



TOWN OF TAOS

INVITATION TO BID

ITB #: 19-20-02

Road and Construction Materials and Services

Issue Date: September 19, 2019

Deadline to Submit Written Questions: Tuesday, October 1, 2019

Response to Written Questions: Monday, October 7, 2019

Bid Due Date: 2:00 PM Local Time, Monday, October 14, 2019

Attention: All Prospective Bidders

From: Sharon Voigt, Chief Procurement Officer (Owner's Representative)

The Town of Taos Purchasing Department, on behalf of the Town of Taos Public Works Department, is requesting sealed bids from prospective bidders for Road and Construction Materials and Services. The Town of Taos in this Invitation for Bids ("ITB") solicits bids for indefinite quantities at fixed prices for the specific categories of construction services and construction materials for road projects and other projects sometimes referred to as "Block-to-Block" construction. The purpose of this solicitation is to assure the Town of Taos ready and efficient availability of construction and construction materials on an as-needed basis at competitively determined, fixed unit prices. This solicitation covers only relatively small projects (those valued at \$60,000 or less exclusive of gross receipts tax (GRT)). Projects valued at more than \$60,000 exclusive of GRT will be issued under separate invitation for bid (ITBs).

Pertinent bid documents can be downloaded through the Town of Taos website. Vendors are also welcome to contact Sharon Voigt at 575-751-2025, or via e-mail (svoigt@taosgov.com) to request a copy of the bid documents.

Sealed bids must be received by, Sharon Voigt, at the Purchasing Office, Room 202, Town Hall, 400 Camino de la Placita, Taos, NM no later than 2:00 PM (local time) on Monday, October 14, 2019. The Purchasing Department will date and stamp the sealed envelope upon receipt. Delivery of bids is the sole responsibility of the bidder. **Any bid received after 2:00 PM will be returned unopened.** A public bid opening will follow the receipt of bids in Room 109 of Town Hall at 400 Camino de la Placita, Taos, NM 87571 and then be read aloud.

It is the intent of these specifications to describe the minimum requirements, for any materials bids. All parts not specifically mentioned which are required for a complete unit, shall conform in design, strength, quality of material and workmanship to the highest standards. No such items shall be removed or omitted for the reason that it was not specified in the bid.

For their bids to be considered, all bidders must comply with all of the terms and conditions set forth in the bidding documents, as defined below, and must fill out and timely submit all of required forms and information called for in the bidding documents.

No services or construction or furnishing of goods is permitted either before a written contract is signed by the Town Manager and/or Mayor and the Contractor or after the contract terminates. Working without a contract may result in non-payment for such work.

NOTICE

The Procurement Code, Sections 13-1-28 through 13-1-99 NMSA 1978, imposes civil and misdemeanor criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kick-backs.

Brand Name

The similarity to any brand name is for the purpose of describing a standard of quality, performance and characteristics desired and not intended to limit or restrict competition, as required in NMSA 1978 13-1-167 -168. Bidders must state the brand name being bid and provide proof that the merchandise bid is equal to or better than the specifications.

SECTION 1 – ACKNOWLEDGEMENT OF RECEIPT FORM

Please complete the following forms and email or hand deliver to:

Town of Taos Finance Department-Purchasing
ATTN: Sharon Voigt, Procurement Officer
400 Camino de la Placita, Room 202
Taos, New Mexico 87571
svoigt@taosgov.com

***Failure to return this form may result in termination of communication regarding this
Invitation to Bid***

ITB 19-20-02 Road and Construction Materials and Services

Company Name: _____

Address: _____

City: _____ State: _____ Postal Code: _____

Contact Person: _____

Phone No.: _____

E-Mail Address _____

I have received a copy of the above noted ITB.

_____ **Yes**, I will be responding to this ITB. I also authorize the Town of Taos Finance Department-Purchasing to send further correspondence that it deems to be of an urgent nature by the following method:

_____ **Hand Delivered**

_____ **E-Mail**

_____ **No**, I will not be responding to this ITB. I understand that if I do not submit a bid proposal, this will not affect our company's status as a potential proponent to the Town of Taos in the future. I also understand that if I do not return this form, our company will not receive any further notices with regard to this ITB.

SIGNATURE: _____

TITLE: _____

DATE: _____

SECTION 2 INSTRUCTIONS TO BIDDERS

1.0 DEFINITIONS AND TERMS

1.1 Terms used in these Bidding Documents which are defined in the Instructions to Bidders have the meanings assigned to them in those documents.

A. ADDENDUM: A written or graphic instrument issued prior to the opening of Bids which clarifies, corrects, or changes the Bidding Documents or Contract Documents. Plural: addenda.

B. ALTERNATE BID: Amount stated in the Bid as the sum to be added from the amount of the Base Bid if the corresponding change in the project scope, materials, and/or methods of construction is awarded by the Owner.

C. BASE BID: Amount stated in the Bid as the sum for which the Bidder offers to perform the work, excluding alternate Bids.

D. BID: The offer of the bidder submitted on the prescribed form setting forth the prices for the work to be performed in conformance with the Bidding Documents.

E. BID LOT: A major item of work for which a separate quotation or proposal is requested.

F. BIDDER: One who submits a Bid directly to the Owner, as distinct from a subcontractor who submits a bid to a contractor.

G. BIDDING DOCUMENTS: The Bidding Requirements and the Contract Documents.

H. BID FORM: A form which shall include space in which the bid price shall be inserted and which the Bidder shall sign and submit along with all other necessary submissions. A Bidder may submit a reasonable facsimile of the Bid Form. Oral, telephonic, and telegraphic bids are invalid and will not be considered.

I. BIDDING REQUIREMENTS: Notice of Invitation to Bid, Pre-bid Information, Instructions to Bidders, Information Available for Bidders, the Bid Form, Supplements to the Bid Form, and portions of Addenda relating to any of these.

J. DAY: Day shall mean calendar day unless defined otherwise.

K. INVITATION FOR BID: All documents including those attached or incorporated by reference or utilized for soliciting sealed bids.

L. RESPONSIBLE BIDDER: A Bidder who is properly licensed in accordance with the Construction Industries Licensing Act and submits a Responsive Bid and who has furnished, when required, information and data to prove that his financial resources, production or service facilities, personnel, service reputation, and experience are adequate to make satisfactory delivery of the services, construction, or items of tangible personal property described in the Invitation for Bid.

M. RESPONSIVE BID: A bid which conforms in all material respects to the requirements set forth in the Invitation for Bid.

N. SUCCESSFUL BIDDER: The lowest Responsible Bidder to whom the Owner, on the basis of the Owner's evaluation, makes an award. A Successful Bidder does not become the contractor until an agreement with the Owner is signed.

2.0 EXAMINATION OF BIDDING DOCUMENTS AND SITE

2.1 Before submitting a Bid, each Bidder must:

A. Examine the Bidding Documents thoroughly;

B. Familiarize themselves with Federal, State, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress, or performance of the Work; and

2.2 The submission of a Bid will constitute an incontrovertible representation by the Bidder that he has complied with every requirement of this Section and that the Bidding Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

3.0 BIDDING DOCUMENTS

3.1 COPIES OF BIDDING DOCUMENTS

3.1.1 The Owner, in making copies of Bidding Documents available on the above terms, does so only for the purpose of obtaining Bids and does not confer a license or grant for any other use.

3.2 INTERPRETATIONS

3.2.1 All questions about the meaning or intent of the Bidding Documents shall be submitted to the Owner in writing. Replies will be issued by Addenda mailed or delivered to all parties recorded by the Owner as having received the Bidding Documents. **Questions received less than five (5) days prior to the date for opening of Bids may not be answered.** Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

3.2.2 Bidders shall promptly notify the Owner of any ambiguity, inconsistency, or error which they may discover upon examination of the Bidding Documents or of the site and local conditions.

3.3 SUBSTITUTE MATERIAL AND EQUIPMENT

The contract, if awarded, will be on the basis of material and services described in the Specifications. Any allowance of substitutions will be published to all prospective Bidders via addendum.

