

Navajo Nation Division of Transportation

Request for Proposal (RFP)

Bid No. 18-02-1775VJ

The Navajo Division of Transportation (Navajo DOT) is soliciting proposals to construct "N27(2-2)(2-3)(4-2)_N7(2-3)(1)_N105(1)1,2&4 Road Improvement Project in Nazlini/Chinle, AZ". The proposed work consists of grading and subgrade treatment, placement of aggregate base course, placement of hot asphaltic concrete pavement; installation of drainage structures, fencing, cattleguards, gates, signs, striping, bridge repairs, and other miscellaneous work as called for in the design plans and specifications for this 17.47 km (10.86 miles) roadway project located in Nazlini and Chinle, AZ, Apache County, Navajo Nation.

Proposals will be subject to all requirements specified in RFP No. 18-02-1775VJ. The RFP package will be available for download from the Navajo DOT website (www.navajodot.org), beginning February 15, 2018 at 9:00 AM.

A MANDATORY Pre-Proposal Meeting will be held at 10:00 AM (local Window Rock, AZ time) on Thursday, February 22, 2018 at the Nazlini Chapter House. Directions to Nazlini Chapter from Ganado, AZ: Depart US-191/AZ-264 intersection; proceed east 1.4 miles along AZ-264; turn left onto BIA-N27; proceed north 17.0 miles along BIA-N27; and turn right into Nazlini Chapter (Phone: 928-755-5900). The Pre-Proposal Meeting will consist of a brief presentation explaining the N27 Project Scope and the necessary items required to be submitted as part of the RFP. Contractors are encouraged to conduct a field review on their own upon conclusion of the Pre-Proposal Meeting.

Proposal and bid package must be physically submitted to the following address by March 15, 2018, no later than 4:00 PM (local Window Rock, AZ time):

Navajo Division of Transportation
Attention: Ardaniel Begay
Navajo Transportation Complex
#16 Old Coal Mine Road
Mentmore, NM 87319
(505) 371-8351

The Navajo Nation Business Opportunity Act and Navajo Preference Act shall apply to this project. Prospective bidders are encouraged to familiarize themselves with these provisions. Having preference does not guarantee the award of the project. Competitive Sealed Proposals under the Navajo Nation Business Opportunity Act shall be utilized in the selection of the Contractor. Refer to 12 N.N.C §332 Competitive Sealed Proposals.

The Navajo Nation reserves the right to waive any formalities or irregularities in the Request for Proposals and/or to reject any or all bids; to be the sole judge of the suitability of the materials offered and to award a contract for the furnishing of services it deems to be in the best interest of the Navajo Nation.

PROPOSAL SUBMITTAL



All proposals **MUST** have the Prospective Respondent's name and contact information on the outside of the Sealed Proposal and Proposal Cost (envelopes). If not included, it will be considered "Non-Responsive."

All proposals are to be submitted to:

Navajo Division of Transportation
Attention: Ardaniel Begay
Navajo Transportation Complex
#16 Old Coal Mine Road
Mentmore, NM 87319
Phone: (505) 371-8351

All proposals and bid schedule shall be sent in sealed envelope, clearly marked with the following information:

Respondent's Contact Information

RFP Bid Number: 18-02-1775VJ

Project Name: N27(2-2)(2-3)(4-2)_N7(2-3)(1)_N105(1)1,2&4

Contact Person: Ardaniel Begay
Navajo Division of Transportation
Work Phone: (505) 371-8351
Email: abegay@navajodot.org

Please submit one (1) original and five (5) copies of proposals.

