of the entire work, a sum sufficient to increase the total payments to one hundred percent (100%) of the Contract sum, less such amounts as the Owner shall determine for all incomplete work and unsettled claims as provided in the Contract documents.

ARTICLE 6
LIQUIDATED DAMAGES

Should the Contractor neglect, refuse, or otherwise fail to complete the work within the Contract Time for Physical Completion or any extension in the Contract thereof, the Contractor agrees to pay the Owner the amount specified in section 108.8 Liquidated Damages in the 2014 Edition (NMDOT SSHBC), per consecutive calendar day that passes until Physical Completion and acceptance or until voided pursuant to the provisions of the General Conditions of the Contract, not as a penalty, but as liquidated damages for such breach of the Contract.

ARTICLE 7
FINAL PAYMENT

Final payment, constituting the entire unpaid balance of the Contract sum, unless it is a disputed payment, shall be paid by the Owner to the Contractor within twenty-one (21) calendar days, after all deficiencies to the Contract document that were noted during the Substantial Completion Inspection and listed on the attachment to the Certificate of Substantial Completion have been corrected, and provided the Contract has been fully performed and a final Certificate for Payment has been issued by the Owner. In addition, the Contractor shall provide to the Owner a certified statement of Release of Lien (AIA Document G706A or approved form), Consent of Surety, Warranty from Prime Contractor, Warranties from Suppliers and Manufacturers, training sessions, equipment/operating manuals, and as-built drawings.

ARTICLE 8
SCHEDULE

The Contractor shall, within five (5) days after the effective date of Notice to Proceed, prepare and submit five (5) copies of a progress schedule covering project operations for the 30 day Contract period. This

progress schedule shall be of the type generally referred to as a Critical Path Method (CPM), Critical Path Schedule (CPS), and Critical Path Analysis (CPA), and other similar designations. The CPM shall be used to control the timing and sequences of the project. All work shall be done in accordance with the CPM Planning and Scheduling. A written statement of explanation shall be submitted with the progress schedule. All costs incurred by the contractor to implement the CPM shall be borne by the Contractor, and are part of their Contract.

ARTICLE 9 GENERAL AND SPECIAL PROVISIONS

9.1 This Agreement shall be governed exclusively by the provisions hereof and by the laws of the State of New Mexico, as the same from time to time exist.

9.2 Terms used in this Agreement which are defined in the Conditions of the Contract shall have the meanings designated in those Conditions.

9.3 The Contractor shall defend, indemnify, and hold harmless the Owner against any and all injury, loss, or damage, including, without limitation, costs of defense, court costs and attorney's fees, arising out of the acts, errors, or omissions of the Contractor.

9.4 An enumeration of the Contractor's General Comprehensive Liability Insurance requirements appears in the General Conditions of the Contract for construction. Insurance requirements are also described in the Instructions to the Bidder section of the Project Manual. Contractor shall maintain adequate insurance in at least the maximum amounts, which the Owner could be liable under the New Mexico Tort Claims Act and shall provide proof of such insurance coverage to the City. It is the sole responsibility of the Contractor to be in compliance with the law.

9.5 This Agreement shall not become effective until: (1) approved by the Governing Body; and (2) signed by all parties required to sign this Agreement.

9.6 The Contractor and the Contractor's agents and employees are independent contractors performing professional and technical services for the Owner and are not employees of the Owner. The Contractor and the Contractor's agents and employees shall not accrue leave, retirement, insurance, bonding, use of Owner's vehicles, or any other benefits afforded to employees of the Owner as a result of this Agreement.

9.7 The Contractor shall not subcontract any portion of the services to be performed under this Agreement without prior written approval of the Owner. The Contractor shall make prompt payment to their subcontractors and suppliers for amounts owed for work performed on the construction project within seven days after receipt of payment from the Owner, contractor or subcontractor. If the contractor or subcontractor fails to pay the contractor's or subcontractor's subcontractor and suppliers by first-class mail or hand delivery within seven days of receipt of payment, the contractor or subcontractor shall pay interest to the subcontractors and suppliers beginning on the eighth day after payment was due, computed at one and one-half percent of the undisputed amount per month or fraction of a month until payment is issued. These provisions apply to all tiers of contractors, subcontractors and suppliers.

9.8 The Contractor shall maintain detailed time records which indicate the date, time and nature of services rendered. These records shall be subject to inspection by the Owner, the Department of Finance and Administration and the State Auditor. The Owner shall have the right to audit billings both before and after payment. Payment under this Agreement shall not foreclose the right of the Owner to recover excessive illegal payments.

9.9 The terms of this Agreement are contingent upon sufficient appropriations and authorization being made by the Owner for the performance of this Agreement. If the Owner does not make sufficient appropriations and authorization, this Agreement shall terminate upon written notice being given by the

Owner to the Contractor. The Owner's decision as to whether sufficient appropriations are available shall be accepted by the Contractor and shall be final.

9.10 The Contractor warrants that the Contractor presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance or services required under this Agreement.

9.11 The Contractor hereby warrants that the Contractor complies with the Americans with Disabilities Act, 29 CFR 1630.

9.12 The Contractor, upon final payment of the amounts due under this Agreement, releases the Owner, the Owner's officers and employees, and the City of Santa Fe from all liabilities and obligations arising from or under this Agreement, including, without limitation, all damages, losses, costs, liability, and expenses, including, without limitation, attorney's fees and costs of litigation that the Contractor may have.

9.13 The Contractor agrees not to purport to bind the Owner to any obligation not assumed herein by the Owner, unless the Contractor has express written authority to do so, and then only within the strict limits of that authority.

9.14 Notices. Any and all notices provided for hereunder shall be in writing and shall be deemed delivered, given and received when (i) personally delivered, or (ii) 5 days after the same are deposited in the United States mail, postage prepaid, registered or certified mail return receipt requested, addressed to the applicable party at the address indicated below for such party or at such other address as may be designated by either party in a written note to the other party.

OWNER

City of Santa Fe, Public Works Department
Roadway & Trails Engineering Division
P.O. Box 909
Santa Fe, New México 87504-0909

CONTRACTOR

New Mexico License# _____.

9.15 Gender, Singular/Plural. Words of any gender used in this Agreement shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, unless the context otherwise requires.

9.16 Captions and Section Headings. The captions and section headings contained in this Agreement are for convenience of reference only, and in no way limit, define, or enlarge the terms, scope, and conditions of this Agreement.

9.17 This document shall be executed in no less than three (3) counterparts, each of which shall be deemed an original.

9.18 Certificates and Documents Incorporated. All certificates and documentation required by the provisions of the Agreement shall be attached to this Agreement at the time of execution, and are hereby incorporated by reference as though set forth in full in this Agreement to the extent they are consistent with its conditions and terms.

9.19 Separability. If any clause or provision of this Agreement is illegal, invalid or unenforceable under present or future laws effective during the term of this Agreement, then and in that event, it is the intention of the parties hereto that the remainder of this Agreement shall not be affected thereby.

9.20 Waiver. No provision of this Agreement shall be deemed to have been waived by either party unless such waiver be in writing signed by the party making the waiver and addressed to the other party; nor shall any custom or practice which may evolve between the parties in the administration of the terms hereof be construed to waive or lessen the right of either party to insist upon the performance by the other party in strict accordance with the terms hereof. Further, the waiver by any party of breach by the other party of any term, covenant, or condition hereof shall not operate as a waiver of any subsequent breach of the same or any other term, covenant, or condition thereof.

9.21 Entire Agreement. This Agreement represents the entire Contract between the parties and except as otherwise provided herein, may not be amended, changed, modified, or altered without the written consent of the parties hereto. This Agreement incorporates all of the conditions, agreements, and understandings between the parties concerning the subject matter of this Contract, and all such conditions, understandings, and agreements have been merged into this written Agreement. No prior conditions, agreement, or understanding, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless embodied in this written Agreement.

9.22 Interchangeable Terms. For purposes of all provisions within this Agreement and all attachments hereto, the terms "Agreement" and "Contract" shall have the same meaning and shall be interchangeable.

9.23 Words and Phrases. Words, phrases, and abbreviations, which have well-known technical or trade meanings used in the Contract documents shall be used according to such recognized meaning. In the event of a conflict, the more stringent meaning shall govern.

9.24 Relationship of Contract Documents. The Contract Documents are complementary, and any requirement of one Contract Document shall be as binding as if required by all.

9.25 Pursuant to Section 13-1-191, NMSA 1978, reference is hereby made to the Criminal Laws of New Mexico (including Sections 30-14-1, 30-24-2, and 30-41-1 through 30-41-3, NMSA 1978) which prohibit bribes, kickbacks, and gratuities, violation of which constitutes a felony. Further, the Procurement Code (Sections 13-1-28 through 13-1-199, NMSA 1978) imposes civil and criminal penalties for its violation.

9.26 By entering into this Agreement, the parties do not intend to create any right, title or interest in or for the benefit of any person other than the Owner and the Contractor. No person shall claim any right, title or interest under this Agreement or seek to enforce this Agreement as a third party beneficiary of this Agreement.

9.27 Pursuant to Section 13-4-11. NMSA 1978, Reference is hereby made to the Minimum Wage on Public Works; weekly payments; posting wage scale; withholding funds.

ARTICLE 10 NEW MEXICO TORT CLAIMS ACT

Any liability incurred by the City of Santa Fe in connection with this Agreement is subject to the immunities and limitations of the New Mexico Tort Claims Act, Section 41-4-1, et. seq. NMSA 1978, as amended. The City and its "public employees" as defined in the New Mexico Tort Claims Act, do not waive any limitation of liability pursuant to law. No provision in this Agreement modifies or waives any provision of the New Mexico Tort Claims Act.

This Agreement is entered into as of the day and year first written above.

OWNER:
CITY OF SANTA FE

JAVIER M. GONZALES, MAYOR

DATE: _____

ATTEST:

YOLANDA Y. VIGIL
CITY CLERK

APPROVED AS TO FORM:



KELLEY BRENNAN, CITY ATTORNEY

APPROVED:

OSCAR RODRIGUEZ, DIRECTOR
FINANCE DEPARTMENT

426003/5729.70
Business Unit/Line Item

CONTRACTOR:
NAME OF CONTRACTOR

By: _____
Signature

Print Name and Title of Signer

Date: _____

NM Taxation & Revenue CRS No.:

City of Santa Fe Business Reg. No.:

B.2. PERFORMANCE BOND

A. KNOW ALL MEN BY THESE PRESENTS, that

(here insert the name and address or legal title of the Contractor)
as Principal, hereinafter called Contractor, and

(here insert the legal title of Surety)
as Surety, hereinafter called Surety, are held firmly bound unto the City of Santa Fe, a New Mexico municipal corporation as Obligee, hereinafter called City, in the amount of

_____ DOLLARS,

(\$_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents;

B. WHEREAS, the Contractor has by written agreement dated _____, 2016, entered into a contract with the City of Santa Fe for the CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/25/B, in accordance with drawings and specifications prepared by the City of Santa Fe which contract is by reference made a part hereof, and is hereinafter referred to as the contract.

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall promptly and faithfully perform said contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

1. The Surety hereby waives notice of any alteration or extension of time made by the City.
2. Whenever Contractor shall be, and declared by the City to be in default under the contract, the City having performed City's obligations thereunder, the surety may promptly remedy the default or shall promptly:
 - a. Complete the contract in accordance with its terms and conditions or;
 - b. Obtain a bid or bids for submission to City for completing the contract in accordance with its terms and conditions, and upon determination by City and Surety of the lowest responsible bidder, arrange for a contract between such bidder and City, and make available as work progresses (even though there should be a default or a secession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price, but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the contract price" as used in this paragraph, shall mean the total amount payable by City to Contractor under the contract and any amendments thereto, less the amount properly paid by City to Contractor.

3. Any suit under this bond must be instituted before the expiration of two (2) years from the date on which final payment under the contract falls due.

4. No right of action shall accrue on this bond to or for the use of any person or corporation other than the City named herein or the heirs, executors, administrators or successors of the City.

SIGNED AND SEALED ON _____, 2016.

My Commission Expires:

Notary Public

Contractor – Principal

By: _____

Title: _____

Approved as to form:

Surety

Title: _____

Countersigned: _____

Surety's Authorized New Mexico Agent

B.3. LABOR AND MATERIAL PAYMENT BOND

A. KNOW ALL MEN BY THESE PRESENTS, that

(here insert the name and address or legal title of the Contractor)
as Principal, hereinafter called Principal, and

(here insert the legal title of Surety)
as Surety, hereinafter called Surety, are held firmly bound unto the City of Santa Fe, a New Mexico municipal corporation as Obligee, hereinafter called City, for the use and benefit of claimants as herein below defined, in the amount of _____ DOLLARS, (\$_____) for the payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents;

B. WHEREAS, Principal has by written agreement dated _____, 2016, entered into a contract with the City of Santa Fe for the CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/25/B, in accordance with drawings and specifications prepared by the City of Santa Fe which contract is by reference made a part hereof, and is hereinafter referred to as the contract.

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal shall promptly make payment to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the contract, than this obligation shall be void; otherwise, it shall remain in full force, subject, however, to the following conditions.

1. A claimant is defined as one having a direct contract with the principal or with a subcontractor of the principal for labor, material, or both, used or reasonably required for use in the performance of the contract, labor and material being construed to include that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental of equipment directly applicable to the contract.
2. The above named Principal and Surety hereby jointly and severally agree with the City that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, prosecute the suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereon. The City shall not be liable for payment of any cost or expenses of any such suit.
3. No suit or action shall be commenced hereunder by any claimant:
 - a. Unless claimant, or other than one having a direct contract with the principal, shall have written notice to any two of the following: the Principal, the City, or the surety above named, within ninety (90) days after such said claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed.
 - b. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the Principal, City or surety at any place where an office is regularly maintained for the transaction of business, or revised in any manner in which legal process may be served in the state in which the aforesaid project is located, save that such services need not be made by a public officer.
 - c. After the expiration of one (1) year following the date on which Principal ceased work on said Contract, it being understood, however, that if any limitation embodied in this bond is prohibited by any law controlling the construction hereof, such limitation shall be

deemed to be amended so as to be equal to the minimum period of limitation permitted by such law.

d. Other than in a state court of competent jurisdiction in and for the county or other political subdivision of the state in which the project, or any part thereof, is situated, or in the United States District Court for the district in which the project, or any part thereof, is situated, and not elsewhere.

4. The amount of this bond shall not be reduced by and to the extent of any payments made in good faith hereunder, inclusive of the payment by Surety of mechanics liens, which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against this bond.

SIGNED AND SEALED ON _____, 2016.

In presence of:

Notary Public

My Commission Expires:

Name of Company

By: _____

Title: _____

Surety

By: _____

Title: _____

Countersigned:

Surety's Authorized New Mexico Agent

This bond is issued simultaneously with performance bond in favor of contracting agency for the faithful performance of the contract.

C. CONTRACTUAL SPECIFICATIONS

C.1. STANDARD SPECIFICATIONS

FOR

CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/25/B

CITY OF SANTA FE

The New Mexico Department of Transportation Standard Specifications for Highway & Bridge Construction, 2014 Edition, shall govern construction of this project except where revised or amended by the Supplemental General Provisions, Special Provisions and Supplemental Specifications.

The Supplemental General Provisions, Special Provisions and Supplemental Specifications shall govern over the Standard Specifications and are hereby made a part of the Contract Documents.