3.4 ADDENDA

3.4.1 Addenda will be mailed or sent electronically to all who are known by the Owner to have received a complete set of Bidding Documents.

3.4.2 Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose.

3.4.3 **Addenda will be issued no later than four (4) days prior to the date for receipt of Bids**, except an addendum withdrawing the request for bids or one which includes postponement of the date for receipt of Bids.

4.0 BIDDING PROCEDURES

4.1 FORM AND STYLE OF BIDS

4.1.1 Bids shall be submitted on forms identical to the form included with the Bidding Documents.

4.1.2 All blanks on the Bid Form shall be filled in by typewriter or manually in ink.

4.1.3 Where so indicated by the makeup of the Bid Form, sums shall be expressed in both words and figures, and, in case of discrepancy between the two, the amount written in words shall govern.

4.1.4 Any interlineation, alteration, or erasure must be initialed by the signer of the bid.

4.1.5 Each copy of the bid shall include the complete name of the Bidder and a statement that the Bidder is a sole proprietor, a partnership, a corporation, or some other legal entity. Each copy shall be signed by the person or persons legally authorized to bind the Bidder to a contract. A Bid by a corporation shall further give the State of Incorporation and have the applicable New Mexico Certificate of Incorporation number or Certificate of Authority number.

4.1.6 The Bid shall include the current contractor's license number and type, and the current Contractor's preference number. A bid submitted by an agent shall have a current Power of Attorney attached certifying the agent's authority to bind the Bidder.

4.1.7 The Bid shall contain an acknowledgment of receipt of all Addenda (the numbers of which shall be filled in on the Bid Form).

4.1.8 The address to which communications regarding the Bid are to be directed must be shown.

4.1.9 The Project Name and Number, as well as the Invitation to Bid Number, shall be clearly shown on the outside of the envelope in which the sealed Bid is submitted.

4.2 BID REQUIREMENTS

BID REQUIREMENTS BIDDERS MUST MEET ALL SPECIFICATIONS AS LISTED. NO EXCLUSIONS, ADDITIONS OR DELETIONS TO THE SPECIFICATIONS SHALL BE CONSIDERED UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS. NO CONDITIONAL OR UNQUALIFIED BID'S SHALL BE ACCEPTED.

4.2.1 The Town of Taos reserves the right to award to multiple vendors.

In the event that the low bidder is unable to provide the materials requested within 20 (Twenty) days from notification by the Town of Taos, the Town may choose to purchase from the second low bidder and so on as may be necessary to avoid undo delay to Town of Taos projects or our customers.

All items on this bid will be awarded individually to the lowest bidder on each item.

4.2.2 A one hundred percent (100%) Performance Bond and a one hundred percent (100%) Payment and Material Bond executed by a surety company authorized to do business in the state of New Mexico will be required of the successful bidder(s) **prior** to each project "Notice to Proceed" valued over twenty-five thousand dollars (\$25,000). Said bonds must be provided to the Town of Taos department requesting the project and are to be filed with the Town's Purchasing Office. Failure to comply shall result in an order being issued to another vendor, and the difference shall be charged back to the awarded Contractor.

4.2.3 As per NMSA 1978, Sections 13-1-131 and 13-1-132, the Town of Taos reserves the right to cancel this procurement or reject any/all bid proposals if it is in the best interest of the Town to do so, and to waive all technical irregularities not involving price, time or changes in work.

4.2.4 The initial term of each Master Block-to-Block Contract Document entered into pursuant to this Invitation for Bids shall be until October, 2020, subject to appropriations and availability of funds for each fiscal year involved. Town of Taos reserves the option to renew each such General Terms Block-to-Block Contract Document for three additional one-year terms upon mutual agreement of the Town and the Contractor and contingent upon the appropriation and availability of funds for each year. The total length of any Master Block-to-Block Contract Document including any extensions will not exceed 48 months (or 4 years) from its original date. The Town shall be the sole and final judge of the existence of sufficient appropriations and the availability of funds, as well as legal authority to perform under this contract, and if the Town should determine that there are insufficient appropriations, availability of funds or legal authority, then the Town may terminate any contract or contract document under this procurement immediately, subject to its obligation to pay for satisfactory work already performed or satisfactory materials already supplied.

4.2.5 Bid Security is not required for this solicitation. The Owner may reduce bid security requirements authorized by the Procurement Code (13-1-28 to 13-1-199, NMSA 1978) to encourage procurement from small businesses. This waiver of the bid security, shall in no way reduce requirements for Performance, Payment, or other Bonds referenced in the Bidding Documents.

4.3 SUBMISSION OF BIDS

4.3.1 Bid and other required documents listed in the Bidding Documents shall be submitted in an opaque sealed envelope marked in accordance with Subparagraph 4.6.2 below.

4.3.2 The Bid envelope shall be addressed at the front center of the envelope to:

TOWN OF TAOS
ATTN: SHARON VOIGT, PROCUREMENT OFFICER
400 CAMINO DE LA PLACITA
ROOM 202
TAOS, NM 87571

Also on the front of the envelope the Bidder shall mark: the name and address of the Bidder in the upper left corner; the name of project, Invitation to Bid Number, date of opening and, time of opening in the lower left corner; and, **"SEALED BIDS ENCLOSED"** in the lower right corner or otherwise on the face thereof

4.3.3 Bids received after the date and time for receipt of bids will be returned unopened.

4.3.4 The Bidder shall assume full responsibility for timely delivery of bids to the Owner, including those Bids submitted by mail or otherwise. Bids will be clocked in at the time received, which must be prior to the time specified. Bids will then be held for public opening.

4.3.5 Oral, telephonic, or telegraphic bids are invalid and will not receive consideration.

4.4 CORRECTION OR WITHDRAWAL OF BIDS

4.4.1 A bid containing a mistake discovered before Bid Opening may be modified or withdrawn by a bidder prior to the time set for Bid Opening by delivering written or telegraphic notice to the location designated in the Invitation for Bid as the place where bids are to be received.

4.4.2 Withdrawn Bids may be resubmitted up to the time and date designated for the receipt of Bids, provided they are then fully in conformance with the Bidding Documents.

4.4.3 After Bid Opening, no modifications in bid prices or other provisions of bids shall be permitted. A low Bidder alleging a material mistake of fact which makes his Bid non-responsive may be permitted to withdraw his Bid if the:

A. mistake is clearly evident on the face of the Bid Document; or

B. Bidder submits evidence which clearly and convincingly demonstrates that a mistake was made.

Any decision by the Owner to permit or deny the withdrawal of a Bid on the basis of a mistake contained therein shall be supported by a written determination setting forth the grounds for the decision. If withdrawal is permitted, bid security will not be forfeited.

4.5 NOTICE OF CONTRACT REQUIREMENTS BINDING ON BIDDER

4.5.1 In submitting this bid, the Bidder represents that he has familiarized himself with the nature and extent of the following requirements and of the Conditions of the Construction Contract (General, Supplementary, Project and Other Conditions):

4.6 REJECTION OR CANCELLATION OF BIDS

An Invitation for Bid may be canceled, or any or all Bids may be rejected in whole or in part, when it is in the best interest of the Owner. A determination containing the reasons therefore shall be made part of the Project file. Bid security for rejected Bids shall be returned to the Bidder.

4.7 CONSIDERATION OF BIDS

4.7.1 RECEIPT, OPENING, AND RECORDING

Bids received on time will be opened publicly and will be read aloud, and an abstract of the amounts of the Base Bids and Alternates or bid items, if any, will be made available to the Bidders. Each Bid shall be open to public inspection (13-1-107, NMSA 1978).

4.7.2 BID EVALUATION AND AWARD

4.7.2.1 The Owner shall have the right to waive technical irregularities in the form of the Bid of the low Bidder which do not alter the price, quality, or quantity of the services, construction, or items of tangible personal property bid (13-1-132, NMSA 1978).

4.7.2.2 It is the intent of the Owner to award a contract to the lowest responsible bidders, provided the Bid has been submitted in accordance with the requirements of the Bidding Documents. The unreasonable failure of a

Bidder to promptly supply information in connection with an inquiry with respect to responsibility is grounds for a determination that the Bidder is not a responsible Bidder (13-1-133, NMSA 1978).

4.7.2.3 Conditional Bids or Bids with additional terms will not be accepted.

4.7.2.4 **Bid will be awarded** individually to the lowest bidder on each item.

4.8 NOTICE OF AWARD

A written Notice of Award shall be issued by the Owner after review and approval of the bid and related documents by the Owner with reasonable promptness (13-1-100 and 13-1-108, NMSA 1978).

4.9 CANCELLATION OF AWARD

When in the best interest of the public, the Owner may cancel the award of any contract at any time before the execution of said contract by all parties without any liability against the Owner.

4.5 SUBCONTRACTORS

No subcontractors will be permitted by contractors selected pursuant to this ITB.

4.6 GUARANTEE OF QUALITY OF MATERIALS.

By submitting a bid, a contractor guarantees that any materials that are supplied shall be duly certified in accordance with the latest edition of the applicable New Mexico Department of Transportation specifications.

4.7 BIDDING PROCEDURES:

4.7.1 Sealed Competitive Bids, copy of CID License(s) (if applicable) and all other required forms including executed Campaign Contribution Disclosure Form, must be received by the Procurement Officer before the Bid due date. Bid opening will be held at Town Hall conference room 109 immediately following the bid due date deadline. **Any bid received after this time will be returned unopened.**

4.7.2 Each bid shall be submitted in a sealed envelope with a Project /Bid number, and the name and address of the bidder plainly marked on the outside of the envelope.

4.7.3 The Bid Form is included with the Bidding Documents. All blanks on the Bid Form shall be completed in ink and the Bid Form signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each Bid item listed therein. **In the case of no bid for any listed item, please write "No Bid," on the Bid Form.**

4.7.4 The Bidder shall assume full responsibility for timely delivery of bids to the Owner, including those Bids submitted by mail or otherwise. Bids hand delivered to the Bid Opening Address shall be received beginning one hour prior to the bid. Bids will be clocked in at the time received, which must be prior to the time specified deadline. Bids will then be held for public opening.

4.7.5 Oral, telephonic, fax or e-mail, bids are invalid and will not receive consideration.

4.7.6 Prior to submitting a bid, the Bidder must carry all licenses required under New Mexico state law for performance of any construction work, Refer to Title 14 Housing and Construction for the New Mexico Administrative Code (NMAC), Chapter 6, Part 6, for a listing of classifications of licenses and certificates issued by the Construction Industries Division (CID) of the New Mexico Regulation and Licensing Department required by law to perform the work.

4.7.7 Upon submitting a Bid, the Bidder represents to the Owner that the Bidder:
A. is financially solvent, able to pay debts, and has sufficient working capital to complete the Work;
B. is able to furnish the plant, tools, materials, supplies, equipment, skilled labor and sufficient experience and competence required to complete the Work equal to or exceeding industry standards;
C. is duly authorized to execute the Bid and Contract Documents and to perform the requirements thereof.

4.8 UNBALANCED BIDS:

Any apparent unbalancing of bids through the use of unrealistically or unreasonably low bids may be cause for rejection of the bid.

4.9 INTERPRETATION OF DOCUMENTS:

If a person submitting a Bid Proposal is in doubt as to the true meaning of any part of the specifications, or finds discrepancies in or omissions from the specifications, he/she may submit to the Town of Taos, a written request for an interpretation or correction thereof. The person submitting such a request shall be responsible for its prompt delivery.

Any interpretation or correction to the bid documents will be made only by an Addendum duly issued, and a copy of the Addendum will be mailed or delivered to each individual receiving a set of the Bid documents. The Town of Taos will not be responsible for any explanation or interpretation of the Bid Documents.

4.10 CONTACT INFORMATION: Questions or clarifications regarding any phase of this solicitation, including specifications, shall be directed in writing to Sharon Voigt, Chief Procurement Officer, 400 Camino de la Placita Room 202, Taos, New Mexico 87571; Telephone: (575) 751-2025; Email: svvoigt@taosgov.com who shall be the sole point of contact for this bid. Questions submitted less than 9 calendar days prior to bid opening, or after October 1, 2019 may not be addressed.

4.11 RESIDENT BUSINESS PREFERENCE OR RESIDENT VETERANS BUSINESS PREFERENCE

The State of New Mexico grant a preference for qualified New Mexico Resident Businesses or Resident Veterans Businesses certified by the State of New Mexico Department of Taxation and Revenue, in accordance with Sections 13-1-21 to 13-1-22 NMSA 1978 . **You must furnish a copy of your State of New Mexico Resident Business or Resident Veterans Business Certificate with your bid to be considered for the in-state preference.** For information on State of New Mexico resident business or Resident Veterans Business certification call 505-827-0951 or to download applications, go to: <http://www.tax.newmexico.gov/Businesses/in-state-veteran-preference-certification.aspx>, select "Businesses" and click on "In-State/Veteran Preference Certification".

4.12 BASIS OF BID:

Unit Price:

Bidders shall submit a Bid on a unit price basis for one or more items of construction materials or construction services listed in the bid schedule and described in the Specifications. **If no bid is submitted for an item, please write in ink "NO BID". Do not** include GRT in the unit price.

Bid award(s) shall be based on the lowest qualified base bid for each item, which meets all standards and specifications on the Bid Documents and is submitted by a responsible bidder

5.0 PROTESTS

5.1 Any bidder, offeror, or contractor who is aggrieved in connection with this procurement (Bid) may protest to the Owner's Central Procurement Officer and the Owner. The protest should be made in writing within twenty-four (24) hours after the facts or occurrences giving rise thereto, but in no case later than fifteen (15) calendar days after the facts or occurrences giving rise thereto (13-1-172, NMSA 1978).

5.2 In the event of a timely protest under Subparagraph 4.10.1 (13-1-172, NMSA 1978 of the Procurement Code), the Owner's Central Procurement Officer and the Owner shall not proceed further with the procurement unless the Owner's Procurement Officer or the Owner makes a determination that the award of contract is necessary to protect substantial interests of the Owner (13-1-173, NMSA 1978).

5.3 The Owner's Central Procurement Officer or his designee shall have the authority to take any action reasonably necessary to resolve a protest of an aggrieved bidder, offeror, or contractor concerning procurement.

5.4 The Owner's Central Procurement Officer or her designee shall promptly issue a determination relating to the protest. The determination shall:

- A.** state the reasons for the action taken; and
- B.** inform the protestant of the right to judicial review of the determination pursuant to Section 13-1-183, NMSA 1978 of the Procurement Code (13-1-175, NMSA 1978).

5.5 A copy of the determination issued under Section 13-1-175, NMSA 1978 of the Procurement Code shall immediately be mailed to the protestant and other bidders or offerors involved in the procurement (13-1-176, NMSA 1978).

6. EQUAL EMPLOYMENT OPPORTUNITY

The Contractor shall not discriminate against any employee or applicant for employment, to be employed in the performance of such contract, with respect to his hire, tenure, terms, conditions, or privileges of employment, because of his race, color, gender, religion, sexual preference, national origin, age, disability or ancestry. Breach of this covenant may be regarded as a material breach of the contract. The Contractor shall comply with the Federal Civil Rights Act of 1964 and Title 7 of that Act as amended; the Americans with Disabilities Act, the Age Discrimination in Employment Act and all other applicable equal opportunity and civil rights laws.

7. OTHER INSTRUCTIONS TO BIDDERS

7.2 PROMPT PAYMENT ACT. The Owner and all contractors shall abide by the requirements of the New Mexico Prompt Payment Act, as set forth in the attached sample Master Block-to-Block Contract Document.

7.3 ROAD CONSTRUCTION STANDARDS. All road and bridge construction projects undertaken pursuant to this procurement shall be constructed in accordance with the Standard Specifications for Highway & Bridge Construction 2014 Edition (silver book) or latest revision.