C.2. SPECIAL PROVISIONS FOR MINIMUM WAGE

Projects are subject to the Minimum Wage Rates as determined by the New Mexico Department of Workforce Solutions, Public Works Bureau pursuant to Chapter 13, Section 13-14-11, NMSA 1978 and the U.S. Department of Labor Decision No for each assigned task. The Minimum Wage Rates to be paid by the Contractor and any Subcontractors to their employees on this project shall be in accordance with those wages as listed in the New Mexico Department of Workforce Solutions, Public Works Bureau Minimum Wage Rate Decision Number for each assigned task. Copies of the wage rate decision and applicable forms are bound in this section. The Contractor is hereby required to submit all wage decision forms to the City as follows:

- ***Subcontractor List & Statement of Intent to Pay Prevailing Wages*** – Submit before construction starts
- ***Affidavit of Wages Paid*** – Submit after construction, but before final payment

Subcontractors shall provide all necessary wage decision forms or information to the prime contractor. The prime contractor shall be responsible for the submission of wage decision forms or information required of all subcontractors to the City. The same timelines stated above apply.

C.3. SPECIAL PROVISIONS FOR SUBMISSION OF WEEKLY PAYROLLS

WAGE RATE DECISION

Contractors are hereby advised that this project is subject to the New Mexico Department of Workforce Solutions, Public Works Bureau Wage Rate decision Number # **Assigned per each task**.

SUBMISSION OF WEEKLY PAYROLLS

All Contractors and subcontractors shall submit one (1) certified copy of the project weekly payroll to the City of Santa Fe, 500 Market Street, Suite 200, Santa Fe, NM 87501, C/O the City's Project Manager, no later than five (5) working days after the close of each payroll period.

The prime contractor shall be responsible for the submission of copies of payrolls of all subcontractors. All Contractors and subcontractors must have copies of certified payrolls available to the

New Mexico Department of Workforce Solutions, Public Works Bureau within ten (10) days of a written request, if required.

C.4. SPECIAL PROVISION FOR APPRENTICES

(Program of Department of Labor)

Before using apprentices on this project, the Contractor shall present to the Contracting Officer written evidence of registration of such employees with the U.S. Department of Labor, Bureau of Apprenticeship and Training, Western Bank Building (Room 1414), 505 Marquette Avenue, N.W., Albuquerque, New Mexico 87102, Telephone 245-2142. If the apprentice is not registered in a bona fide apprenticeship program as mentioned above, the journeyman's wage rate for that particular classification in which he/she is working is applicable.

C.5. CITY OF SANTA FE LIVING WAGE ORDINANCE

City of Santa Fe

Living Wage Ordinance

Ordinance Number §28-1 28-1.12 SFCC 1987

Purpose:

The City of Santa Fe Living Wage Ordinance was adopted to establish minimum hourly wages.

Who it affects:

- All profit and nonprofit businesses required to have a business license or business registration with the City of Santa Fe.

Compliance:

- Affected businesses are required to pay employees an hourly wage of \$10.84 effective March 1, 2015.
- Beginning January 1, 2009, and each year thereafter, the minimum wage shall be adjusted upward by an amount corresponding to the previous year's increase, if any, in the Consumer Price Index for the Western Region for Urban Wage Earners and Clerical Workers.
- For workers who customarily receive more than \$100 per month in tips or commissions, any tips or commissions received and retained by a worker shall be counted as wages and credited toward satisfaction of the minimum wage provided that, for tipped workers, all tips received by such workers are retained by the workers, except that the pooling of tips among workers shall be permitted.
- The value of health care benefits and child care shall be considered as an element of wages.
- Nonprofit organizations whose primary source of funds is from Medicaid waivers are *exempt*.

Prohibitions against retaliation and circumvention:

- It shall be unlawful for any business, employer or employer's agent or representative to take any action against an individual in retaliation for exercising or communicating rights under this ordinance. This includes retaliation against individuals who mistakenly but in good faith allege noncompliance with the ordinance.
- Taking adverse action against an individual within 60 days of the individual's assertion of or communication of information regarding rights raises a rebuttable presumption of retaliation for assertion of rights.
- It shall be unlawful for any business or employer to intentionally circumvent the requirements of this ordinance by contracting portions of its operations or leasing portions of its property.

Enforcement and Remedies:

- **Administrative Enforcement**—The city manager, or his/her designee, is authorized, as appropriate and as resources permit, to enforce this ordinance.
- **Criminal Penalty**—A person violating this ordinance shall be guilty of a misdemeanor and, upon conviction, for each offense may be subject to fines and imprisonment as set forth in Section 1-3 SFCC 1987. A person violating any of the requirements of this ordinance shall be guilty of a separate offense for each day or portion thereof and for each worker or person to whom any such violation occurred.
- **Other Remedies**—The city, any individual aggrieved by a violation of this ordinance, or any entity the members of which have been aggrieved by a violation of this ordinance, may bring a civil action in a court of competent jurisdiction to restrain, correct, abate or remedy any violation of this ordinance and, upon prevailing, shall be entitled to such legal or equitable relief as may be appropriate to remedy the violation including, without limitation, reinstatement, the payment of any wages due and an additional amount as liquidated damages equal to twice the amount of any wages due, injunctive relief, and reasonable attorney's fees and costs.

Nonexclusive Remedies and Penalties—The remedies provided in this section are not exclusive, and nothing in this ordinance shall preclude any person from seeking any other remedies, penalties, or relief provided by law.

Posting and Publication:

- Any business subject to the provisions of this ordinance shall as a condition to obtaining and holding a City of Santa Fe business license or registration, post and display in a prominent location next to its business license or registration on the business premises a notice, in English and Spanish, that the business is in compliance with the provisions of this ordinance and post the text of this notice. Failure to comply with this section shall be construed a violation of this ordinance and, in addition, shall be considered grounds for suspensions, revocation, or termination of the business license or registration.

For more information, please contact: Constituent Services at 955-6949 Email: constituentservices@santafenm.gov

Ordenanza Respecto al Sueldo Mínimo

Ordenanza Numero §28-1 28-1.12 SFCC 1987

Propósito:

La ordenanza respecto al Sueldo Mínimo fue adoptada por la Ciudad de Santa Fe con el fin de establecer un sueldo mínimo que determinadas empresas tienen que pagar.

A Quién Afecta la Ordenanza:

- A toda empresa con o sin fines de lucro se requiere que tenga una licencia comercial o estar registrada con la ciudad de Santa Fe.

Cómo Se Tiene que Cumplir lo que Dispone la Ordenanza:

- A partir del día primero de Marzo del 2015, las empresas que tienen que pagar el sueldo mínimo tienen la obligación de pagar un sueldo de \$10.84 la hora.
- A partir del día primero de enero del 2009, y cada año que sigue, el sueldo mínimo será ajustado de acuerdo con la inflación.
- Para trabajadores/as que regularmente reciben propinas o comisiones que sumen más de \$100 por mes, todas esas propinas o comisiones que reciban contarán como si fueran sueldo y serán acreditadas para satisfacer la ordenanza, siempre y cuando los trabajadores se queden con todas sus propinas. También se permitirá acreditar propinas que se juntan y se comparten.
- El valor de beneficios de seguro médico y de cuidado de niños se considerará como parte del sueldo mínimo.
- Las organizaciones sin fines de lucro que reciben la mayoría de sus fondos de (*Medicaid*) no tienen que pagar el sueldo mínimo de la ciudad.

Se Prohíben Represalias o Evasiones:

- Es en contra de la ley que una empresa o persona que emplea trabajadores o que el apoderado o persona que representa a la empresa tome represalias en contra del trabajador porque el o ella ejerce sus derechos o comunica sus derechos a otra persona. También es en contra de la ley tomar represalias contra un trabajador que erróneamente, pero de buena fe, alega que la empresa no ha cumplido con la ordenanza.
- Se presume como represalia, tomar cualquier acción dentro de los 60 días después de que un individuo quiso ejercer sus derechos.
- Es en contra de la ley que un empresario o empleador intencionalmente trate de evadir los requisitos de esta ordenanza contratando parte de su negocio a otra empresa o rentando partes de su propiedad, con el fin de no cumplir con la ordenanza.

Remedios Legales Para Implementar la Ley:

- Medidas Administrativas - El Administrador de la ciudad o su representante está autorizado a hacer cumplir la ordenanza hasta donde los recursos lo permitan.
- Castigo Judicial - El empleador que no cumpla con esta ordenanza será condenado por cada infracción. Pudiera estar sujeto a multas o encarcelamiento según dispone la sección 1-3 del Código Civil de Santa Fe de 1987. El empleador que no cumpla cualquiera de los requisitos en esta ordenanza será culpable de una infracción por cada trabajador afectado, por cada día o parte del día que no se cumpla la ordenanza.
- Otros Recursos Judiciales - La Ciudad de Santa Fe, cualquier individuo o cualquier grupo de individuos que han sido afectados porque no se cumplió la ordenanza, podrán presentar una queja en la corte civil que tiene jurisdicción para restringir, corregir, suprimir, o remediar toda infracción de esta ordenanza. La persona que gane el caso tiene derecho a un remedio legal o equitativo que sea adecuado para remediar la violación. Los remedios incluyen y sin limitar, que lo/la vuelvan a emplear, que le paguen el sueldo que le deben más una cantidad por daños determinados que son el igual a doble cantidad del sueldo que le deben, protección judicial y cuotas razonables que cobra el abogado más costos del caso.

Remedios Legales, Daños y Perjuicios No Exclusivos Los remedios legales en esta sección no son exclusivos. Eso quiere decir que esta ordenanza no prohíbe que el trabajador trate de plantear otros remedios en la corte, demandar por daños y perjuicios que la ley permite.

Colocación de Anuncios y Publicación de los Anuncios:

- Como condición para obtener y mantener una licencia o registro comercial toda empresa tendrá que colocar en un lugar prominente al lado de su licencia o registro en el lugar de trabajo este aviso en inglés y en español indicando que el negocio esta cumpliendo con la ordenanza y con el texto de este aviso. Si la empresa no cumple lo que esta sección ordena se considerará como violación a esta ordenanza y se podrá suspender, revocar o dar por terminada la licencia o registro de la empresa.

Para obtener más información, favor de comunicarse con la oficina de: Constituent Services al número (505) 955-6949 o por Correo electrónico a: constituentervices@santafenm.gov.

C.6. STATE WAGE DECISION

(Wage Rates Are Assigned Per Each Assigned Task greater than \$60,000)

New Mexico Department of Workforce Solutions
Public Works
121 Tijeras Ave. NE, Suite 3000, Albuquerque, NM 87102
Phone: (505)-841-4400 fax to: (505) 841-4424 or Email to: public.works@state.nm.us

Wage Decision # **SF-15-1813 A**

NOTIFICATION OF AWARD (NOA)

THIS WAGE DECISION # EXPIRES FOR BIDS ON 04/08/16

Description and Location of Work: CIP420C - Arroyo Chamiso Trail Extension at SF Place Mall
Construction of multi-use concrete trail, grading, minor drainage structures, retaining wall, misc. signing and striping, minor landscape work.

City of Santa Fe County of Santa Fe 4351 Wagon Road

REMINDER for Agency Conducting BID Process:

After the Contracting Agency awards this project the Wage Rate Poster, Sub-List and the Project Requirement Document, excluding this NOA must be delivered to the **GENERAL/PRIME CONTRACTOR**. The Contracting Agency or its agent must complete this form and submit with the sub-list listing all of the subcontractors including all tiers of subcontractors and fax or email it to the address above. *If the project is canceled*, this form must be completed by the Contracting agency conducting the bid process and the wording "Cancelled" written on the form and send to the Labor Relations Division. Failure to submit the NOA in a timely manner is a violation of paragraph 11.1.2.9.B (3) of the Public Works Minimum Wage Act Policy Manual.

General/Prime Contractor Company Name: _____
License#: _____

Address: _____ City: _____ State: _____
Zip: _____

Telephone: _____ Fax: _____

Project Contact's name: _____ E-Mail: _____

Approximate Date Work to Start: _____

Estimated Completion Date: _____

Estimated Cost of Project: _____

Bid Opening Date: _____

Note: The General/Prime Contractor **MUST** mail/fax in their Statement of Intent to Pay Prevailing Wages to the Contracting Agency or its agent before beginning work on the project. Each Subcontractor (and all tiers of subcontractors) **MUST** also mail/fax their Statement of Intent to Pay Prevailing Wages to the General/Prime Contractor 3 days after award of project. After work on the project is completed and before, final payment, is made to subcontractors and all tiers of subcontractors, the contractor and sub-contractors must mail/fax their Affidavit of Wages paid to the Contracting Agency for final payment.

Signature for Contracting Agency (or agent) _____

Printed Name _____

Email address for Contracting Agency (not agent) _____ **Required Field**

Date _____

SUBCONTRACTOR LIST

DO NOT list suppliers or professional services (such as surveyors)
INCLUDE individual subcontractor dollar amount for project

Email to: public.works@state.nm.us or fax to: (505) 841-4424

Please include 2nd & 3rd Tier subcontractors. Make extra copies of form if necessary.

Wage Decision. #SF-15-1813 A

General Contractor:

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

Company Name: _____
 Address: _____ City: _____ State: _____ Zip: _____
 E-Mail Address: _____ License No.: _____
 Phone No.: _____ Fax No.: _____ Sub _____ 2nd TIER _____ 3rd TIER _____
 (To Whom) (To Whom)
 Work to be performed: _____ Start Date: _____ Amount (\$): _____

CIP420C-Arroyo Chamiso Trail Extension at SF Place Mall: Wage Decision #SF-15-1813 A
 Construction of multi-use concrete trail, grading, minor drainage structures, retaining wall, misc.
 signing and striping, minor landscape work

**TYPE "A" - STREET, HIGHWAY, UTILITY & LIGHT
 ENGINEERING
 Effective September 24, 2015**

Trade Classification	Base Rate	Fringe Rate
Bricklayer/Blocklayer/Stonemason	23.32	8.04
Carpenter/Lather	23.40	9.02
Cement Mason	17.11	6.32
Ironworker	26.12	14.02
Painter (Brush/Roller/Spray)	16.00	5.58
Electricians (outside)		
Groundman	21.28	10.53
Equipment Operator	30.54	12.94
Lineman/Wireman or Tech	35.94	14.34
Cable Splicer	39.52	15.28
Plumber/Pipefitter	28.30	4.07
Laborers		
Group I	12.20	5.30
Group II	12.50	5.30
Group III	12.90	5.30
Operators		
Group I	16.69	6.16
Group II	17.44	6.16
Group III	17.55	6.16
Group IV	17.63	6.16
Group V	17.75	6.16
Group VI	17.89	6.16
Group VII	18.27	6.16
Group VIII	18.50	6.16
Group IX	25.45	6.16
Group X	28.35	6.16
Truck Drivers		
Group I	13.32	0.26
Group II	13.52	0.26
Group III	13.72	0.26
Group IV	13.92	0.26

NOTE: SUBSISTENCE, ZONE AND INCENTIVE PAY APPLY ACCORDING TO THE PARTICULAR TRADES COLLECTIVE BARGAINING AGREEMENT. DETAILS ARE LOCATED AT WWW.DWS.STATE.NM.US.

SUSANA MARTINEZ
GOVERNOR



CELINA BUSSEY
SECRETARY

JOHN SANCHEZ
LT. GOVERNOR

STATE OF NEW MEXICO
DEPARTMENT OF WORKFORCE SOLUTIONS
121 Tijeras Ave NE Suite 3000
Albuquerque, NM 87102
Telephone (505) 841-4405
Fax (505) 841-4424

PUBLIC WORKS PROJECT REQUIREMENTS

As a participant in a Public Works project valued at more than \$60,000 in the State of New Mexico, the following list addresses many of the responsibilities that are assigned by statute to each project stakeholder.