7.4 EXECUTION AND APPROVAL OF CONTRACT

The Contract shall be signed by the Successful Bidder and returned, together with any required information within fifteen (15) calendar days after the date of the Notice of Award. If the Contract is not executed by the Owner within forty-five (45) days following receipt from the Bidder of the signed Contract, the Bidder shall have the right to withdraw his proposal without penalty unless the Bidder has previously agreed to extend the date for acceptance by the Owner. No Contract shall be effective until it has been fully executed by all of the parties thereto.

8. USE OF CONTRACT BY OTHER AGENCIES

Pursuant to NMSA 1978, § 13-1-129, Bidders are hereby notified that any central purchasing office allowed by law and as otherwise allowed by their respective governing rules and regulations, may contract for the goods and/or services included in this procurement document with the awarded Bidder(s). Contractual engagements accomplished under this provision shall be solely between the Bidder and the contracting entity with no obligation by the Town of Taos.

SECTION 3 SPECIFICATIONS

ROAD CONSTRUCTION MATERIALS AND SERVICES

1. HOT MIX ASPHALT (HMA):

Aggregate shall be classification Type SP-III or SP-IV as set forth in Section 423 NMDOT 2007 Standard Specifications for Highway and Bridge construction. Aggregate, meeting these specifications from a NMDOT approved pit used with an approved NMDOT design mix will require no testing.

A contractor wishing to use material from other sources will submit aggregate samples as required to an approved testing lab for testing and recommended design mix. This testing and design is at the Contractor's expense. Asphalt cement shall be PG 64-28, content will be determined by design mix. Materials shall be governed by the requirements of Section 423, Hot Mix asphalt (HMA), NMDOT 2007 Standard Specifications for Highway and Bridge Construction. Final responsibilities of design mix are subject to Town's approval.

2. PLASTER SAND: 1/8" minus, Plaster or Mason's sand suitable for mason work. Graded in accordance with ASTM C-144.

3. CONCRETE: A.) All concrete shall be Class "A", 3000 PSI, and six sacks per yard mix.

- Minimum size of aggregate shall not exceed one and one half inches.
- All Concrete shall have entraining agent added. Air entraining as mixtures for concrete shall conform to ASTM C-260-60. The air content shall be between 3 and 6 percent volume.
- All other concrete requirements shall be in conformance with the NMSHD Standard Specifications for Roads and Bridge Constructions 2007 Edition.

B.) Grout

C.) Flowable Fill

4. BASE COURSE: Aggregate requirements shall be in conformance with the NMSHTD Standard Specifications, SECTION 304, 2006 Edition, Base Course Gradation. (Attachment of the State Certified Materials for this item will be required.)

5. AGGREGATE ¾" – 1": Shall be as set forth in Table 304 Base Course & Sub-base Gradation. Type I-B sieves size 1" and as described in SECTION 303 Select Aggregate material. As set forth in the NMSHTD Standard Specifications 2007 Edition.

6. CONCRETE (IN-PLACE):

Shall be as set forth in Sections 509-511 of the NMDOT 2007 Standard Specifications for Highway and Bridge construction.

- a) Type "B" curb and gutter, @ 3000 psi
- b) Roll over curb @ 3000 psi
- c) 4" Sidewalk @ 3000 psi
- d) 6" Drive-pad @ 4000 psi
- e) 6" x needed width Valley gutter @ 4000 psi
- f) 4" Concrete slab @ 4000 psi
- g) 6" concrete slab @ 4000 psi

All above items shall include subgrade preparation; placement & backfill as needed or required. All concrete shall be a Class "A" for 3000 psi and Class "AA" for 4000 psi both shall have entraining agent added, conforming to ASTM C-260 with an air content between 3 & 6 percent by volume.

7. CONCRETE (REMOVAL & PLACEMENT):

- a) Curb & gutter (removal)
- b) Curb & gutter (removal & placement)
- c) Sidewalk (removal)

- d) Sidewalk (removal & placement)
- e) Rollover curb & gutter (removal)
- f) Rollover curb & gutter (removal & placement)
- g) Inlet Structures
- h) Valley gutter (removal)
- i) Valley gutter (removal & placement)

Items for concrete removal & placement shall be bid in accordance with the Concrete In-Place Specification mentioned in Item No. 9.

8. ASPHALT (IN-PLACE):

- a) **Pothole Repair:** Shall include removal of existing spoil and any wet or contaminated material. A tack coat shall be applied to saw cut surfaces. 3" base course shall be added and compacted to 95% density in addition 6" of PMBP shall be placed & rolled to existing elevation. (All necessary pavement cuts shall be the sole responsibility of the successful bidder.)
- b) **Streets:** Will include subgrade preparation to include shaping & compaction to a minimum 95% density standard proctor & removal of any spoil material as a result of the preparation. 6" of base course will be placed & compacted to a 95% density standard proctor with 3" of PMBP to follow.
- c) **Street Overlay:** Shall include any needed preparation such as cleaning or pothole repair. A 2" matte or a 1" matte will be placed in accordance with the NMSHTD.
- d) **Parking Lots:** Will include any subgrade preparation needed, disposal of spoil material, 6" of base course & 3" of PMBP with .150 gallons of prime coat.
- e) **Parking Lot Overlay:** Shall include complete site preparation i.e. cleaning, sweeping a 1" or 2" matte will be placed in accordance with the NMSHTD Yellow Book 1994 Edition.
- f) **Speed Humps:** Shall be 12' in width, 4" in height (down the center of the speed hump) with a 12" taper from the curb lip. (Ref. To Attachment 'A')

9. OTHERS:

- a) **Crusher Fines**
- b) **Natural Fines**

10. METHOD OF DELIVERY: All materials sold by weight shall be weighed on certified scales, which are the responsibility of the materials provider.

- a) Materials picked up by the Town of Taos staff – the Town of Taos may at its own discretion pick up materials at the supplier's place of business within 6 miles from the project location within the Town limits or Town owned properties, i.e. Taos Airport, Treatment Plant, etc.
- b) Materials delivered by bidder – the successful bidder will deliver materials to the Town of Taos Public Works Yard or other project locations within the Town limits or Town owned properties, i.e. Taos Airport, Treatment Plant, etc.

11. TIME LIMITATIONS: Successful bidders will be held responsible for any material or work performance needed or requested by the Town of Taos for a period of one (1) year from the date such materials or work are accepted by the appropriate Town of Taos personnel.

The contractor or successful bidder will be responsible to perform any work needed under this contract and or supply any materials also under this contract; all work will be done in accordance with the New Mexico Standard Specifications for Public Works Construction 2006 Edition or latest revision and the Standard Specifications for Highway & Bridge Construction 2014 Edition (silver book) or latest revision. All work will be guaranteed for one (1) full year after acceptance by the appropriate Town of Taos personnel.

In the event that the low bidder is unable to provide the goods and/or services (production) specified in this bid within a forty-eight (48) hour period of notification, the Town of Taos reserves the right to purchase the goods and/or services specified in this bid from the next lowest bidder and so on.

All items on this bid will be awarded individually to the lowest bidder on each item.

An authorized representative of the bidder must sign all bids. The following pertinent information will be required.

- a. Base amount of bid exclusive of applicable gross receipt tax
- b. NM Tax I.D. Number
- c. Federal Tax I.D. Number
- d. Address
- e. Telephone number & contact person
- f. Applicable licensing

The Contractor shall be responsible for the removal of all and any spoil material generated by the job.

Any request by the Town of Taos for spoil material shall be hauled by the contractor to the Town Yard.

GENERAL REQUIREMENTS FOR ALL BIDS:

- A. All bids submitted must use the bid form supplied and must have a per unit price for each item bid.
- B. Bidders must provide proof of properly licensing, bonding and insurance.
- C. Successful bidders with whom the Town contracts will be required to warranty all materials and workmanship resulting from this bid for a period of one (1) year after construction or installation pursuant to a task order.

GENERAL REQUIREMENTS FOR CONSTRUCTION:

- A. It shall be the CONTRACTOR'S responsibility to follow all safety requirements of the Town of Taos (i.e., barricades, signs, cones, hard hats, safety vest and all other applicable requirements).
- B. Street cut permits on any state, county, or Town owned right-of-ways will be required for excavation and shall be the sole responsibility of the CONTRACTOR.
- C. Public notification of any street or lane closures will be the responsibility of the CONTRACTOR twenty-four (24) hours prior to commencement of excavation. House to house, notification will be required on any dead end streets or where ingress and egress will be impaired.
- D. All work shall be inspected upon request by the CONTRACTOR and accepted by the Public Works Director prior to payment being made.

GENERAL REQUIREMENTS FOR ALL CONTRACTORS

Each contractor will be responsible to perform any work and/or supply any materials ordered by the Town under the contractor's contract or contracts with the Town, and all work will be done in accordance with the New Mexico Standard Specifications for Public Works Construction 2006 Edition or latest revision and the Standard Specifications for Highway & Bridge Construction 2014 Edition (silver book) or latest revision.

All items on this bid will be awarded individually to the lowest responsible bidder submitting a responsive bid on each item.

In the event that a Contractor with whom the Town has entered into a Master Block-to-Block Contract Document is unable to commit materials and/or construction for construction or materials for which it was the low bidder within a forty-eight (48) hour period of a request for such materials or construction, the Town of Taos may purchase the materials and/or construction from the next lowest bidder for the same types of materials or construction with whom the Town has entered into a Master Block-to-Block Contract Document, based on the low bidder's price. If such a second low bidder cannot commit to supplying the materials or construction within a forty-eight (48) hour period of a request directed to it, then the Town may purchase the materials from the third lowest bidder with whom the Town has entered into a Master Block-to-Block Contract document, and so on, in order to assure economy and efficiency of service to the Town and the community.

METHOD OF DELIVERY: All materials sold by weight shall be weighed on certified scales, which are the responsibility of the materials provider.

Contractor will deliver materials to the Town of Taos Public Works Yard or other project locations within the Town limits, or other Town owned properties, e.g. Taos Airport, Treatment Plant, etc., as instructed by the Town.

REQUIRED SIGNATURE, FORMS and INFORMATION:

An authorized representative of the bidder must sign all bids. **The following information is required as an attachment or part of the bid:**

- **Completed Campaign Disclosure Form**
- **Contractor License Number and Classification(s) (include copies of licenses)**
- **Copy of Resident Business or Resident Veteran Business Preference Certificate(s), if applicable**

SECTION 4 - BID FORM

BID FORM (Lump Sum or Unit Price)

BIDDER'S Name and Address:

Telephone:

Fax:

Federal Tax ID #:

New Mexico Tax ID #:

CID License #

ITB NO.:19-20-02

PROJECT NAME: ROAD AND
CONSTRUCTION MATERIALS AND
SERVICES

This Bid is submitted to Owner:

By:

**TOWN OF TAOS
400 CAMINO DE LA PLACITA
TAOS, NM 87571
ATTENTION:**

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Owner in the form included in the Bidding Documents to perform and furnish all work and materials as specified or indicated in the Bidding Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. The Bidder accepts all of the terms and conditions of the Invitation for Bid and Instructions to Bidders. This Bid will remain subject to acceptance for forty-five (45) days after the day of Bid opening. The Bidder shall sign and submit the Agreement between Owner and Contractor (hereinafter called Agreement)
3. In submitting this Bid, the Bidder represents, as more fully set forth in the Agreement, that:
 - A. the Bidder has examined copies of all the Bidding Documents and of the following Addenda (receipt of all of which is hereby acknowledged):

No. _____ Title: _____ Date: _____

No. _____ Title: _____ Date: _____

B. the Bidder has familiarized himself with the nature and extent of the Bidding Documents, work, site, locality, and all local conditions, laws, and regulations that in any manner may affect cost, progress, performance, or furnishing of the Work;

C. the Bidder has carefully studied all reports and drawings of subsurface conditions which are identified in the Information Available to Bidders and accepts the determination set forth in the Information Available to Bidders of the extent of the technical data contained in such reports and drawings upon which the Bidder is entitled to rely;

D. the Bidder has correlated the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Bidding Documents;

E. the Bidder has given the Owner written notice of all conflicts, errors, and discrepancies that he has discovered in the Bidding Documents, and the written resolution thereof by the Owner is acceptable to the Bidder;

F. this Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; the Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; the Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding; and the Bidder has not sought by collusion to obtain for himself any advantage over any other Bidder or over the Owner;

G. the Bidder will furnish the materials and/or complete the work for the following price(s) **(do not include any gross receipts tax in the price(s)).**

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
EARTHWORK				
1	Subgrade Preparation (1 - 250 SY)	SY		\$
2	Subgrade Preparation (250 - 500 SY)	SY		\$
3	Subgrade Preparation (501 + SY)	SY		\$
BASE COURSE (IN PLACE)				
4	Base Course (1 - 250 SY/IN)	SY/IN		\$
5	Base Course (251 - 500 SY/IN)	SY/IN		\$
6	Base Course (501 + SY/IN)	SY/IN		\$
COLD MILLING				
7	Cold Milling (1 - 10,000 SY/IN)	SY/IN		\$
8	Cold Milling (10,001 - 50,000 SY/IN)	SY/IN		\$
9	Cold Milling (50,001 + SY/IN)	SY/IN		\$

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
ASPHALT (INPLACE)				
10	Pothole Repair	SY		\$
11	Street Paving	SY		\$
12	Street Overlay	SY/IIN		\$
13	Parking Lots	SY		\$
14	Parking Lot Overlay	SY/IIN		\$
15	Speed Humps (Drawing B)	EA.		\$
CONCRETE REMOVAL AND PLACEMENT				
16	Structural Concrete, Class A	CY		\$
17	Reinforced Concrete for Minor Structures	CY		\$
18	Flowable Fill	CY		\$
19	Removal of Structures and Obstruction	Per Hr		\$
20	Removal and Placement of Curb & Gutter (1-450LF)	LF		\$
21	Removal of Curb and Gutter (1 - 450 LF)	LF		\$
22	Removal of Curb and Gutter (451 - 900 LF)	LF		\$
23	Removal of Curb and Gutter (901 + LF)	LF		\$

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
CONCRETE REMOVAL AND PLACEMENT				
24	Removal and Replacement of Sidewalk (1 - 250 SY)	SY		\$
25	Removal of Sidewalk (1 - 250 SY)	SY		\$
26	Removal of Sidewalk (251 - 500 SY)	SY		\$
27	Removal of Sidewalk (501 + SY)	SY		\$
28	Concrete Sidewalk 4" (1 - 250 SY)	SY		\$
29	Colored Concrete Sidewalk 4" (1-250 SY)	SY		\$
30	Concrete Sidewalk 4" (251 - 500 SY)	SY		\$
31	Colored Concrete Sidewalk 4" (251 - 500 SY)	SY		\$
32	Concrete Sidewalk 4" (501 + SY)	SY		\$
33	Colored Concrete Sidewalk 4" (501 + SY)	SY		\$
34	Drive Pad 6"	SY		\$
35	Concrete Median Pavement 4"	SY		\$
36	Concrete Med Pvmnt 4" (colored & patterned)	SY		\$
37	Concrete Mountable Curb & Gutter 6" x 18" (1 - 450 LF)	LF		\$
38	Concrete Mountable Curb & Gutter 6" x 18" (451 - 900 LF)	LF		\$
39	Concrete Mountable Curb & Gutter 6" x 18" (901 + LF)	LF		\$