Contracting Agency

- Ensure that all contractors/prime contractors wishing to bid on a Public Works project when the project is \$60,000 or more are actively registered with the Labor Relations Division, Labor Enforcement Fund (LEF) prior to bidding.
- Provide completed Notice of Award (NOA) and Sub-Contractor list to Labor Relations Division promptly after the project is awarded.
- Provide updates to the Sub-Contractor list to the Labor Relations Division

General Contractor

- Provide to the Contracting Agency within 3 (Three) days of award a complete sub-contractor list and Statements of Intent (SOI) to pay Prevailing Wages for each contractor.
- Ensure that all sub-contractors wishing to bid on a Public Works project when their portion is over \$60,000 are actively registered with the Labor Relations Division prior to bidding.
- Submit bi-weekly certified payrolls to the owner/contracting agency.
- Make certain NM Apprenticeship and Training Fund payments are to be paid either to an approved Apprenticeship program or to the Labor Relations Division.
- Confirm the Wage Rate poster, provided by the Labor Relations Division, is displayed at the job site in an easily accessible place.
- Make sure, when a project has been completed, the Affidavits of Wages Paid (AWP) is sent to the Contracting Agency.

Sub-Contractor

- Ensure that all sub-contractors wishing to bid on a Public Works project when their portion is over \$60,000 are actively registered with the Labor Relations Division prior to bidding.
- Submit bi-weekly certified payrolls to the General Contractor(s).
- Make certain NM Apprenticeship and Training Fund payments are to be paid either to an approved Apprenticeship program or to the Labor Relations Division.

"AN EQUAL OPPORTUNITY EMPLOYER"

Additional Information

Reference material and forms for these requirements are available through the following New Mexico Workforce Solutions Web Link.

www.dws.state.nm.us/new/Labor_Relations/publicworks.html.

Additional Information

Additional information, requirements, and documents on these topics can be found through the Public Works web pages.

- Labor Enforcement Fund (LEF)
- Weekly Certified Payroll
- Public Works Apprenticeship and Training Fund (PWAT)
- Forms: Statement of Intent (SOI), Affidavit of Wages Paid (AWP)
- Prevailing Wage Rates (Base Rates, Fringe, and Apprenticeship Contributions)

CONTACT INFORMATION

Contact us for any questions relating to Public Works Projects.

Kim Kew Kim.Kew@state.nm.us or 505-841-4405

Otis Caddy LynnO.Caddy@state.nm.us 505-841-4406

Stacey Lowrey Stacey.Lowrey@state.nm.us 505-841-4412

Violet Miera Violet.Miera2@state.nm.us 505-841-4418

D. NOTICE TO CONTRACTORS

NOTICE TO CONTRACTORS 1/4/2016

D.1. CONTRACT TIME

The contract time count consisting of a Contract Completion Time & Substantial Completion Time shall govern this project.

Contract Completion Time

The Contract Completion Time for this contract is 30 Weather Working Days. The Contract Completion Time count will commence on the date specified in the Notice to Proceed submitted to the Contractor by the City and shall end upon Physical Completion of the contract. All work in the contract, including bid alternates (if applicable), shall be completed within this time in accordance with the definition of "Physical Completion" in Section 101 of the Standard Specifications. For purposes of this contract, this time shall be known as the "Contract Completion Time". The contractor shall be assessed liquidated damages for each consecutive Calendar Day in excess of this time in accordance with Section 108.8 Liquidated Damages, in the Standard Specifications.

Progress Schedule

The Contractor shall provide a progress schedule (CPM) to the City at the preconstruction conference (or sooner) for approval by the Project Manager prior to initiating any work on each task order. Contract & Substantial Completion Time shall be shown on the Contractor's progress schedule as specified in section 108.3.

Night Work & City Noise Ordinance

City of Santa Fe Noise Ordinance SFCC §10-2.4 B.(5)(a) prohibits operation of equipment used in construction work on streets in residential or commercially zoned areas between the hours of 9:00 p.m. and 7:00 a.m. the following day. However, the City of Santa Fe Public Works Dept. has the ability to request an exemption to this ordinance in accordance with SFCC §10-2.8 PERMITS if it is deemed advantageous to the task order. The contractor must request, in writing, a possible noise ordinance exemption prior to any work commencing on a task by task basis. If a permit is acquired, any night closures must be coordinated at least 48 hours in advance with the Project Manager. The Contractor shall take into consideration times and duration of such night work in the vicinity of hotels and motels. The City reserves the right to restrict night work operations in the near vicinity of hotels and motels as may be necessary. Should the contractor work nights, the city may require the contractor to turn off idling equipment and equipment back-up alarms (audible reverse signal alarms) within noise sensitive areas and substitute such use with an observer/signal person per OSHA requirements. Such cases will be evaluated and determined by the City on a case-by-case basis.

END OF NOTICE

D.2. TRAFFIC CONTROL

NOTICE TO CONTRACTORS 1/4/2016

The contractor shall prepare a traffic control plan to be submitted for approval by the project manager and the City of Santa Fe Traffic Engineer. Preparation, installation, and maintenance of said traffic control plan shall be considered included in the contract price for Item No. 702010 – Traffic Control Complete. Traffic control plan shall be coordinated with City of Santa Fe Transit Division at least 7 days prior to construction so as not to interfere with bus routes or schedules. Contact Santa Fe Trails Operations Manager, Annette Granillo, at 505-955-2002. Lane narrowing near construction limits is recommended to reduce traffic surcharges on excavated slopes.

END OF NOTICE

D.3. CONCRETE COLOR

NOTICE TO CONTRACTORS 1/4/2016

All sidewalk along the trail and exposed faces of retaining wall shall be "earth toned".

The City of Santa Fe has selected "Oatmeal Buff" from the QC Colortech color chart or an approved equal, as the designated color choice for concrete.

The color added to the concrete for the above mentioned items shall be included in the cost of the items; no additional payment will be made therefore.

The Contractor shall follow the manufacturer's mixing requirements for the colored concrete.

Any curb and gutter replacement or sidewalk within the Santa Fe Place Mall parking lot is not subject to this color requirement and shall be uncolored "gray" concrete.

END OF NOTICE

E. STANDARD SPECIFICATIONS AND GENERAL CONDITIONS

E.1. STANDARD SPECIFICATIONS

For: CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall, RFB # '16/25/B.

The "New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction," 2014 Edition, and the New Mexico Standard Specifications for Public Works Construction, are incorporated by reference, the same as if fully rewritten therein, in the contract, proposal, bond, and other contract documents for work to be performed under this contract for the City of Santa Fe. Said "New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction," 2014 Edition, and the New Mexico Standard Specifications for Public Works Construction, are for the purpose of the contract, proposal, bond, and other contract documents, supplemented, modified, and amended as follows, and as may be hereinbefore and hereinafter provided.

Whenever, in the Special Provisions and Supplemental Specifications the word "Section" is followed by a number and a caption (such as "Section 102.4 – Rejection of Proposals") reference is made to that specific section of the "New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction," 2014 Edition. The Supplemental General Conditions, Special Provisions and Supplemental Specifications shall govern over the Standard Specifications and are hereby made a part of the Contract Documents.

Where a conflict occurs between NMDOT and City of Santa Fe Special Provisions or City of Santa Fe Instructions to Bidders, the City of Santa Fe Special Provisions and Instructions to Bidders shall control.

New Mexico Department of Transportation Standard Specifications, Special Provisions, and Supplemental Specifications shall be interpreted using the following list where not covered by the Supplemental General Conditions contained herein. References listed to the right are to replace those on the left where those on the left appear in the text.

REFERENCE:

Commission, Department, District,
District Engineer, The State
Highway Commission or Department,
Cabinet Secretary or Secretary

Department

Engineer

REPLACE WITH:

The City of Santa Fe except where
such reference is to rules, codes,
or regulations, or pre-qualification
of bidders of the New Mexico
Department of Transportation

The City or its Consultant as
applicable

The City of Santa Fe Roadway &
Trails Engineering Division
Director acting through his duly
authorized representative who is
normally the Project Engineer,
Project Manager or Consulting
Engineer.

Project Manager	The individual designated by the Engineer who is responsible for observing construction and the administration of the project.
State	City or Owner

The General Provisions, Special Provisions, and Supplemental Specifications in the following sections modify the New Mexico Department of Transportation Standard Specification for the City of Santa Fe Projects.

	Page	
GENERAL PROVISIONS		
Section 101	Abbreviations, Symbols, Definitions and Terms	71
Section 102	Bidding Requirements and Conditions	72
Section 103	Award and Execution of Contract	74
Section 104	Scope of Work	74
Section 105	Control of Work	74
Section 106	Control of Materials	76
Section 107	Legal Relations, Environmental Requirements and Responsibility to Public	79
Section 108	Prosecution and Progress	80
Section 109	Measurement and Payment	81
SPECIAL PROVISIONS		
Sections 303 - 451	– Work Included in Payment	82
Sections 203 – 608	– Replace 304 Base Course with 303 Base Course	83
Section 201	– Clearing and Grubbing	84
Section 451	– Portland Cement Concrete Pavement	85
Section 702	– Traffic Control Devices During Construction	86
Section 901	– Quality Control/Quality Assurance (QC/QA)	89
SUPPLEMENTAL SPECIFICATIONS		
G.1	521999 – Cement Mortar and Grout	94
G.2	667004-A – Tree Protection and Trimming	96
G.3	667004-B – Site Furnishings	100
G.4	667004-C – Planting	101
G.5	667004-D – Native Grass Seeding	108
G.6	667300 – Concrete Block Masonry Structures – Split/Fluted Face	113
G.7	667301 – Upgrade Split/Flute Face CMU To Polished/Burnished	115
G.8	702010 – Traffic Control Complete	116

E.2. GENERAL PROVISIONS

All provisions of the “New Mexico Department of Transportation Standard Specifications for Road and Bridge Construction” – 2014 Edition shall apply except as modified herein.

DIVISION 100 - GENERAL PROVISIONS

SECTION 101 – ABBREVIATIONS, SYMBOLS, TERMS, AND DEFINITIONS

SECTION 101.4 – TERMS AND DEFINITIONS.

Add the following definitions:

AS-BUILT PLANS - Final drawings reflecting work and quantities performed under the contract.

CITY - The City of Santa Fe, New Mexico.

CONDUIT - A pipe of tube used for receiving and protecting utility lines.

CONTRACT ITEM (PAY ITEM) – A specifically described unit of work for which a price is provided in the contract.

COST REDUCTION PROPOSALS. Contractor –provided alternates to the work methods or materials specified in the contract that establish a better or approved equal product or result without affecting the functional purpose of the work being revised and that produce a net savings to the owner.

OWNER - The contracting agent. "City of Santa Fe".

RIGHT OF WAY AGREEMENT - A contract with a property owner to sell specific rights to the City for real property necessary to construct or maintain roadways.

UNIT BID PRICE - The Price established be the Contractor for an individual item of work on the bid form.

Modify the following definitions:

ASSISTANT DISTRICT ENGINEER – Delete entire definition.

AWARD - Delete the entire sentence and replace with: "The written acceptance by the owner of the complete set of Contract Documents as set forth in the Instructions for Bidders, Article 6".

BID FORM - Replace the word "Department" with "Owner".

BID GUARANTY - Replace the word "Department" with "Owner".

CABINET SECRETARY - Delete entire definition.

CONSTRUCTION MAINTENANCE EASEMENT - Replace the word "Department" with "Owner".

CONTRACT - In the first sentence replace the word "Department" with "Owner".

CONTRACTOR - Replace the word "Department" with "Owner".

DEPARTMENT - Delete entire subsection.

DISTRICT - Delete entire definition.

DISTRICT ENGINEER - Delete entire definition.

DISTRICT CONSTRUCTION ENGINEER - Delete entire definition.

ENGINEER - Delete entire definition and replace with "Roadway & Trails Engineering Division Director acting through and duly authorized representative, who is normally the Project Engineer, Project Manager or Consulting Engineer".

ENVIRONMENTAL SPECIALIST – At the beginning after “The individual” add “designated by the Engineer,”

GENERAL OFFICE - Delete entire definition.

INSPECTOR - Replace the wording "project manager's" with "Engineer's".

LABORATORY - Delete entire definition and replace with "an approved testing laboratory under the supervision and responsibility of a New Mexico Registered Professional Engineer".

LANDSCAPE ARCHITECT – Replace the words “Cabinet Secretary’s” with “Engineer’s”.

LIGHTING AND SIGNING ENGINEER - Replace the word "Department" with "Owner".

PAY ADJUSTMENT - Replace the word "Department" with "Owner".

PROFILE GRADE - Replace the word "Department" with "Engineer".

PROJECT MANAGER - Delete entire definition and replace with "The individual designated by the Engineer who is responsible for observing construction and the administration of the project".

SECRETARY - Delete entire definition.

SUBSTANTIAL COMPLETION – Replace the words “District Construction Engineer” with “Engineer”.

SUPPLEMENTAL AGREEMENT - Replace the word "Department" with "Owner".

SUSPENSION AND DEBARMENT - Replace the word "Department" with "Owner".

UNBALANCED BID - Replace the word "Department" with "Owner".

VALUE ENGINEERING COST PROPOSAL - Replace the word "Department" with "Owner", replace the words “Project Manager” with “Engineer”.

WORKING DAY - Replace the word "Department" with "Owner".

SECTION 102 - BIDDING REQUIREMENTS AND CONDITIONS

102.2 PREQUALIFICATION OF BIDDERS - Replace the word "Department" with "New Mexico Highway and Transportation Department".

102.3 SUSPENSION AND DEBARMENT. Delete the paragraph in its entirety and substitute the following:

SUSPENSION FROM BIDDING. The Owner may suspend for a period of up to thirty-six months any person and any subsidiary or affiliate of any person from bidding on City projects and from being a subcontractor or supplier on City projects if that person or any officer, director, employee or agent of that person is debarred under New Mexico State Highway and Transportation Department Regulations or City of Santa Fe Purchasing provisions. Under that section, "a person" means any individual, partnership, Corporation, association or other entity formed for the purpose of doing business as a contractor, subcontractor or supplier."

- 102.4 **BID PACKAGE.** First paragraph, first sentence replace the word "Department" with "Owner". Delete the second numbered sentence.
- 102.5 **REFUSAL OR REJECTION OF BIDS.** First paragraph, first sentence and in subsections (2.), (7.), (9.), and (10.), replace the word "Department" with "Owner".
- 102.7 **EXAMINATION OF CONTRACT, PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK.** Replace the word "Department" with "Owner" throughout entire subsection.
- 102.8 Delete Subsection 102.8 - PREPARATION OF BID and substitute the following:

PREPARATION OF BID. The bidder shall submit his proposal on the forms furnished by the Owner. The blank spaces in the proposal shall be filled in correctly where indicated, for each item given and the bidder shall state both in words and numerals, written or printed in ink or typewritten, the unit bid prices for which he proposes to do each item of the work contemplated. In case of a discrepancy between the prices written in words and those written in numerals, the prices written in words shall govern.

In the event that either the unit bid price written in words or the unit bid price written in numerals is inadvertently omitted, the unit bid price that is shown for that item shall govern. If both the written and numerical unit bid price is omitted, the extended total shall be divided by the estimated quantity thereby establishing a unit bid price. If the written price, numerical unit bid price and extended total are omitted, the bid proposal shall be rejected.