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
CONCRETE REMOVAL AND PLACEMENT				
40	Concrete Mountable Curb & Gutter 6" x 24" (1 - 450 LF)	LF		\$
41	Concrete Mountable Curb & Gutter 6" x 24" (451 - 900 LF)	LF		\$
42	Concrete Mountable Curb & Gutter 6" x 24" (901 + LF)	LF		\$
43	Concrete Barrier Curb & Gutter 6" x 18" (1 - 450 LF)	LF		\$
44	Concrete Barrier Curb & Gutter 6" x 18" (451 - 900 LF)	LF		\$
45	Concrete Barrier Curb & Gutter 6" x 18" (901 + LF)	LF		\$
46	Concrete Barrier Curb & Gutter 6" x 24" (1 - 450 LF)	LF		\$
47	Concrete Barrier Curb & Gutter 6" x 24" (451 - 900 LF)	LF		\$
48	Concrete Barrier Curb & Gutter 6" x 24" (901 + LF)	LF		\$
49	Concrete Valley Gutter (6" x Variable Width)	SY		\$
50	Concrete Laydown Curb & Gutter 6" x 24" (1 - 450 LF)	LF		\$
51	Concrete Laydown Curb & Gutter 6" x 24" (451 - 900 LF)	LF		\$
52	Concrete Laydown Curb & Gutter 6" x 24" (901 + LF)	LF		\$

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
MISC. CONSTRUCTION				
53	Storm Inlet Type "A" (NMDOT Drawing 2201)	Each		\$
54	Storm Inlet Type "B" (NMDOT Drawing 2203)	Each		\$
55	Modified Storm Inlet (NMDOT Drawing 2237)	Each		\$
56	Manhole Adjustments (frame and cover To be considered incidental to the pay item)	Each		\$
57	Water Valve Adjustment	Each		\$
58	3/4" Water Service Line 0-20 LF Incl T & BF (0-5' Deep) (Drawing E) Town Will Provide and Set Meter Only	LF		\$
59	1" Water Service Line 0-20 LF Incl T & BF (0-5' Deep) (Drawing E) Town Will Provide and Set Meter Only	LF		\$
60	4" PVC Sewer Service Line 0-20LF Incl T & BF (0-6' Deep) (Drawing D)	LF		\$
61	6" C-900 Water Line 0-20LF Incl T & BF (0-5' Deep) NMDOT Drawings 2301, 2305, 2315, 2320	LF		\$
62	8" C-900 Water Line 0-20LF Incl T & BF (0-5' Deep) NMDOT Drawings 2301, 2305, 2315, 2320	LF		\$
63	4" PVC Sewer Service Line 0-20LF Incl T & BF (6'-10' Deep) (Drawing D)	LF		\$
64	3' Tall CMU Wall (Stucco) (Drawing C)	LF.		\$
65	3' Tall CMU Wall (No Stucco) (Drawing C)	LF.		\$
66	4' Tall CMU Wall (Stucco) (Drawing C)	LF.		\$
67	4' Tall CMU Wall (No Stucco) (Drawing C)	LF.		\$
68	Light Pole Base(s) (Drawing A)	EA.		\$

Bid No.	Item Description	Units	Unit Bid Price Written in WORDS	Unit Bid Price Written in Numbers (dollars and cents)
Misc. Material				
Plant Mix Bituminous Pavement				
	a. Picked up by Town staff	Per Ton		\$
	b. Delivered to Town Yard	Per Ton		\$
Plaster Sand				
	a. Picked up by Town staff	Per Ton		\$
	b. Delivered to Town Yard	Per Ton		\$
Concrete Sand (unwashed)				
	a. Picked up by Town staff	Per Ton		\$
	b. Delivered to Town Yard	Per Ton		\$
Concrete				
	a. Class A 3000 psi	CuYd		\$
	b. Class AA 4000 psi	CuYd		\$
	c. Grout	CuYd		\$
	d. Flowable Fill	CuYd		\$
Base Course				
	a. Picked up by Town Staff	Per Ton		\$
	b. Delivered to Town Yard	Per Ton		\$
Aggregate (3/4" - 1")				
	a. Picked up by Town Staff	Per Ton		\$
	b. delivered to Town Yard	Per Ton		\$

All specific cash allowances are included in the price(s) set forth above.

The Bidder is a(n):

A. INDIVIDUAL;

By:

(Individual's Signature)

Doing business
as:

Business address:

Telephone: ()

FAX: ()

B. PARTNERSHIP:

By:

(Firm Name)

(General Partner's Signature)

Business
address:

Telephone: ()

FAX: ()

C. CORPORATION:

Corporation
Name:

State of
Incorporation:

By _____ Title:

(Print Name of Person Authorized to Sign)

*

Signature of Authorized Person

If a New Mexico Corporation:

NM Certificate of Incorporation Number

If a Foreign Corporation:

NM Certificate of Authority Number

Attest (Secretary):

Business address

Telephone: ()

Email:

CORPORATE SEAL HERE

or,

D. JOINT VENTURE:

By

(Name)

Address:

Telephone: ()

Email:

By

(Name)

Address:

Telephone: ()

Email:

By _____
(Name) _____
Address: _____

Telephone: (____) _____

Email: _____

Each Joint Venture must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated in the appropriate category.

BIDDER MUST FILL IN THE FOLLOWING (if none, write none)

NM License Number _____ License Classification: _____

SECTION 5 – CAMPAIGN DISCLOSURE FORM

Pursuant to Chapter 81, Laws of 2006, any prospective contractor seeking to enter into a contract with any state agency or local public body must file this form with the state agency or local public body. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

THIS FORM MUST BE FILED BY AND PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAD MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official’s behalf for the purpose of electing the official to either statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or un-reimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“Contract” means any agreement for the procurement of items of tangible personal property, services, professional services or construction

“Family member” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law.

“Pendency of the procurement process” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“Person” means any corporation, partnership, individual, joint venture, association or any other private legal entity.

“Prospective contractor” means a person who is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person qualifies for a sole source or a small purchase contract.

“Representative of a prospective contractor” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

DISCLOSURE OF CONTRIBUTIONS applies to contributions made to the following Public Officials:
DANIEL R. BARRONE, MAYOR

COUNCIL MEMBERS:

NATHANIEL EVANS

DARIEN D. FERNANDEZ

GEORGE "FRITZ" HAHN

PASCUALITO M. MAESTAS

Contribution made by: _____

Relation to Prospective Contractor: _____

Name of Applicable Public Official: _____

Date Contribution(s) made: _____

Amount(s) of Contributions(s) _____

Nature of Contributions (s) _____

Purpose of Contributions(s) _____

Signature

Date

Title (position)

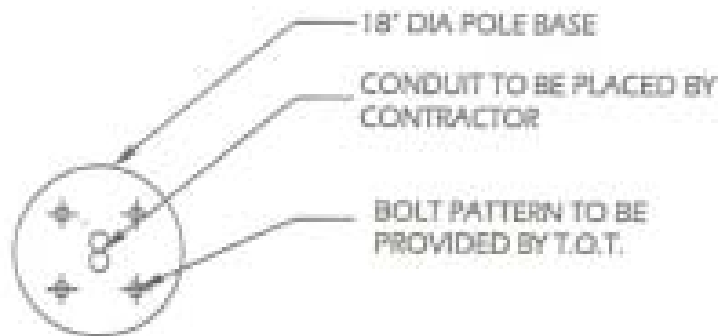
OR

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250)
WERE MADE to an applicable official by me, a family member or representative.