The bidder shall specify a unit bid price for each item, except when a unit bid price is established by the Owner. The unit bid price will be taken to include any and all insurance and overhead expense necessary to complete that bid item.

The bidder shall show the products of the respective unit bid prices and quantities and shall also show the total amount of his bid in the space provided in the proposal form. Said total amount bid shall be the total sum obtained by adding the amounts of the individual items.

The bidder is permitted to show the amount(s) for the respective unit bid price(s) written in words and written in numerals to a maximum of two decimal places. Any additional decimal places in excess of two shall be truncated and will not be considered in the processing of the proposal.

- 102.9 **INNOVATIVE CONTRACT INCENTIVES.** Replace the word "Department" with "Owner".
- 102.12 **DELIVERY OF BIDS.** Replace the word "Department" with "Owner" throughout.
- 102.13 **REVISION OF BIDS.** Replace the word "Department" with "Owner".
- 102.14 **WITHDRAWAL OF BIDS.** Replace the word "Department" with "Owner".
- 102.15 **BID OPENING.** Replace the word "Department" with "Owner".

102.16 ENGINEER'S ESTIMATE. Replace the word "Department" with "Owner".

SECTION 103 - AWARD AND EXECUTION OF CONTRACT.

- 103.1 CONSIDERATION OF BIDS. Replace the word "Department" with "Owner" throughout the subsection.
- 103.2 AWARD OF CONTRACT - Replace the word "Department" with "Owner" throughout the subsection. Change the time to award contract from thirty-(30) calendar days to sixty-(60) calendar days.
- 103.3 BIDDING DISPUTE RESOLUTION PROCEDURES - Replace the word "Department" with "Owner" throughout the subsection. Replace the word "Secretary" with "Engineer" throughout the subsection.
- 103.4 CANCELLATION OF AWARD. Replace the word "Department" with "Owner" throughout.
- 103.5 RETURN OF BID GUARANTEE - Delete entirely.
- 103.6 REQUIREMENT OF CONTRACT BOND. Replace the word "Department" with "Owner".
- 103.7 EXECUTION AND APPROVAL OF CONTRACT. Replace the word "Department" with "Owner".
- 103.8 FAILURE TO EXECUTE CONTRACT. Replace the word "Department" with "Owner".

SECTION 104 - SCOPE OF WORK.

- 104.1 INTENT OF THE CONTRACT. Replace the word "Department" with "Owner" throughout.
- 104.2 SIGNIFICANT CHANGES IN THE CHARACTER OF THE WORK. Replace the word "Department" with "Owner" throughout the subsection.
- 104.3 DIFFERING SITE CONDITIONS. Replace the word "Department" with "Owner".
- 104.5 MAINTENANCE OF TRAFFIC - Replace the word "Department" with "Owner" throughout the subsection.
- 104.6 RIGHTS IN AND USE OF MATERIALS FOUND ON THE WORK - Replace the word "Department" with "Owner" throughout the subsection.
- 104.8 VALUE ENGINEERING COST PROPOSAL (VECP). Replace the word "Department" with "Owner" throughout the subsection.

SECTION 105 - CONTROL OF WORK.

- 105.1 RESPONSIBILITY AND AUTHORITY OF THE DEPARTMENT - Replace the word "Department" with "Owner" in the subsection heading and throughout the subsection.
- 105.2 PLANS AND WORKING DRAWINGS. Replace the word "Department" with "Owner" throughout the subsection.
- 105.3 COMPLIANCE WITH PLANS AND SPECIFICATIONS. Replace the word "Department" with

"Owner" throughout the subsection.

- 105.4 COORDINATION OF CONTRACT DOCUMENTS. Replace the word "Department" with "Owner" throughout the subsection.
- 105.5 COOPERATION BY CONTRACTOR. Replace the word "Department" with "Owner" throughout.
- 105.6 COOPERATION WITH UTILITIES. Replace the word "Department" with "Owner" throughout.
- 105.7 COOPERATION BETWEEN CONTRACTORS. Replace the word "Department" with "Owner" throughout.
- 105.8 AUTHORITY AND DUTIES OF PROJECT MANAGER. Delete entire subsection and substitute the following:
- AUTHORITY AND DUTIES OF PROJECT MANAGER. The Project Manager, as a project representative of the Engineer, shall have the authority to conduct on-site observations of the work in progress. Such on-site observation may extend to all or any part of the work and to the preparation, fabrication, or manufacture of the materials to be used.
- The Project Manager will not be authorized to alter or waive the provisions of the contract, issue instructions contrary to the plans or specifications, or act on or undertake any responsibilities of the Contractor.
- The Project Manager shall refer to the Engineer all defects and deficiencies occurring in the work and shall be the liaison between the Engineer and the Contractor regarding such defects and deficiencies."
- The Project Manager will be responsible for determining constructed quantities and for administration of monthly progress payments.
- 105.9 DUTIES OF THE INSPECTOR. Delete entire subsection.
- 105.10 INSPECTION OF WORK. Replace the word "Department" with "Engineer" throughout the subsection.
- 105.11 REMOVAL OF UNACCEPTABLE AND UNAUTHORIZED WORK. Replace the word "Department" with "Engineer" throughout the subsection.
- 105.12 LOAD RESTRICTIONS - Replace the word "Department" with "Owner" throughout the subsection.
- 105.13 HAUL ROADS - Replace the word "Department" with "Owner" throughout.
- 105.15 MAINTENANCE DURING CONSTRUCTION - Replace the word "Department" with "Owner" throughout the subsection.
- 105.16 FAILURE TO MAINTAIN ROADWAY OR STRUCTURE - Replace the word "Department" with "Owner" throughout the subsection.
- 105.17 CONTRACT ADJUSTMENT FOR SUSPENSION OF WORK - Replace the word "Department" with "Owner" throughout the subsection.
- 105.18 ACCEPTANCE. Subsection (105.18.2) Final Acceptance, replace the wording "and the District Construction Engineer" with "Engineer and Owner". Replace the word "Department" with "Owner" throughout the subsection.

105.20 ADMINISTRATIVE REMEDY. Delete this entire Subsection.

SECTION 106 - CONTROL OF MATERIALS.

106.1 CONTRACTOR-FURNISHED AGGREGATE AND BORROW SOURCE. Replace the word "Department" with "Owner" throughout.

106.2 SUPPLIER PLANT INSPECTION. Replace the word "Department" with "Owner" throughout the subsection.

106.3 SAMPLES, TESTS, CITED SPECIFICATIONS. Replace the word "Department" with "Owner" throughout the subsection. Delete the second paragraph. Add to this subsection the following:

Sampling and testing of materials and manufactured items incorporated into the work shall be accomplished as designated in the invitation for bid package. All sampling and testing shall be performed by an approved testing laboratory, on the Department's approved list, under the supervision and responsibility of a New Mexico Registered Professional Engineer. Materials and items manufactured outside the State of New Mexico shall be accompanied by a Certificate of Compliance prepared in accordance with requirements of subsection 106.4 - Certificate of Compliance.

Job mix formulae and design mixes shall be prepared by an approved testing laboratory, on the Department's approved list, under the supervision and responsibility of a New Mexico Registered Professional Engineer. All formulae and design mixes shall be approved by the Engineer prior to materials being incorporated into the work. The Engineer shall determine the type, number, and location of tests to be performed.

Copies of all laboratory and field test results shall be forwarded to the Engineer and the Owner, as soon as reasonably possible after the tests are complete. No subsequent work shall be accomplished until such time that test results have been received and approved by the Project Manager.

The Contractor shall bear the cost of all re-testing due to the first test or subsequent tests failing to show results meeting the specifications.

106.4 CERTIFICATE OF COMPLIANCE - Delete in its entirety and replace with the following:

Submittals include the furnishing of all manufacturer's data, shop drawings, samples, certifications, guarantees, lab and field test reports, operation manuals, maintenance manuals, lubrication charts, design mixes, spare parts lists, special tools, and factory representative required for installation of special items, in full compliance with the Contract Documents. All submittals shall be submitted for Engineer's review before installation or incorporation into work or within 30 days after effective date of Notice to Proceed, unless the Engineer approves a different schedule. Each submittal shall include reference to project and date, general summary description of items being submitted and a certificate of compliance signed by the appropriate company official.

Should any requirements pertaining to submittals not be complied with, including but not limited to submittal time and procedure, Contractor waives any right of claim for loss of time or money purporting to have occurred as a result of any delay in obtaining review of submitted data or shop drawings.

On the following pages are listed items, which will be required to complete the work for which submittals shall be required. The schedule of submittals is for the convenience of the Contractor,

and shall not be considered as complete or final. Additional submittals may be required as the Work progresses, which shall be submitted within 15 days of notification.

The following is a general explanation of some of the terms used in the schedule of submittals chart included herein:

Manufacturer's Data: Catalog type literature on the item.

Shop Drawings: Detailed drawings with all dimensions and locations shown.

Samples: The item that will be supplied.

Certifications: Any certifications required by these Specifications or standard specification and/or requirements for that item, to cover raw materials and testing of the final product.

Guarantees: A copy of the guarantee to be given to the Owner on a particular item.

Lab Test Reports: Laboratory test reports required to show that the item meets all specified requirements, or required for the preparation of a design mix or job mix formula.

Field Test Reports: Reports of tests that have been conducted on the item as installed or constructed in the field.

Design Mix: Design or job mix formulae, prepared by a qualified testing laboratory, under the direct supervision of Registered Professional Engineer, stating a recommended mix or combination of materials to produce a specified product. If permitted by the Contract Documents, a design or job mix formula submitted which is not prepared specifically for this Project shall have been prepared within one year of the date of the Agreement and shall be accompanied by a certification from the testing laboratory stating that the materials proposed for use have the same properties as those previously tested.

Computations: Calculation required to arrive at the design of a particular item submitted as a shop drawing.

Schedule of Submittals:							
(All submittals shall be in 2 copies)	Manufacturer & Data & Source	Shop Drawings	Samples	Certificates	Lab Test Reports	Field Test Reports	Design Mix & Supporting Documents, all dates to be current
Borrow					X	X	
Backfill & Subgrade					X	X	
Structural Concrete					X	X	X
Concrete Admixtures				X			
Aggregate for Concrete					X		
Cement				X			
Reinforcing Steel	X	X		X			
Welder Certificate				X			
Culvert Pipe	X			X			
Rip Rap				X			
Pedestrian Railing	X	X		X			
Concrete Masonry Unit Block Wall	X	X	X	X			
Mortar	X						
Sign Posts				X			
Signs Materials / Reflective Tape, etc.				X			
Pavement Markings				X			
Compost			X				
Mulch			X				
Revegetation Seed Mix				X			
Site Furnishings	X						

- 106.5 FOREIGN MATERIALS - Replace the word "Department" with "Owner" throughout the subsection.
- 106.6 STORAGE OF MATERIALS - Replace the word "Department" with "Owner" throughout the subsection.
- 106.8 DEPARTMENT-PROVIDES MATERIAL. Delete this title and replace with "NON-CONTRACTOR FURNISHED MATERIAL". Replace the words "the Department" with "others".
- 106.9 MATERIALS DESIGNATED BY TRADE NAME - Replace the word "Department" with "Owner" throughout the subsection.
- 106.10 EQUIPMENT GUARANTEES AND WARRANTIES. Replace the word "Department" with "Owner" throughout. In the second sentence replace the wording "one year" with "two years", and add to this subsection the following:
- "General Guaranty"
- Neither the final certificate of payment nor any provision in the Contract Documents, nor partial or entire occupancy of the Owner, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. **The Contractor shall remedy any defects in the work and pay for any damage to other work resulting there from, which shall appear within a period of two years from the date of final acceptance of the work unless a longer period is specified. The Owner will give notice of observed defects with reasonable promptness.**
- 106.12 PREFERENCE FOR DOMESTIC MATERIALS - Replace the word "Department" with "Owner" throughout the subsection.

SECTION 107 - LEGAL RELATIONS, ENVIRONMENTAL REQUIREMENTS, AND RESPONSIBILITY TO THE PUBLIC.

- 107.1 LAWS TO BE OBSERVED. First paragraph, last sentence, replace "state" with "Owner".
- 107.3 COMPLIANCE WITH PAYMENT OF TAXES. Replace the word "Department" with "Owner".
- 107.4 GROSS RECEIPT TAXES, INDIAN BUSINESS ACTIVITY, AND TRIBAL EMPLOYMENT RIGHTS ORGANIZATION TAXES. Replace the word "Department" with "Owner" throughout the subsection.
- 107.5 PATENTED DEVICES, MATERIALS, AND PROCESS. Replace the word "Department" with "Owner" throughout the subsection.
- 107.6 RESTORATION OF SURFACES OPENED BY PERMIT. First paragraph replace "Department with "Owner" and delete "municipal or County authorities,". Second paragraph, delete the last sentence and replace with "Individuals, firms or corporations wishing to make an opening in the highway surface must secure a permit from the New Mexico State Highway and Transportation Department and the Owner. The Contractor shall allow parties bearing said permits, and only those parties, to make openings in the highway.
- 107.7 FEDERAL AID PROVISION. Replace the word "Department" with "City".
- 107.8 SANITARY, HEALTH, AND SAFETY PROVISIONS. Replace the word "Department" with "City".

- 107.10 RAILROADS. Replace the word "Department" with "Owner" throughout the subsection.
- 107.12 ENVIRONMENTAL, HAZARDOUS MATERIALS AND CULTURAL RESOURCE DISCOVERIES. Replace the word "Department" with "Owner" throughout the subsection.
- 107.13 CONTRACTOR'S RESPONSIBILITY FOR DAMAGE TO ENVIRONMENTAL AND CULTURAL RESOURCES. Replace the word "Department" with "Owner".
- 107.14 CONTRACTOR'S RESPONSIBILITY FOR ENVIRONMENTAL AND CULTURAL RESOURCE PROTECTION. Replace the word "Department" with "Owner".
- 107.18 PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY. Replace the word "Department" with "Owner".
- 107.19 RESPONSIBILITY FOR THIRD PARTY CLAIMS AND DUTY TO DEFEND. Replace the word "Department" with "Owner".
- 107.20 CONTRACTOR'S RESPONSIBILITY. Replace the word "Department" with "Owner" throughout the subsection.
- 107.21 CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES. In the fourth paragraph replace the word "State" with "City".
- 107.22 FURNISHING RIGHT OF WAY. Replace the word "Department" with "Owner".
- 107.23 PERSONAL LIABILITY OF PUBLIC OFFICIALS. Replace the word "Department" with "Owner" throughout the subsection.
- 107.24 NO THIRD-PARTY LIABILITY. Replace the word "Department" with "Owner" throughout the subsection.
- 107.25 INSURANCE REQUIREMENTS. Replace the word "Department" with "Owner" throughout the subsection.
- 107.26 NO WAIVER OF LEGAL RIGHTS. Replace the word "Department" with "City" throughout the subsection.
- 107.27 CONTRACTORS RESPONSIBILITY FOR THE TRAVELING PUBLIC. In the subsection second paragraph replace the word "Department" with "City".

SECTION 108 - PROSECUTION AND PROGRESS.

- 108.1 SUBCONTRACTING. Replace the word "Department" with "Owner" throughout the subsection.
- 108.2 NOTICE TO PROCEED AND PRE-CONSTRUCTION CONFERENCE. Replace the word "Department" with "Owner" throughout the subsection.
- 108.3 SCHEDULE. Replace the word "Department" with "Owner" throughout the subsection.
- 108.4 UNSATISFACTORY PROGRESS OF WORK. Replace the word "Department" with "Owner" throughout the subsection.
- 108.6 DETERMINATION AND EXTENSION OF CONTRACT TIME. Replace the word "Department" with "Owner" throughout the subsection.

- 108.7 FAILURE TO COMPLETE ON TIME. Replace the word "Department" with "Owner" throughout the subsection.
- 108.8 LIQUIDATED DAMAGES. Replace the word "Department" with "Owner" throughout the subsection.
- 108.9 DEFAULT OF CONTRACT. Replace the word "Department" with "Owner" throughout the subsection.
- 108.10 TERMINATION OF CONTRACT; NO FAULT OF CONTRACTOR. Replace the word "Department" with "Owner" throughout the subsection.

SECTION 109 - MEASUREMENT AND PAYMENT.

- 109.1 MEASUREMENT OF QUANTITY. Replace the word "Department" with "Owner" throughout the subsection.
- 109.2 APPROVED EQUIPMENT RENTAL RATES. Replace the word "Department" with "Owner" throughout the subsection.
- 109.3 SCOPE OF PAYMENT. Replace the word "Department" with "Owner" throughout the subsection.
- 109.4 COMPENSATION FOR OVERRUN / UNDERRUN QUANTITIES. Replace the word "Department" with "Owner" throughout the subsection.
- 109.5 PAYMENT FOR CHANGES, DIFFERING SITE CONDITIONS, AND EXTRA WORK. Replace the word "Department" with "Owner" throughout the subsection.
- 109.6 FORCE ACCOUNT. Replace the word "Department" with "Owner" throughout the subsection.
- 109.7 ELIMINATED ITEMS. Replace the word "Department" with "Owner" throughout the subsection.
- 109.8 PROGRESS PAYMENTS. Replace the word "Department" to "Owner" throughout. Fourth paragraph after "Accepted by the Project Manager" add "and Owner".
- 109.10 PROJECT CLOSURE. Replace the word "Department" with "Owner" throughout the subsection.
- 109.11 COMPENSATION FOR CLAIMS. Replace the word "Department" with "Owner" throughout the subsection.

F. SPECIAL PROVISIONS

NEW MEXICO DEPARTMENT OF TRANSPORTATION SPECIAL PROVISIONS MODIFYING

F.1. SECTIONS 303 – 451: WORK INCLUDED IN PAYMENT

303 BASE COURSE

451 PORTLAND CEMENT CONCRETE PAVEMENT

All provisions of these sections in the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, shall apply in addition to the following:

303.5.1 WORK INCLUDED IN PAYMENT

451.5.2 WORK INCLUDED IN PAYMENT

Add the following:

The development of the Contractor Quality Control Plan shall be included in the payment and is considered incidental to the completion of this Bid Item. All references to 901.2 "Contractor Quality Control" is for reference only and no separate measurement will be made.

NEW MEXICO DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS MODIFYING

F.2. SECTIONS 203 – 608: REPLACE 304 BASE COURSE WITH 303 BASE COURSE

**203 EXCAVATION, BORROW, AND EMBANKMENT
608 SIDEWALKS, DRIVE PADS AND CONCRETE MEDIAN PAVEMENT**

All provisions of these sections in the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, shall apply in addition to the following:

Delete reference to **304 Base Course** and replace with **303 Base Course** for the following subsections:

203.3.3 Rock Cuts

608.2.3 Bed Course Material

NEW MEXICO DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS MODIFYING

F.3. SECTION 201 CLEARING AND GRUBBING

All provisions of SECTION 201 – CLEARING AND GRUBBING of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, shall apply in addition to the following:

Add the following to **201.3 CONSTRUCTION REQUIREMENTS**

201.3.1 GENERAL

The Contractor shall comply with Section 620 of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction 2014 Edition for herbicide application.

201.5.1 Work Included in Payment

Selective / Non-Selective Herbicide Application will be paid only if the Plans list this item in the Estimated Quantities table.

NEW MEXICO DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS MODIFYING

F.4. SECTION 451 PORTLAND CEMENT CONCRETE PAVEMENT (PCCP) (NON-QLA)

All provisions of SECTION 451 – PORTLAND CEMENT CONCRETE PAVEMENT (PCCP) (Non-QLA) of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, shall apply except as modified herein:

Delete subsection **451.3.9.1 Contractor Quality Control**, and replace with the following;

451.3.9.1 Contractor Quality Control

See Section 450.3.10.1, “Contractor Quality Control”

NEW MEXICO DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS
FOR

F.5. SECTION 702 TRAFFIC CONTROL DEVICES DURING CONSTRUCTION

All provisions of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, shall apply in addition to the following:

1.0 DESCRIPTION.

1.01 This work shall consist of implementing the necessary traffic control during construction in conformance with the contract and the Manual of Uniform Traffic Control Devices. The Contractor shall submit all proposed traffic control changes to the contract traffic control plan detailed in the construction plans to the Project Manager, for review and approval by the District Traffic Engineer/or Local Government Agency Engineer or designee, prior to beginning construction operations.

1.02 The Contractor shall furnish all materials, tools, labor, equipment and all other appurtenances necessary to complete the work. The materials shall include, all interim and temporary signing, temporary stripe removals, construction signing, steel posts, base posts, portable sign supports, barricades, drums, sequential arrow displays, and flaggers as necessary to complete the traffic control detailed in the construction plans or modifications to the plan details as approved by the District Traffic Engineer including all setups and resetting of devices.

1.03 Submittals. The Contractor shall submit a summary of all necessary traffic control devices for this project in the format shown as TABLE 1 to the Project Manager at least two (2) weeks prior to the pre-construction conference. A minimum of five (5) copies shall be provided to the Project Manager. The summary shall be complete with appropriate supporting sections referenced, device descriptions, units of measure, quantities required, unit costs, and total costs for each type of device. The itemized costs for each device shall include all associated work and materials defined in the appropriate supporting section of the standard specifications, including all revisions. The Contractor will not be allowed to initiate any work on the project until TABLE 1 has been provided to the Project Manager.

TABLE 1

SUPPORTING SECTION	DEVICE DESCRIPTION	UNIT OF MEASURE	QTY.	UNIT COST	TOTAL COST
SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION					
SS 702	CONSTRUCTION SIGNING	SQ. FT.			
SS 702	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	LIN. FT.			
SS 702	BARRICADE, TYPE I	EACH			
SS 702	BARRICADE, TYPE II	EACH			
SS 702	BARRICADE, TYPE III-1.8 m	EACH			
SS 702	BARRICADE, TYPE III-2.4 m	EACH			
SS 702	VERTICAL PANEL, TYPE SINGLE	EACH			
SS 702	VERTICAL PANEL, TYPE BACK TO BACK	EACH			
SS 702	CONSTRUCTION TRAFFIC MARKER	EACH			
SS 702	PORTABLE SIGN SUPPORT	EACH			
SS 702	CHANNELIZATION DEVICES TYPE DRUM	EACH			
SS 702	TRAFFIC CONES	EACH			
SS 702	SEQUENTIAL ARROW DISPLAY	EACH			
SECTION 704 - PAVEMENT MARKINGS					
SS 704	RETROREFLECTORIZED PAINTED MARKINGS	LIN. FT.			
SS 704	REMOVABLE MARKING TAPE	LIN. FT.			
SS 704	TEMPORARY REFLECTIVE RAISED PAVEMENT MARKER TYPE TD	EACH			
SS 704	TEMPORARY REFLECTIVE RAISED PAVEMENT MARKER TYPE TG	EACH			
SS 704	TEMPORARY REFLECTIVE RAISED PAVEMENT MARKER TYPE TH	EACH			
SS 704	TEMPORARY REFLECTIVE RAISED PAVEMENT MARKER TYPE TJ	EACH			
SECTION 721 - PAVEMENT MARKING REMOVAL					
SS 721	REMOVAL OF PAVEMENT STRIPE	LN. FT.			
SS 721	REMOVAL OF PAVEMENT MARKING	EACH			
TOTAL FOR ITEM # 702010 TRAFFIC CONTROL DEVICES FOR CONSTRUCTION (LUMP SUM)				\$	

2.0 MATERIALS.

2.01 All materials shall conform to the applicable requirements of SECTION 701 - TRAFFIC SIGNS AND SIGN STRUCTURES, SECTION 702 - CONSTRUCTION TRAFFIC CONTROL DEVICES, and SECTION 704 - PAVEMENT MARKINGS.

3.0 CONSTRUCTION REQUIREMENTS.

3.01 All construction shall be effected by the Contractor in accordance with the applicable plan details and specifications shown in the contract or modifications to the plan details as approved by the District Traffic Engineer.

3.02 All materials and devices shall be maintained and replaced if necessary for the duration of the project in conformance with these specifications.

3.03 Traffic control shall be maintained in conformance with all specifications of SECTION 618 - TRAFFIC CONTROL MANAGEMENT, for the duration of the project.

4.0 METHOD OF MEASUREMENT.

4.01 When specifically designated for measurement and payment in the contract, traffic control devices during construction will be measured as a lump sum unit.

5.0 BASIS OF PAYMENT.

5.01 The accepted work for traffic control devices during construction will be paid for at the contract unit price lump sum. Payment shall be full compensation for furnishing all materials, tools, labor, equipment, hauling, and any other appurtenances necessary to satisfactorily complete and maintain adequate and safe traffic control until completion of the project.

This shall include all interim and temporary signing, temporary striping, temporary stripe removals, construction signing, steel posts, base posts, portable sign supports, barricades, drums, sequential arrow displays, traffic cones and flaggers as necessary to complete the traffic control detailed in the construction plans or modifications to the plan details as approved by the District Traffic Engineer. Setting and resetting of devices shall also be included in payment of this item.

5.03 Traffic Control Devices During Construction shall not be considered as eligible for a cost savings suggestion.

Payment will be made under:

PAY ITEM	PAY UNIT
Traffic Control Devices During Construction	Lump Sum

NEW MEXICO DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS MODIFYING

F.6. SECTION 901 QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)

All provisions of SECTION 901 – QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition, except as modified herein:

Add subsection **901.4.1 AGGREGATE INDEX** to follow **901.4 EVALUATION OF MATERIALS FOR ACCEPTANCE**.

901.4.1 AGGREGATE INDEX

901.4.1.1 DESCRIPTION

The AI combines test values from the Los Angeles Wear Test, Soundness Loss Test, and Absorption Test. The AI is a single value representing the overall quality of the source from which the aggregates are obtained. Do not use to evaluate individual aggregate stockpile quality.

901.4.1.2 Sampling and Testing Procedures

Determine Los Angeles wear, soundness loss, and absorption values for the AI equation using at least five random test samples obtained from all stockpiles at the source in accordance with AASHTO T 2. Submit all of the five samples to a Department approved private Laboratory for combination into a single sample. The Project Manager or the State Materials Bureau will have a list of approved private laboratories. Extract a representative test sample from the single sample to determine the Los Angeles wear and absorption values. Prepare the sample used to determine the absorption as follows:

Plus 3/4 in	1000 grams
3/4 in to 1/2 in	1000 grams
1/2 in to 3/8 in	1000 grams
3/8 in to #4	1000 grams

Separate the remaining amount of the single sample into five test samples using the procedures in AASHTO T 248. Calculate a soundness loss value for each of these five samples using Table 910.2:1, “Standard Gradation for Soundness Loss Testing.”

**Table 901.4.1.2:1
Standard Gradation for Soundness Loss Testing**

Sieve size	% passing
1 1/4 in	100
1 in	100
3/4 in	79
1/2 in	53
3/8 in	34
No. 4	0

Average the five soundness loss results to obtain the overall soundness loss value for the subject aggregate pit.

901.4.1.3 Testing of Aggregates

Perform the following tests using a Department-approved private Laboratory or the State Materials Bureau:

1. Los Angeles Wear (in accordance with AASHTO T 96, Method B);
2. Soundness loss (in accordance with AASHTO T 104); and
3. Absorption (in accordance with AASHTO T 85 or NMDOT 001 (20066)).

Use the same private Laboratory for the entire project unless otherwise approved (in writing) by the Project Manager.

Obtain samples under the observation of the Project Manager or Department designee. Split samples into two samples in accordance with AASHTO T 248, if requested by the Project Manager. The private Laboratory and the State Materials Bureau will each test one sample. Send copies of test reports to the Project Manager.

901.4.1.4 Frequency of Testing

Submit samples at least once every year to maintain continuous approval of Commercial Material Sources.

901.4.1.5 Equation

Calculate the AI of a coarse aggregate to the nearest whole number in accordance with the following equation:

$$AI = \frac{1}{3} \sqrt{LA^{2.2} + SL^{3.0} + A^{4.0}} \quad (1)$$

Where:

- AI* is the aggregate index
- LA* is the Los Angeles Wear, the percent of aggregate wear at 500 revolutions if tested in accordance with AASHTO T 96
- SL* is the soundness loss of the sample if tested in accordance with AASHTO T 104 using magnesium sulfate with a test duration of 5 cycles and a standard gradation
- A* is the absorption, the amount of moisture retained if tested in accordance with AASHTO T 85

Example:

1. Determine the L.A. Wear as a whole number – for example, 25;
2. Determine the Soundness Loss as a whole number – for example, 15;
3. Determine the Absorption as a whole number – for example, 3;
4. Calculate the value of the L.A. Wear taken to the 2.2 power – that is, $25^{(2.2)} = 1189.8$;
5. Calculate the value of the Soundness Loss taken to the 3rd power – that is, $15^{(3)} = 3375$;
6. Calculate the value of the Absorption taken to the 4th power – that is, $3^{(4)} = 81.0$;
7. Add the value obtained from steps 4, 5, and 6 – that is, $1189.8 + 3375 + 81.0 = 4645.8$;
8. Determine the square root of Step 7 – that is, $\sqrt{(4645.8)} = 68.2$;
9. Divide the result from Step 8 by 3 – that is, $68.2 \div 3 = 22.7$; The A.I. for this sample is 22.7.

901.7 BASIS OF PAYMENT

Replace Table 901.7:5 with the following:

Table 901.7:5			
Minimum Process Control Guidelines for Portland Cement Concrete Pavement (QC)			
Item	Property	Testing frequency	Test method
Fresh Concrete for PCCP	Unit Weight	1 per 125 yd ³	AASHTO T 121
	Air Entrainment	1 per 125 yd ³	AASHTO T 121
	Slump	1 per 125 yd ³	AASHTO T 119
	Compressive Strength	1 per 125 yd ³	AASHTO T 22, 23, 231
PCCP in Place	Thickness ^a	2 per 2,500 yd ² ^b	—
<p>^aComplete corrective Work specified in Section 450.3.5.2, “Surfacing Smoothness Requirements,” before determining pavement thickness</p> <p>^bDetermine thickness by actual survey conducted before and after the construction of the PCCP at fixed, randomly selected locations.</p>			

G. SUPPLEMENTAL SPECIFICATIONS

CITY OF SANTA FE

CIP420C Arroyo de los Chamisos Trail Extension at SF Place Mall RFB # '16/XX/B

LIST OF SUPPLEMENTAL PROJECT SPECIFICATIONS

- G.1 521999 – Cement Mortar and Grout
- G.2 667004-A – Tree Protection and Trimming
- G.3 667004-B – Site Furnishings
- G.4 667004-C – Planting
- G.5 667004-D – Native Grass Seeding
- G.6 667300 – Concrete Block Masonry Structures – Split/Fluted Face
- G.7 667301 – Upgrade Split/Flute Face CMU To Polished/Burnished
- G.8 702010 – Traffic Control Complete

G.1. 521999 - CEMENT MORTAR AND GROUT

521999.1 GENERAL

Cement mortar prepared under this specification shall consist of a mixture of cementitious materials, aggregate, and water.