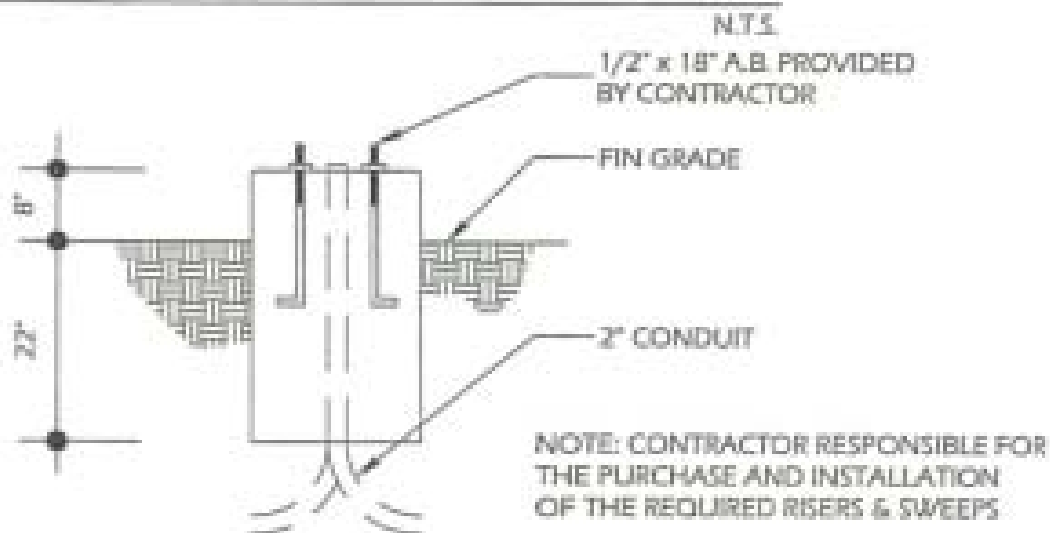
Signature

Date

Title (Position)



PLAN VIEW (light pole base)

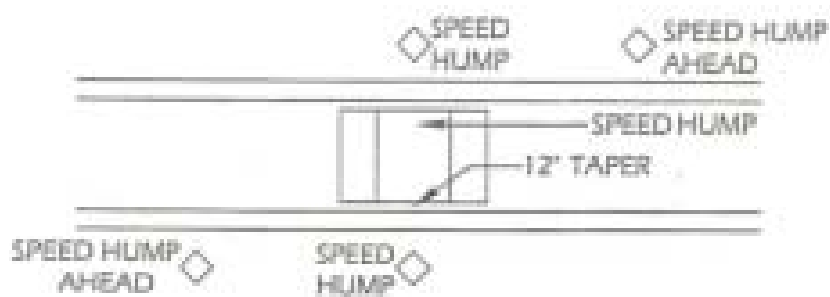


SECTION

N.T.S.

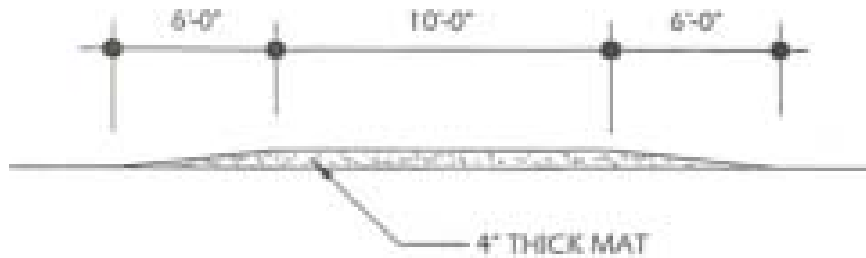
TOWN OF TAOS department of public works

DRAWING "A"



PLAN VIEW

N.T.S.



SECTION

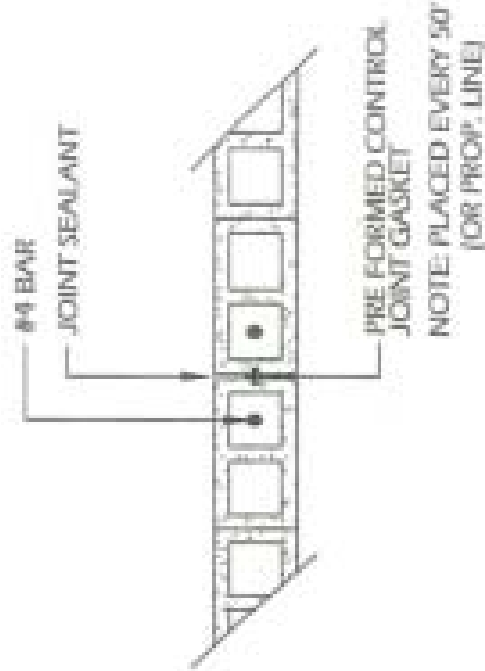
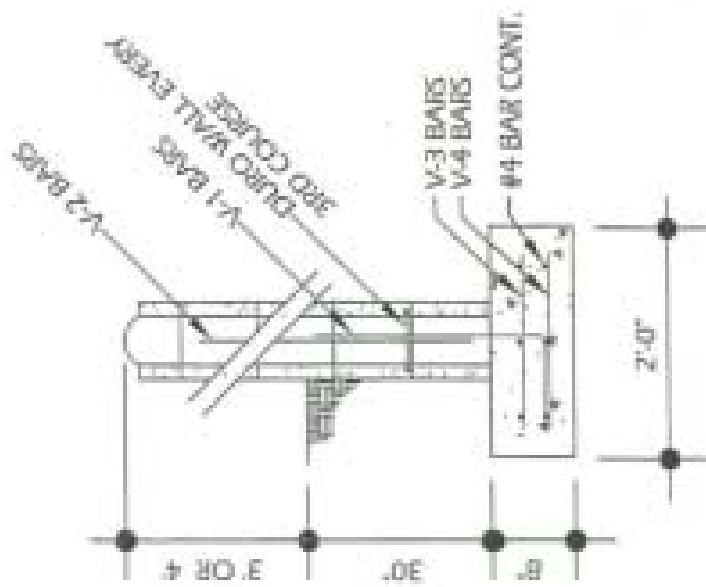
N.T.S.

TOWN OF TAOS department of public works

DRAWING "B"