521999.2 REFERENCES

521999.2.1 ASTM

C 5	C 207
C 91	C 266
C 144	C 270

521999.2.2 2014 NMDOT Standard Specifications for Highway and Bridge Construction

SECTION 509

52199.3 DESIGNATIONS

521999.3.1 The designation of cement mortar according to type listed in the following tabulation indicates the proportions of materials to be used in the preparation thereof; the proportions indicated are on a volume basis. The type of mortar to be used shall be as specified in Tables 1, Table 2, as shown on the plans, or as approved by the ENGINEER

521999.3.2 Grout shall be Type M or Type S mortar, unless otherwise approved by the ENGINEER. Neat cement grout shall consist of cement mixed with water as necessary to obtain a fluid and workable mix.

521999.4 AGGREGATES

Aggregates to be used shall conform with ASTM C 144.

521999.5 WATER

Water shall be clean and free of deleterious amounts of acids, alkalis, or organic materials.

521999.6 ADMIXTURES OR MORTAR COLORS

Admixtures or mortar colors shall not be added to the mortar at the time of mixing unless approved by the ENGINEER and, after the materials are so added, the mortar shall conform to the requirements of this specification.

521999.7 ANTIFREEZE COMPOUNDS

No antifreeze liquid, salts, or other substances shall be used in mortar to lower the freezing point.

521999.8 MEASURING AND MIXING OF MATERIALS

521999.8.1 The method of measuring materials for the mortar used in construction shall be such that the specified portions of the mortar materials can be controlled and accurately maintained.

521999.8.2 All cementitious materials and aggregate shall be mixed for at least 3 minutes with the maximum amount of water to produce a workable consistency in a mechanical batch mixer.

521999.8.3 Mortars that have stiffened because of evaporation of water from the mortar shall be retempered by adding water as frequently as needed to restore the required consistency. Mortars shall be used and placed in final position within 2 1/2 hours after initial mixing.

521999.9 TESTS

The mortar shall be designed and the laboratory mix tested in accordance with ASTM C 270.

521999.10 MEASUREMENT AND PAYMENT

521999.10.1 Grout is considered included in the contract price for 667300 or 667301 and no separate measurement and payment will be made for mortar.

TABLE 1
MORTAR TYPES

Mortar Type	Portland Cement	Masonry Cement	Aggregate, Measured In A Damp, Loose, Condition
M	1	1 (type II)	Not less than 2 1/4 and not more than 3 times the sum of the volumes of the cement used.
S	1/2	1 (type II)	

TABLE 2
MORTAR TYPE VS. STRENGTH

<u>Mortar Type</u>	<u>Average Compressive Strength at 28 days, psi</u>
M	2,500
S	1,800

G.2. 667004-A – TREE PROTECTION AND TRIMMING

667004-A. GENERAL

667004-A.1 Related Documents

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

667004-A.2 SUMMARY

667004-A.2.1 This Section includes the following:

1. Inventory and document trees to be saved.
2. Install required protective fencing and signage.
3. Prune and clean existing trees to be saved.
4. Mitigate excavation exposure.
5. Clean understory.
6. Remove protective fencing and signage.

667004-A.2.2 Related Sections include the following:

1. Section 667004-C Planting

667004-A.2.3 Related Documents:

1. American National Standards Institute (ANSI), Section A300
2. American National Standards Institute (ANSI), Section Z133.1

667004-A.3 SUBMITTALS

667004-A.3.1 Submittal Procedures

Submit as per Division 1 - Submittals. All submittals for City of Santa Fe Arborist review shall be submitted through the Landscape Architect.

667004-A.3.2 Inventory and Documentation

1. The Contractor with input from Landscape Architect shall inventory and assess trees within project limits. The Contractor shall prepare a written Tree Inventory with the following information for each tree. The Inventory will be reviewed and approved by the Landscape Architect.
 - a. Identification number for each tree inventoried.
 - b. Species; size; tree condition or health.
 - c. Recommended action for each tree as determined with Landscape Architect. Activities may include: pruning, root pruning, trimming, and watering. Any watering shall only be for the duration of the construction contract and no more than once a week.
 - d. Identify trees to be removed on Tree Inventory. Mark trees to be removed with a durable identification tag imprinted with a number that matches number in Tree Inventory.

667004-A.3.3 Tree Inventory

Submit Tree Removal Inventory to the Landscape Architect at least ten (10) working days prior to the anticipated start of site work.

667004-A.3.4 Quality Assurance

All tree pruning and cleaning shall be performed under the direction of the Landscape Architect. The Contractor for the duration of the construction and maintenance period in these specifications shall coordinate tree pruning and cleaning reviews with the Landscape Architect.

667004-A.3 .5 Sequencing and Scheduling

1. Canopy pruning for Construction: As directed by Landscape Architect.
3. Root Pruning: Immediately before start of construction.
4. Understory Cleaning: Perform work when ground is dry, firm, and when soil zone not prone to compaction.

667004-A.4 QUALITY ASSURANCE

Pruning and trimming of existing trees and shrub materials shall be done as directed by the Landscape Architect.

667004-A.5 PRODUCTS

667004-A.5.1 Protective Fence:

1. Fencing: 48" orange plastic web fencing or 6' metal chain link fencing.
2. Metal Fence Posts: 4' or 6' maximum exposed height to match fencing height.

667004-A.6 EXECUTION

667004-A.6.1 Preparation

- A. Verification Of Conditions: Verify all utility locations in the field before digging.
- B. Tree Protection Fencing: The Landscape Architect shall approve the location and alignment of the protective fencing prior to installation of the fencing.

667004-A.6.2 Installation and Maintenance

- A. Install fence in locations as shown on the plan. Place fencing at perimeter of tree canopy or as per Landscape Architects directions.
- B. Install fence in an upright position and maintain intact until all construction activity is complete.

667004-A.6.3 Management

- A. Traffic: Prohibit parking, construction equipment, building supply or material storage, trash disposal, foot traffic and vehicular traffic in the Tree Preservation Areas.
- B. Work Within and in Close Proximity to Tree Preservation Areas:
 1. Remove trees shown on plans for removal in a manner that will not damage trees that are designated for preservation.
 2. Stump Removal:
 - a. Grind out stumps from all felled trees to depth required on the Drawings below final finished grade. General stump removal depths.
Trees 1" to 6" dia.: 12" below grade
Trees 7" to 10" dia: 18" below grade
Trees 11" or larger: 24" below grade
 - b. Remove wood chips from site.

3. Root Pruning:
 - a. Stake the limit of root pruning as directed by City of Santa Fe Arborist. The City Arborist shall approve limits of root pruning prior to the start of trenching in the field.
 - b. Roots over 1.5" caliper shall be hand excavated and hand cut using sharp saw and cleanly cut.
 - c. Root prune as directed by City of Santa Fe Arborist prior to the start of adjacent excavation.
 4. Excavation Insulation:
 - a. Provide mitigation from moisture and temperature fluctuations by pinning 3 layers of burlap onto the entire face of excavations exposed for more than 48 hours.
 - b. Wet burlap insulation immediately following installation.
 - c. Keep moist for the entire period the excavation remains open.
 - d. Remove insulation prior to backfilling.
 5. Limit fill to that shown on the grading plans. Deposit and spread specified fill in Tree Preservation Areas by hand. All backfill shall be free of building materials, stones and other debris, especially alkaline substances.
 6. Maintain positive drainage from Tree Preservation Areas. Divert runoff from site around Tree Preservation Areas.
 7. Remove and dispose of all debris from the site.
- C. Concrete Washout: Concrete washouts are prohibited in Tree Preservation Areas, and must be in area down slope from any plants or Tree Preservation Areas. All concrete wash or slurry or debris shall be removed from the project site at the end of the project, and disposed at a legal land fill or legal disposal site. The Landscape Architect shall approve location of concrete washout area prior to the start of any site work and inspect clean up at end of project.
- D. Burning: No burning is allowed on site.
- E. Understory Cleaning Within Tree Preservation Areas:
1. Unless otherwise shown on the plans, the ground surface within Tree Preservation Areas shall be cleared as directed by the Landscape Architect. Clearing activities include:
 - a. Remove dead trees and those indicated by the Landscape Architect. All trees shall be removed so as not to damage adjacent trees.
 - b. Remove all vines and brambles from trees.
 - c. Remove additional materials as directed by the Landscape Architect.
 - d. Remove and dispose of all debris from the site to legal disposal site.
 2. Seed cleaned areas in accordance with Seeding Specification for this project.
- F. Existing Tree Cleaning, Watering and Maintenance:
1. Continuously maintain all existing trees from the start of site work through project completion.
 2. Water under the direction of the Landscape Architect any trees which require root pruning or have suffered from construction impact.
 3. Water during periods of subnormal rainfall as recommended by the Landscape Architect.
 4. Remove damaged bark by cutting the bark back to healthy tissue with a sharp knife, tracing the outline of the wound.
 5. Remove and dispose of all debris from the site.

667004-A.6.4 Field Quality Control

- A. Contractor's Penalty for Negligence:

1. The Owner's Representative primarily and the Landscape Architect secondarily shall monitor the construction site. If, in their opinion, the Contractor, his agents, employees, sub-contractors or licensees are exercising procedures that are determined to be detrimental to the trees that are to be preserved, the Owner's Representative or Landscape Architect shall issue a "STOP WORK ORDER".
2. If, in the opinion of the Landscape Architect or the City of Santa Fe Arborist, the Contractor has damaged a tree beyond repair, the Contractor shall be required to reimburse the Owner at a rate of \$400.00 per caliper inch for each tree that is damaged or destroyed due to the Contractor's negligent operations. The Contractor shall be responsible for the cost of remedial maintenance of or removal of any damaged tree. Activities which are detrimental to existing trees include, but are not limited to the following:
 - a. Placing backfill in protected areas where not indicated by the grading plan.
 - b. Felling trees into protected areas.
 - c. Driving construction equipment into or through protected areas.
 - d. Burning in or in close proximity to protected areas.
 - e. Stacking or storing supplies in protected areas.
 - f. Changing site grades which cause drainage to flow into, or to collect in protected areas.
 - g. Conducting trenching operations in the vicinity of trees.
 - h. Grading in the vicinity of trees.
 - i. Pedestrian traffic in or through protected areas.
 - j. Physical damage to a tree.
3. The Contractor shall reimburse the Owner at a rate of \$100.00 per linear foot per day for any damaged or non-functioning protection fencing or siltation control fencing. The Contractor shall be responsible for the cost of remedial maintenance, fencing repair, and return of damaged area to pre-existing condition.

667004-A.6.5 Adjusting

A. Tree Preservation Area Access:

1. In Tree Preservation Areas where construction traffic is unavoidable as concurred by Landscape Architect and Owner's Representative the following procedure shall be followed.
 - a. Obtain approval from the Owner, and Landscape Architect for Tree Preservation Area access.
 - b. Install protective fencing by hand to delineate the construction corridor. Fencing location must be approved on site by the Landscape Architect prior to start of work in Tree Preservation Area.
 - c. Install a 12" layer of wood chips on the existing grade for the entire area of the traffic route to allay rutting and slightly reduce soil compaction.
 - d. Remove all materials and return area to pre-construction condition within one week of the work.

- B. Excavation Insulation: If in the Contractor's opinion, climate conditions do not necessitate the installation of burlap insulation at an excavation, he may submit to the Landscape Architect, a written request to omit the burlap insulation. Submit request to the Landscape Architect 24 hours prior to excavation.

667004-A.6.6 Cleaning and Protection

Remove protective fencing, wood chips, debris and all surplus construction materials from site following construction, in a manner that will not damage Tree Preservation Areas. Re-seed, re-sod, or refurbish all disturbed ground areas as soon as possible.

G.3. 667004-B – SITE FURNISHINGS

667004-B. GENERAL

667004-B.1 Related Documents

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

667004-B.2 SUMMARY

667004-B.2.1 This Section includes the following:

1. Park bench

667004-B.2.2 Related Sections include the following:

2014 NMDOT Standard Specifications for Highway and Bridge Construction

667004-B.3 CLOSEOUT SUBMITTALS

Maintenance Data for site furnishings to be included in maintenance manuals.

667004-B.4 PRODUCTS

Park Bench

Anova; Upbeat Series. Model F1035. Surface Mounted, 6' bench. Steel. Thermal –plastic powder coat. Color: Evergreen.

667004-B.5 EXECUTION

667004-B.6 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

667004-B.7 GENERAL INSTALLATION

- A. Comply with manufacturer's written installation instructions unless more stringent requirements are indicated. Complete field assembly of site furnishings where required.
- B. Location of bench shall be inspected and approved by the Landscape Architect prior to any forming of concrete for bench or other related improvements.
- C. Unless otherwise indicated, install site furnishings after landscaping and paving have been completed.
- D. Install site furnishings level, plumb, true, and securely anchored at locations indicated on Drawings.
- E. Bench anchors shall be peened or light tack welded at ends with nuts to prevent theft.

G.4. 667004-C - PLANTING

667004-C. GENERAL

667004-C.1 Description of Work

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division-1 Specifications sections, apply to work of this section.

667004-C.2 SUMMARY

667004-C.2.1 This Section includes the following:

The work of this section includes furnishing all trees, shrubs and other materials necessary to complete the landscape planting in accordance with the specifications and drawings contained in the Contract Documents. This shall include all labor, equipment and performance of operations including planting, mulching, fertilizing, watering, cleanup of planting areas and other related work as specified herein.

667004-C.2.2 Related Sections include the following:

1. Section 667004-D Native Grass Seeding

667004-C.2.3 Related Documents:

American Standards for Nursery Stock (ANSI A 300,) American Association of Nurserymen, Washington, D.C.

ANSI A 300, ANSI Z 133.1 and ANSI Z60.1 - 2004

Hortus III, L.H. Bailey Hortorium and Staff, MacMillian Co., New York, 1976.

Manual of Woody Landscape Plants, M.A. Dirr, Stipes Publishing Co., Champaign, Illinois, 1995.

Standardized Plant Names, Second Edition

MSMT603 New Mexico Standard Method of Tests (SHA).

667004-C.3 QUALITY ASSURANCE

- A. Contractor Qualifications: All work specified herein shall be performed by a landscape contractor with a minimum of five (5) years of experienced with the type and scale of work required and having equipment and personnel adequate to perform the work satisfactorily.
- B. Source Quality Control:
 1. Compliance with Laws. All plant materials shall comply with State and Federal Laws, including the New Mexico Plant Protection Act, with respect to inspection for disease infestation.
 2. Plant Quality Standards: All plant material shall have been grown or dug and burlapped meet to standards set by American Association of Nurserymen and ANSI A 300.
 3. Tagging of Trees. The Contractor shall submit to the Landscape Architect, at least one week in advance of tagging date, an itemized list of trees along with a notice as to where and when the nursery inspection of trees shall may be made. The accepted trees will be tagged by the Landscape Architect for delivery to the site.
 4. Plant Inspection: Inspection of all plant materials will be made for size, vigor, representativeness of species and variety, injury, condition of ball and roots, or latent

defects. Inspection at delivery does not preclude the possibility of rejection of material after installation.

5. Substitutions. Substitution of any plant materials requires the written approval of the Landscape Architect prior to ordering plants. Requests for substitutions must be submitted with any cost or quantity adjustments for approval.
6. Analysis and Standards: All packaged standard products shall have manufacturer's certified analysis. For other materials, provide analysis if required in these specification. Analysis is to be by recognized laboratory and made in accordance with methods established by the Association of Official Agricultural Chemists.
7. Tagging or Labeling of Plant Materials. All plant materials shall be true to species, variety and legibly tagged with origin, name and size of material. These tags shall be durable labels marked in weather resistant ink and securely attached to each plant of a single species, variety and size identification. They will remain on plants through final inspection.

667004-C.4 SUBMITTALS

- A. Qualifications of Landscape Contractor. Submit Contractor's qualifications showing experience, quality, and capabilities as noted in Quality Assurance.
- B. Plant Sources. Submit for approval by the Landscape Architect the nursery or sources for the plant materials to be used in the project
- C. Plant Photos. Submit photographic samples of representative trees from the plant sources. Photos shall include a scaled ruler or yardstick in the photo. The photos shall demonstrate the quality, size, and health of trees to be used in the project.
- D. Samples. Submit one (1) cubic foot sample of each type of mulch specified on the Drawings to the Landscape Architect for approval.
- E. Product Data/Sources: Submit two copies of product names, literature and application rates for fertilizer, anti-desiccant and amendments.
- F. Maintenance Materials: Submit two copies of typewritten instructions bound in three-ring binder of recommended landscape maintenance procedures to be followed by the Owner for one full year. Submit prior to expiration of required maintenance periods.

667004-C.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Delivery/ Storage of Materials
 1. Delivery of Shipment to Site. The Contractor shall promptly notify the Landscape Architect in advance of the time and manner of delivery of plant materials. The Contractor shall furnish, at the time of notice, an itemized list, in duplicate, of the actual quantities of plant materials in each delivery, in order to expedite the required inspection at the point of delivery. Plants rejected at this inspection any time prior to planting shall be removed immediately from the planting area.
When shipment is made, all plant materials shall be packed to provide made in a closed vehicle or plants shall be completely covered to prevent drying or other wind damage. Particular care should be exercised in digging, wrapping and binding of plants to insure safe loading and shipment. Mushroomed or cracked rootballs shall be unacceptable for planting.
 2. Packaged Materials: Deliver packaged materials in containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery, and while stored at site.
- B. Handling Materials:

1. Trunks, branches, and root balls shall not be damaged during lifting and planting operations.
2. Handle container-grown stock only in containers.

667004-C.6 JOB CONDITIONS

- A. Existing Conditions:
1. General: Proceed with and complete landscape work as rapidly as portions of site become available.
 2. Determine the acceptability of each planting site and subgrade prior to the start of planting work.
 3. Utilities: Locate all existing underground utilities in the construction area as accurately as is possible. Perform work in a manner, which will avoid damage to underground utilities. Hand excavate as required. Any damage to the utilities shall be repaired by the Contractor at his own expense to the satisfaction of the Owner.
 4. Grade Stakes: Maintain grade stakes set by others until removal is mutually agreed upon by parties concerned.
 5. Excavation: When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions or obstructions, notify the Landscape Architect before planting.
- B. Protection/ Sequencing/ Scheduling:
1. Protect all existing items to remain.
 2. Ensure proper timing of each phase of work in relationship to the normal planting season for each type of planting work.
 3. Coordinate planting with the required maintenance period.
 4. Coordination with seeding and/or sodding: Plant trees and shrubs after final grades are established and prior to seeding and/or sodding, unless otherwise accepted by the Landscape Architect. If planting of trees and shrubs occurs after seeding and/or sodding work, protect such areas and promptly repair damage resulting from planting operations.

667004-C.7 GUARANTEE/ WARRANTY

Warranty plants through specified maintenance period, as outlined in Paragraph 3.5, Maintenance. Where plants are installed in areas without an irrigation system, no warranty shall be required after the date of final acceptance of all the contract work including maintenance period.

667004-C.8 PRODUCTS

667004-C.8.1 PLANT MATERIALS

- A. Plant Materials. All plants shall be as specified on the Planting Plans and shall be healthy, vigorous and representative of the species and variety. They shall have normal, well developed branch and root systems. All plants shall be free of mechanical injury, free of sun or frost damage, free from insects, insect eggs and without disfiguring knots or other objectionable defects. All plant materials shall be selected for quality of the specimen. Plant material shall be nursery-grown.
- B. Growing Conditions. Plants shall have been grown under climatic conditions similar to project locality for at least two (2) years.
- C. Pruning. Plants shall not be pruned prior to or after delivery unless authorized by the Owner and must be done under the supervision of a qualified arborist or horticulturist.

- D. Size. All plants shall equal or exceed minimum measurements specified on the plans. Grading of plant material shall be in accordance with the codes and standards of AAN. Any undergrade plants shall be removed and replaced prior to provisional acceptance.
- E. Measurement. Caliper measurements shall be taken six (6) inches above natural ground line on the trunk.
- F. Tree Orientation Marking. All trees prior to digging in the field shall be marked to indicate the north side of tree trunk. Mark is to be temporary and done in manner not deleterious to the long term health and growth of the tree.
- G. Nomenclature. Nomenclature shall conform with Standardized Plant Names, Second Edition. Names not present in this listing shall conform to accepted botanical nomenclature in the nursery trade.

667004-C.8.2 TREES

- A. Deciduous Trees: All deciduous trees, except aspen, shall have been container or nursery grown (not collected or plantation grown) from an approved nursery. Any rootbound material shall not be accepted. Boxed or containerized trees shall be handled by container only. All trees shall be first-class representatives of their species; well-shaped and full. Tree trunks shall be straight and plumb unless otherwise specified. The Landscape Architect reserves the right to reject any trees not meeting these criteria. Balled and burlapped material will be rejected if wrapped with plastic burlap or plastic twine. All balled & burlapped material shall have been properly root pruned.
- B. Evergreen Trees. Evergreen trees shall be straight, evenly canopied, full and shapely for the species, unless specified as a character tree. Balled and burlapped material shall be tightly and neatly wrapped around the rootball. Field dug material shall have rootballs one size larger than that required for nursery grown stock of the same size. AAN standards shall be used for ball sizes. Nursery grown material shall have been root pruned prior to digging.

667004-C.8.3 SHRUBS, PERENNIALS, GRASSES, AND GROUND COVERS

- A. Container Stock: Plants designated as "Container" grown in various sizes and type containers in the plant list shall be of a size and stage of development normal in the nursery industry for the size container in which they are specified. They shall have been grown in their containers long enough to have developed good, round root systems capable of holding the soil intact after removal from the container, but not so long as to have become root bound. Any root-bound material will not be accepted.
- B. Ground Cover: Provide well rooted, established ground cover in removable containers or integral peat pots, with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size specified.

667004-C.8.4 SOIL AMENDMENTS

- A. Fertilizer. Standard products manufactured and complying with state and U.S. federal fertilizing laws. Exact fertilizer to be used shall be adjusted based upon the soils test analysis on the existing and imported soils.
- B. Soil Additives/ Plant Stimulants. Soil additives such as Ironite and Super Phosphate shall be applied if needed as a result of the soils test analysis. The plant stimulant, Superthrive, shall be applied to all plants at five (5) times the rate recommended by the manufacturer.
- C. Compost. Compost material shall be freeze defoliated cotton burr compost.

667004-C.8.5 MISCELLANEOUS

Mulches. Install as noted on the plans.

- B. Anti-Desiccant: Emulsion-type, film-forming agent designed to permit transpiration but retard excessive loss of moisture from plants. Deliver in manufacturer's containers and mix in accordance with manufacturer's instructions. Acceptable Product: "Wilt-Pruf."

667004-C.8.6 WATER

- A. Water for maintaining plants shall be clean and free from pollutants which may harm plant growth or contaminate the environment.

667004-C 9 EXECUTION

667004-C 9.1 PREPARATION

- A. Plant Material Locations: Tree and shrub locations as shown on the planting plan are approximate only. Contractor is to stake all plant material locations as shown on the planting plan, and under the direction of the Landscape Architect adjust the position and orientation of plants as required. Final positions of all plant material are subject to the approval of the Landscape Architect.
- B. Preparation Ground Surface: Areas to be planted or mulched are to be free of rock/stones greater than one inch across, trash and other debris prior to beginning planting or mulching. Subgrades for planted and mulched areas are to be approved by the Landscape Architect prior to beginning planting or mulching.

667004-C 9.2 INSTALLATION

- A. Planting General.
 - 1. Soil amendments shall be as noted in this publication or as approved by the Landscape Architect..
 - 2. Plants shall not be planted deeper than the original ground line.
- B. Trees/ Individual Locations: Excavate tree pits so that top of rootball will be level with the adjacent soil grade.
 - 1. Tree pit excavations shall be three times as wide as the rootball in diameter and shall be no deeper than the maximum depth of the rootball.
 - 2. Prior to setting the tree flood the tree pit and allow all water to percolate in to soil.
 - 3. Set rootball plumb in center of pit and orient tree north marking to face site north.
 - 4. Remove burlap and wire from top half of root ball.
 - 5. Unless otherwise directed on the Drawings, backfill with excavated soil in 6" tamped layers. Do not add compost to tree backfill.
 - 6. Apply fertilizer tablets and other soil additives evenly around the perimeter of each tree rootball at a depth half way between the top and middle of the rootball.
 - 7. Flood with water after two-thirds backfilled. After water is absorbed, continue backfilling and tamping to grade, leaving no voids or air pockets. Water again after placing final layer of backfill.
 - 8. Form a water well around each tree if noted on the Drawings as each type of tree. Fill the watering well with mulch as specified.
- C. Shrub planting/ Individual Locations:
 - 1. Shrub pit excavation shall be three times larger than width of rootball and shall only be as deep as the maximum depth of the rootball.

2. Prior to setting the plant, flood the pit and allow all water to percolate in to soil.
 3. Set shrub rootball plumb in center of pit.
 4. Backfill with two parts native soil and one part compost.
 5. Apply fertilizer tablets and other soil additives when shrub pit is two-thirds backfilled.
 6. Continue backfilling to finish grade, create watering well, and thoroughly water.
- D. Planting Beds/ Mass Planting Areas:
1. Grade existing soil to proper depth to meet finish grades for area. Grading shall allow for compost, soil additives, and mulch depths.
 2. Spread compost at 3" even depth across planting area.
 3. Till compost to a minimum depth of twelve inches (12) throughout the planting bed. Till in two directions each at right angles to each other.
 4. Spread soil additives and fertilizer as noted on the plans, and till 6" into compost amended soils. Till in two directions each at right angles to each other.
 5. Rake and remove all rocks over 1 inch size, trash, debris or other deleterious material from the top three inches of the prepared bed.
 6. Soak the amended area with water. Let the area dry. Fill any large depressions or settlement.
 7. Set out plant materials designated for the planting area. If a formal arrangement is shown on the plan, align and measure plants in a uniform triangular pattern; or as shown on the Drawings; or as directed by the Landscape Architect.
 8. Excavate pits large enough to set each plant. Backfill with excavated planter soil.
 9. Water area thoroughly after planting. Fill depressions and level high spots. Fine rake bed.
- E. Apply anti-desiccant to leafed out deciduous trees and shrubs, and broadleaf evergreens.
- F. Mulch: Spread a uniform layer of specified mulch as noted on the Drawings. Planted areas shall be approved by the Landscape Architect prior to mulch installation.

667004-C 9.3 FIELD QUALITY CONTROL

- A. Pruning: Pruning shall only be done under direct supervision of the Landscape Architect and in accordance with ANSI Z 133.1 and ANSI Z60.1 - 2004. Remove dead and broken branches. Prune deciduous trees and shrubs as approved by the Landscape Architect. Retain typical growth habit of individual plants. Make cuts with sharp instruments to branch collar. Do not pole or remove the leader from the trees. Remove trimmings from site.

667004-C 9.4 PROTECTION AND CLEANING

- A. During the installation and maintenance periods, protect planted areas against erosion and trespass. Any damaged planting shall be replaced by the Contractor at no cost to the Owner.
- B. All walks and pavements shall be swept or washed clean upon completion of work in each section. Upon completion of all planting work, clean the portion of the project site used for storing planting materials and equipment of all debris, extra materials and equipment. All such materials and equipment shall be entirely removed from the project site.

667004-C 9.5 MAINTENANCE PERIOD

- A. Begin maintenance of all plants immediately after planting.
- B. Maintain planted trees, shrubs and other plants until final acceptance of all contract work, or end of the maintenance period whichever is longer. Maintenance period shall be a minimum of **45** days beginning from complete installation of all plants.

- C. Maintenance Activities: Maintenance shall include measures necessary to establish and maintain plants in vigorous and healthy growing condition:
1. Plants shall be watered, fertilized, and maintained throughout the construction and maintenance period. Plants shall be watered (3) times the first two weeks and once a week there after.
 2. Maintain watering wells.
 3. Cultivate and weed plant watering wells every week during maintenance period. No herbicides are allowed within the City limits of Santa Fe.
 4. Pruning including removal of dead or broken branches and treatment of prune wounds.
 5. Maintain all planted trees in vertically plumb position
 6. Disease and insect control.
 7. Maintenance of any turn buckles and stakes.
 8. Replace dead or dying plant material with plants of the same kind and size as specified in the plant list.

The Landscape Architect shall inspect maintenance work to verify that maintenance work has been satisfactorily undertaken and continued. The Contractor shall make all corrective measures, as directed by the Landscape Architect, prior to release of maintenance responsibilities. All maintenance work as outlined herein is incidental to each planting item, and no additional payment will be made for maintenance operations.

G.5. 667004-D – NATIVE GRASS SEEDING

667004-D. GENERAL

667004-D.1 Description of Work

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.

667004-D.2 SUMMARY

667004-D.2.1 This Section includes the following:

The work of this section includes prepare all areas indicated on the Drawings for grass seeding according to the specifications and drawings contained in the Contract Documents, including: furnishing and installing all seed, fertilizer, organic soil amendments and related maintenance.

667004-D.2.2 Related Sections include the following:

1. Section 667004-C: Planting

667004-D.3 QUALITY ASSURANCE

Contractor Qualifications: All work specified herein shall be performed by a licensed landscape contractor experienced with the type and scale of work required and having equipment and personnel adequate to perform the work satisfactorily.

667004-D.4 APPLICABLE STANDARDS

All grass seed shall be certified by state of origin. The certification authority for the state of New Mexico is the New Mexico Crop Improvement Association.

667004-D.5 SUBMITTALS

- A. Product Data:
1. Proposed source of all native grass seed which shall indicate the location from which the seed was harvested, prior to ordering seed.
 2. Submit type and source of soil amendment and fertilizer for approval prior to ordering soil amendment.
- B. Seed Tags: Seed bag tags and weights per bag and copies of invoices identified by project name.

667004-D.6 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Keep fertilizer and seeds in dry storage away from contaminants.

667004-D.7 JOB CONDITIONS

- A. Sequencing, Scheduling: Schedule to seed after installation and approval of the fine grading in the area.
- B. Seeding Dates: Shall be accomplished between June 15th and August 15th unless specific permission in writing is issued by the Landscape Architect to allow seeding before or after these dates.

667004-D.8 WARRANTY

- A. Warranty native seeded areas through specified maintenance period, as outlined in Paragraph 3.05, Maintenance.
- B. Where native grass is installed in areas without an irrigation system, no warranty shall be required after the date of final acceptance of all the contract work.