BAR SCHEDULE

V-1 BARS	V-2 BARS	V-3 BARS	V-4 BARS
#4 @ 48" OC	#4 @ 96" OC	#4 @ 96" OC	#4 @ 48" OC



TYPICAL WALL SECTION

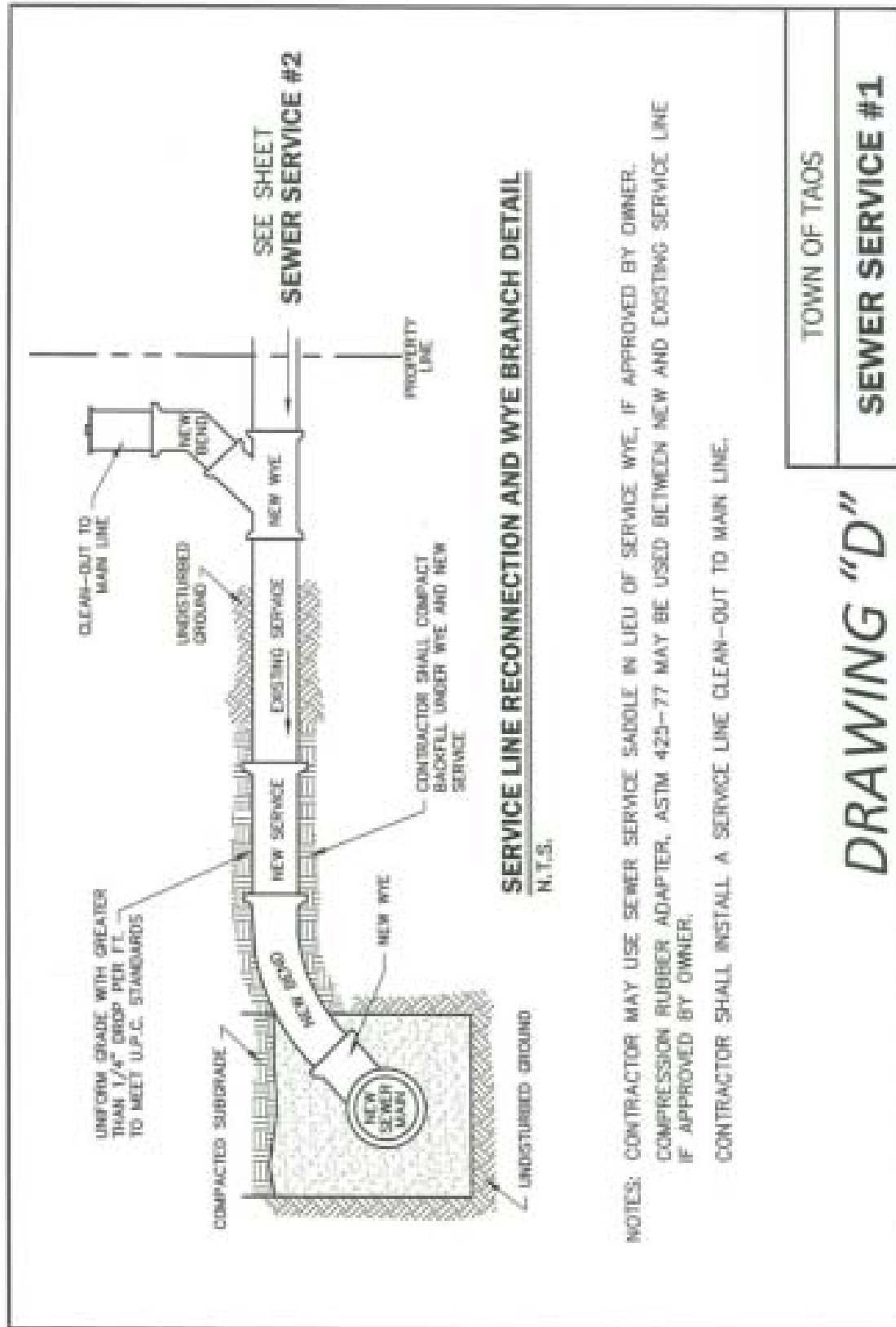
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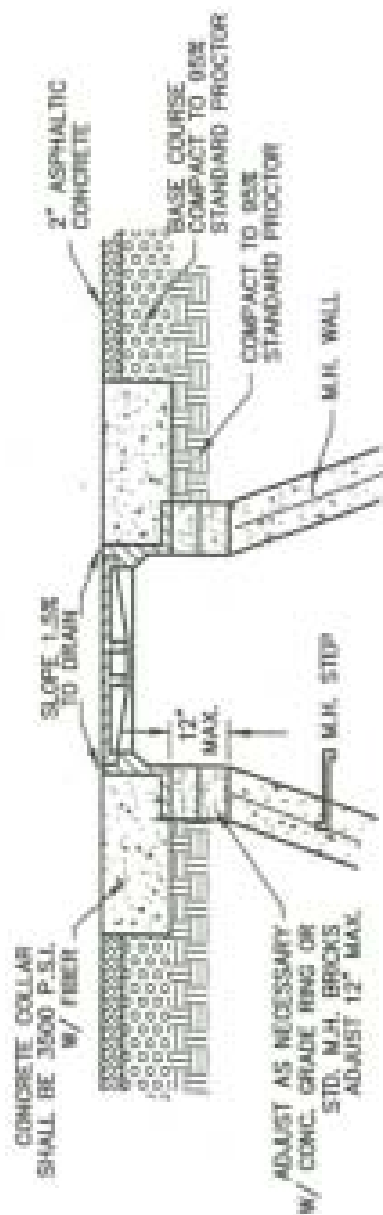
TYP. CONTROL / CONST. JOINT

N.T.S.

TOWN OF TAOS department of public works

DRAWING "C"

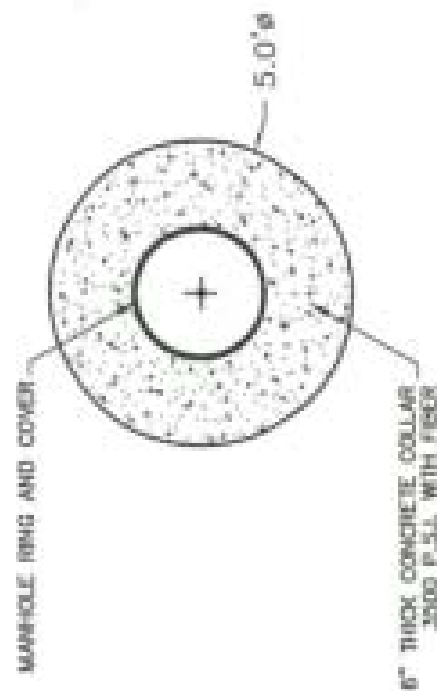




MANHOLE GRADE ADJUSTMENT

N.T.S.

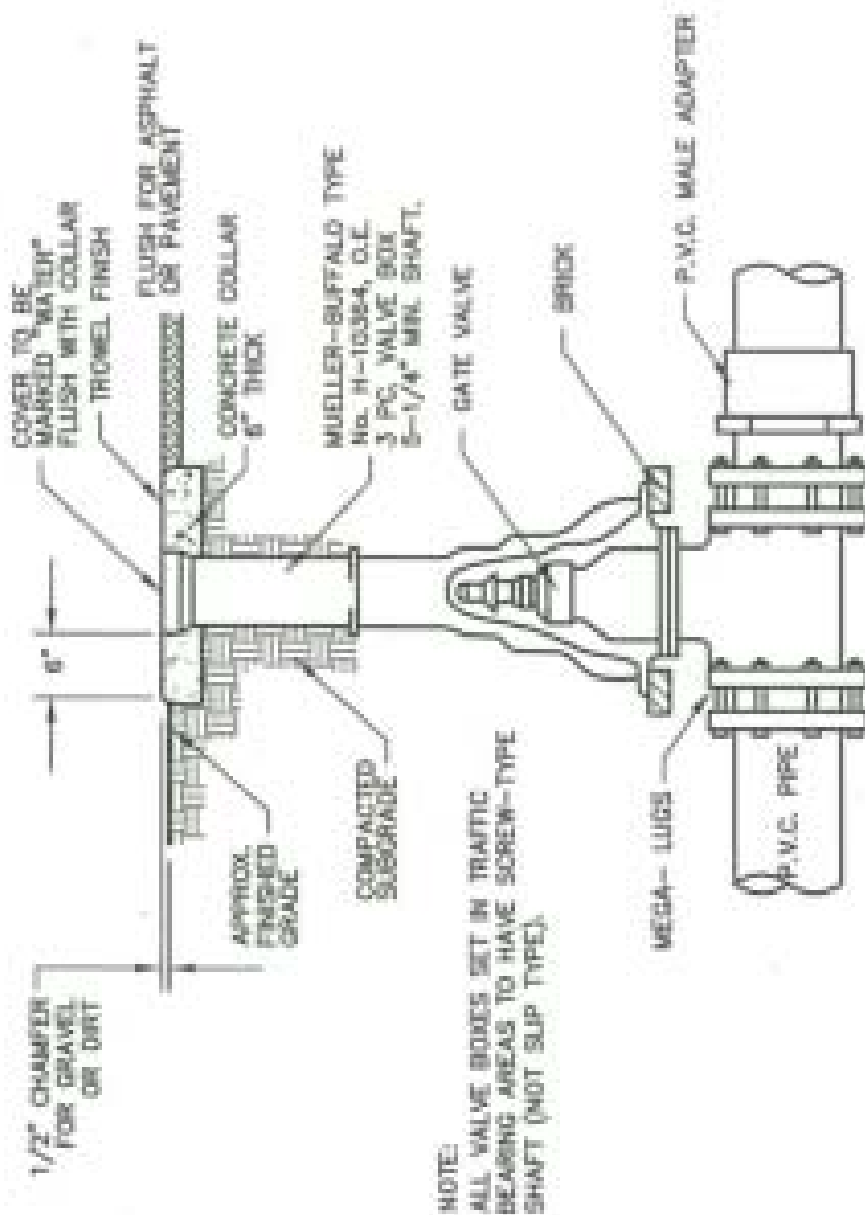
NOTE: ALL BACKFILL AND COMPACTION SHALL CONFORM TO ASTM D1557 REQUIREMENTS.



CONCRETE COLLAR DETAIL

N.T.S.

DRAWING "F"



VALVE GRADE ADJUSTMENT

N.T.S.

DRAWING "G"