667004-D.9 MATERIALS

667004-D.9.1 SEED MIX

- A. All native grass seed shall be obtained from sources in New Mexico unless proof is provided that a particular seed is unavailable within the state. Fescue seed shall be obtained from approved producers.
- B. Contractor shall furnish certification showing origin of all seed and pure live seed (P.L.S.) content as determined by a certified authority. Pure live seed shall be the product of percent purity times percent germination. Each bag of seed shall be tagged and sealed by the seed dealer in accordance with the State Department of Agriculture or other local certification authority within the state of origin. The tag or label shall indicate analysis of seed and date of analysis, which shall not be more than 9 months prior to delivery date. Seed may be premixed by the seed dealer and appropriate data indicated on the bag label for each variety.
- C. Seed Mixes: Where specified on plans, the seed mixes shall be as follows:

NMDOT standard type "A"

667004-D.9.2 COMPOST MATERIAL

- A. Compost material shall be Back-to-Earth freeze defoliated cotton-burr compost. Apply at rate of 1 to 1 1/2" as directed in Part 3- Execution.

667004-D.9.3 FERTILIZER

- A. Fertilizer shall be Yum-Yum Mix or approved equal in writing. Apply at a rate of 30 pounds per 1,000 square feet.

667004-D.9.4 SUPER ABSORBERS

Super absorber shall be a cross-linked polyacrylamide. Polyacrylate materials are not acceptable. Polyacrylamide or Terra-Sorb HB shall be applied at the rate of three pounds per 1,000 square feet. Sources for these materials are:

Polyacrylamide: Western Polyacrylamide, Inc.
P.O. Box 790
Castle Rock, CO 80104
(303) 688-3814

Terra-Sorb HB: American Excelsior Co.
4019 Edith Blvd., NE
Albuquerque, NM 87107
(505) 345-7807

667004-D.9.5 MULCH AND TACKIFIER

- A. The tackifier shall be a colloidal polysaccharide or grain starch tackifier. The tackifier shall be homogeneous within the unit package. It shall have no growth or germination inhibiting factors and be nontoxic. It shall be dry mixed with the mulch at a rate of 1 lb. per six cubic feet of mulch.
- B. The mulch shall consist of composted organic cotton burrs applied at a rate of ½ inch layer evenly across seeded areas.

667004-D.10 EXECUTION

667004-D.10.1 PREPARATION

- A. Preparation of Subgrade: Clear existing soil free of roots, plants, sod, stones, clay lumps and other extraneous materials harmful or toxic to plant growth.
- B. Preparation for Seeding:
 - 1. The extent of seed bed preparation shall not exceed the area on which the entire seeding operation can be accomplished to such prepared seed bed within a 24 hour period, unless otherwise directed by the Landscape Architect.
 - 2. All areas to be seeded shall be brought to an even grade and shaped to drain. Areas to be seeded shall be graded to meet finished grades, and be uniformly compacted to prevent uneven settlement after seed installation and watering.
 - 3. Spread compost and super absorber at the specified rates over the seeding area. Rototill to the following depths: - Native Grass: 1" layer of compost into top four (4) inches. Rototill area twice in cross directions. Rototilling shall not occur when the wind is over 10 mph and creates a dust problem to adjoining areas.
 - 4. Spread fertilizer at rate of 20 lbs. per 1000 s.f. and rake into top two inches of soil.
 - 5. Fine rake and remove stones over ½ inch in any dimension, sticks, roots, rubbish and any other extraneous matter brought to surface by the rototilling process. Drag to even grade, and compact to ninety (90) percent modified proctor.
 - 6. Water area to be seeded thoroughly. Apply a minimum of two inches of water throughout area. Allow area to dry.
 - 7. Regrade as necessary to insure drainage and to meet proposed grades. Correct any differential settlement.
- C. Remoisten prepared areas before seeding if soil is dry. Do not create muddy soil conditions.
- D. Approval of Seed Bed Preparation: Seed bed preparation is to be approved by the Landscape Architect immediately prior to the seeding operations, and after all seed bed preparation is complete.

667004-D.10.2 SEEDING

- A. General:
 - 1. Do not use wet seed or seed, which is moldy or otherwise damaged in transit or storage.

2. Sow not less than the quantity of seed specified or scheduled.

B. Broadcast Seeding:

1. Where indicated on the plans, the seed shall be mechanically broadcast by use of a rotary spreader or a seeder box with a gear feed mechanism. If seeding is done with a slurry blower, the highest pressure and smallest nozzle opening, which will accommodate the seed, shall be used.
2. Immediately following the seeding operation, the seed bed shall be lightly raked or loosened with a chain harrow to provide approximately ½ inch cover or soil over most of the seed.
3. Contractor's vehicles and other equipment are prohibited from traveling over the seeded areas.

667004-D.10.3 MULCH/TACKIFIER

- A. Immediately following the raking/chaining operation, seeded areas on slopes less than 2:1 shall receive mulch/tackifier at the even rate of ½ inch depth throughout the seeded area..
- B. Cover seeded area with ½ layer of compost
- C. All areas receiving insufficient coverage in the opinion of the Architect shall receive additional mulch/tackifier.

667004-D.10.4 RESEEDING

- A. Void areas greater than one square foot, or repetitive voids smaller than one square foot which amount to more than 10% of any area that occur within 60 days after installation shall be re-seeded.

667004-D.10.5 MAINTENANCE

- A. Begin maintenance immediately after seeding.
- B. Maintain native grass areas for not less than the period stated below, and longer as required to establish an acceptable native grass cover.
 1. Seeded Areas: Not less than 60 days after substantial completion as determined by the Landscape Architect.
 2. Provide temporary irrigation to the seeded area during the 60 day maintenance period after substantial completion. Irrigate as often as necessary, to promote healthy grass growth and a generally even stand of grass has been obtained.
 3. Maintain native grass areas by watering fertilizing, weeding, mowing, trimming and other operations such as rolling, re-grading and replanting as required to establish an even coverage of native grass, free of eroded or bare areas.

667004-D .10.6 CLEANUP AND PROTECTION

- A. During the work, keep pavements clean and work areas in orderly condition.
- B. Protect work and materials from damage due to seeding operations, operations by other contractors and trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged work as directed.

667004-D .10.7 INSPECTION AND ACCEPTANCE

- A. When work is completed including maintenance, Landscape Architect upon request will make an inspection to determine acceptability.
- B. Where inspected seeding work does not comply with requirements, replace rejected work and continue specified maintenance until re-inspected by Landscape Architect and found to be acceptable.

G.6. 667300 – CONCRETE BLOCK MASONRY STRUCTURES – SPLIT / FLUTED FACE

667300.1 GENERAL

Work to be done under this section shall consist of the construction of concrete block masonry retaining wall constructed of concrete block masonry units. Wall heights, thickness, reinforcing length, and other data shall be as shown on the plans, specified herein, and as specified herein, and as specified in the Supplementary Specifications.

667300.2 REFERENCES

667300.2.1 This Publication:
SECTION 521999

667300.3 MASONRY UNITS

Concrete block masonry shall be constructed of Grade N-I or N-II hollow masonry units. The exposed face of the block shall either be split or fluted. Color and texture to be approved by the Project Manager.

667300.4 MORTAR AND GROUT

Except as otherwise herein specified, all mortar and grout shall conform to Section 521999. All work shall be executed in the best workmanlike manner and in full compliance with the applicable building ordinances. Masonry walls shall be laid true, level, and plumb in accordance with the plans. Surfaces on masonry units shall be clean, dry, and free from dirt when laid in the walls.

667300.5 CONSTRUCTION

All concrete block units shall be dry when laid. During construction all partially laid walls, as well as units in storage, shall be protected from moisture. All concrete block units and any partially laid walls which become wet during the construction shall be permitted to dry for at least one week or longer if required by weather conditions before recommencing work. Proper masonry units shall be used to provide for all openings in walls, bond beams, etc., with a minimum of unit cutting. Where masonry unit cutting is necessary, all cuts shall be neat and regular and edges exposed in the finished work shall be cut with a power-driven abrasive saw. Where no bond pattern is shown, the wall shall be laid up in straight uniform course with regular running bond. Intersecting masonry walls and partitions shall be bonded by staggering the joints to form a masonry bond and the use of 1/4 inch minimum diameter steel ties at 16 inches o.c. maximum.

Where stack bond is indicated on the plans, approved metal ties shall be furnished and installed as directed by the ENGINEER. Mortar joints shall be straight, clean, and uniform in thickness. Unless otherwise specified or detailed on the plans, horizontal joints shall be approximately 3/8 inch thick with full mortar coverage on the face shells, shall have vertical joints buttered well for a thickness equal to the face shell of the block, and these joints shall be shoved tightly so that the mortar bonds to both blocks. Exposed walls shall have joints tooled with a round bar to produce a dense, slightly concave surface well bonded to the block at the edges. Tooling shall be done when the mortar is partially set but still sufficiently plastic to bond. All tooling shall be done with a tool which compacts the mortar, pressing the excess mortar out of the joint rather than dragging it out. If it is necessary to move a block so as to open a joint, the block shall be removed from the wall, cleaned, and set in fresh mortar.

667300.6 PLACING REINFORCING STEEL

Reinforcing steel and wire mesh type of reinforcing shall be placed as indicated on the plans. Splices shall be lapped a minimum of 40 diameters, except that dowels other than column dowels need be lapped only 30 diameters. Column dowels shall lap 50 diameters. Outside horizontal steel shall lap around corners 40 diameters and be carried through columns unless otherwise shown on the plans. Inside

horizontal steel shall extend as far as possible and bend into corner core. A dowel shall be provided in the foundation for each vertical bar. Where horizontal courses are to be filled, metal stops shall be used. Use of paper stops will not be permitted. All horizontal reinforcing steels shall be laid in a course of bond beam blocks filled with grout. Vertical cores containing steel shall be filled solid with grout and thoroughly rodded. Where knockout blocks are not used, steel shall be erected and wired in place before 3 courses have been laid. Vertical cores at steel locations shall be filled as construction progresses. Where knockout blocks are used, vertical cores at steel locations shall be filled in lifts of not more than 4 feet. The maximum height of pour shall be 8 feet.

Cores shall be cleaned of debris and mortar and shall have reinforcing steel held straight in place. If ordered by the ENGINEER, inspection and cleanout holes shall be provided at the bottom of each core to be filled. Reinforcing shall be inspected prior to placing grout.

667300.7 CURING

Newly constructed masonry shall be kept damp for at least five days with a nozzle regulated fog spray sufficient only to moisten faces of the masonry but not of such quantity as to cause water to flow down over the masonry or by the use of approved curing compounds or as specified in the Supplementary Specifications.

667300.8 MEASUREMENT AND PAYMENT

667300.8.1 Concrete block masonry walls shall be measured by the wall area in square feet, as determined by the mathematical product of the length and the height from the top of the footing to the top of the wall. Payment shall be made on the Bid Proposal's unit price per square foot, as per specified wall or block width and design and shall include all materials and installation of block, mortar, weep holes, gravel, filter fabric, reinforcement, layout, shop drawings, and submittals.

667300.8.2 The footing shall be measured separately by the cubic yard of structural concrete and pounds of reinforcing bars as specified on the drawings and appropriate bid items.

G.7. 667301 – UPGRADE SPLIT/FLUTE FACE CMU TO POLISHED/BURNISHED FACE

667301.1 GENERAL

Work to be done under this section shall consist of the construction of concrete block masonry retaining wall constructed of concrete block masonry units. Wall heights, thickness, reinforcing length, and other data shall be as shown on the plans, specified herein, and as specified herein, and as specified in the Supplementary Specifications.

667301.2 REFERENCES

667301.2.1 This Publication:
SECTION 521999
SECTION 667300

667301.3 MASONRY UNITS

Concrete block masonry shall be constructed of Grade N-I or N-II hollow masonry units. The exposed face of the block shall either be polished or burnished. Color and texture to be approved by the Project Manager.

667301.4 MORTAR AND GROUT

Except as otherwise herein specified, all mortar and grout shall conform to Section 521999. All work shall be executed in the best workmanlike manner and in full compliance with the applicable building ordinances. Masonry walls shall be laid true, level, and plumb in accordance with the plans. Surfaces on masonry units shall be clean, dry, and free from dirt when laid in the walls.

667301.5 CONSTRUCTION

See section 667300.5 for Construction Specifications.

667301.6 PLACING REINFORCING STEEL

See section 667300.6 for Steel Placement Specifications.

667301.7 CURING

See section 667300.7 for Curing Specifications.

667301.8 MEASUREMENT AND PAYMENT

667301.8.1 Concrete block masonry walls shall be measured by the wall area in square feet, as determined by the mathematical product of the length and the height from the top of the footing to the top of the wall. Payment shall be made on the Bid Proposal's unit price per square foot of retaining wall for Bid Item #667300 with the addition of the cost to upgrade to premium materials on Bid Item #667301, as per specified wall or block width and design and shall include all materials and installation of block, mortar, weep holes, gravel, filter fabric, reinforcement, layout, shop drawings, and submittals.

667301.8.2 The footing shall be measured separately by the cubic yard of structural concrete and pounds of reinforcing bars as specified on the drawings and appropriate bid items.

G.8. 720010 – TRAFFIC CONTROL COMPLETE

702010.1 DESCRIPTION

All provisions of the New Mexico State Department of Transportation Standard Specifications for Highway and Bridge Construction, 2014 Edition (SSHBC), shall apply in addition to the following:

702010.1.1 This work shall consist of implementing the necessary traffic control during construction in conformance with the Manual of Uniform Traffic Control Devices, latest edition. The Contractor shall submit all proposed traffic control changes to the Project Manager for review and approval prior to beginning construction operations.

702010.1.2 The Contractor shall furnish all materials, tools, labor, equipment, and all other appurtenances necessary to complete the work. The materials shall include all interim and temporary signing, temporary stripe removals, construction signing, steel posts, base post, portable sign supports, barricades, drums, sequential arrow displays, and flaggers as necessary to complete the traffic control detailed in the construction plans or modifications to the plan details as approved by the City of Santa Fe Traffic Engineer including all setups and resetting of devices.

The contractor shall coordinate traffic control operations with City of Santa Fe Transit Division, so bus routes and schedules are not affected.

702010.1.3 SUBMITTALS

The Contractor shall submit a traffic control plan to the Project Manager at least two (2) weeks prior to the pre-construction conference. The Contractor will not be allowed to initiate any work on the project until the traffic control plan has been approved by the Project Manager.

702010.2 MATERIALS.

702010.2.1 All materials shall conform to the applicable portions of SSHBC Sections 701, 702, & 704.

702010.3. CONSTRUCTION REQUIREMENTS.

702010.3.1 All construction by the Contractor shall be in accordance with the submitted plan details and specifications as approved by the City of Santa Fe Traffic Engineer.

702010.3.2 All materials and devices shall be maintained and replaced if necessary for the duration of the project in conformance with these specifications. .

702010.3.3 Traffic control shall be maintained in conformance with all specifications of SECTION 618 - TRAFFIC CONTROL MANAGEMENT for the duration of the project.

702010.4 MEASUREMENT AND PAYMENT

The accepted work for traffic control devices during construction will be paid for at the lump sum contract price. Payment shall be for furnishing all materials, tools, labor, equipment, hauling, and any other appurtenances necessary to satisfactorily complete and maintain adequate and safe traffic control until completion of the project.

This shall include traffic control plan submittal, all interim and temporary signing, temporary striping, temporary stripe removals, construction signing, steel posts, base posts, portable sign supports, barricades, drums, sequential arrow displays, traffic cones and flaggers as necessary to complete the traffic control and necessary maintenance as approved by the City of Santa Fe Traffic Engineer. Setting and resetting of devices shall also be included in payment of this item. Payment will be made under: Item No. 702010 - Traffic Control Devices During Construction, Lump Sum.