PART I

INFORMATION ONLY – NO RESPONSE TO THIS SECTION IS REQUIRED

- A. This Request for Proposal (RFP) provides the prospective respondents with sufficient information that will enable them to prepare and submit a proposal for consideration.
- B. This RFP contains the instructions governing the proposals to be submitted and the materials to be included. These are mandatory requirements which must be met to be eligible for consideration. Failure to adhere will result in a “Non-Responsive” Status.
- C. SCHEDULE OF ACTIVITIES AND TIMELINES:

Schedule of Activities	Timelines
Mandatory Pre-Proposal Meeting at Nazlini Chapter House, Nazlini, AZ	Thursday, February 22, 2018 at 10:00 am
Prospective respondents “Inquiry Timeline.” Questions regarding this RFP must be submitted in writing, by fax or email prior to this date. No questions accepted after this date.	Friday, March 2, 2018, by 4:00 p.m.
Written responses to written questions will be distributed in writing through an Addendum issued on this date.	Thursday, March 8, 2018, by 10:00 a.m.
Due date for all proposals	Thursday, March 15, 2018, by 4:00 p.m.
Opening of proposals and evaluations by the Review Panel	Between March 16, 2018 to March 23, 2018
Selection of Contractor	March 26, 2018

- D. INQUIRIES: Questions regarding this RFP must be submitted in writing, by fax or email to the Project Contact listed below. Written questions as to the intent or clarity of this RFP can be submitted to the Project Contact until the inquiring date listed in Section C. Written responses to written questions and any RFP amendments will be distributed in writing through an Addendum issued on the date listed in Section C. No further questions, in any form, will be entertained after the date listed in Section C.

Project Contact: Ardaniel Begay, Principal Contract Analyst, Navajo Division of Transportation, Telephone: (505) 371-8351, Fax: (505) 371-8399, and Email: abegay@navajodot.org

- E. ADDENDUM OR SUPPLEMENT TO THIS REQUEST FOR PROPOSALS: In the event it becomes necessary to revise any part of this RFP, an addendum will be issued. **The addendum(s) will be available for download from the Navajo Division of Transportation (Navajo DOT) website (www.navajodot.org).** It is important that respondents check the Navajo DOT website for addendum(s). Any respondents that already submitted a proposal will be notified.

- F. PROPOSALS SUBMISSION: Proposal must be received by March 15, 2018, at 4:00 p.m. (local Window Rock, AZ time). Respondents who are mailing their proposals should allow sufficient time for mail delivery to ensure receipt by the time specified. If mailed, it is recommended that proposals be sent by certified mail to the address indicated on Page 2 of this RFP.
- G. NUMBER OF PROPOSALS TO BE SUBMITTED: In the submission of a proposal, one original and five (5) copies must be enclosed in one sealed envelope. The outside of the envelope should be clearly marked with: 1) Respondent's Contact information; 2) the RFP Bid Number; 3) the Project Name; and 4) the NDOT Contact Person.
- H. LATE RECEIPT OF PROPOSALS: Late proposals will not be accepted. It is the responsibility of the respondent to ensure that the proposal arrives at the Navajo DOT on or before the date/time specified.
- I. REJECTION OF PROPOSALS: The Navajo DOT reserves the right to reject any or all proposals and to waive informalities and minor irregularities in the proposals received.
- J. PROPRIETARY INFORMATION: Any restriction on the use of the information, data, contents contained within the proposals must be clearly stated in the proposal itself. Each and every page of the propriety material must be labeled or identified with the word "Proprietary." Proprietary information submitted in response to this RFP will be handled in accordance with applicable procurement regulations.
- K. PROPOSAL MATERIAL OWNERSHIP: All material submitted in reference to this RFP shall become the property of the Navajo Nation and will not be returned to the respondent. Responses received will be retained by the Navajo DOT and may be reviewed by any person(s) after the final selection has been made, subject to Section J. The Navajo DOT has the right to use any or all systems, ideas presented in this RFP, subject to limitations in Section J. Disqualification or non-selection of a respondent does not eliminate this right.
- L. INCURRING COSTS: The Navajo DOT is not liable for any cost incurred by the Respondent prior to issuance of signed contract award for services.
- M. ACCEPTANCE OF PROPOSAL CONTENT: The contents of the proposal of the successful respondent will become contractual obligation, if acquisition action ensues. Failure of the successful respondents to accept this obligation may result in cancellation of the award and such respondent may be removed from consideration for future solicitation.
- N. ACCEPTANCE TIME: The Navajo DOT, in coordination with the Navajo Nation Business Regulatory Department and the Navajo Nation Office of the Controller, intends to select the successful Respondent in the time specified in Section C, after the closing date of receipt of proposals.

- O. AWARD OF ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE (EJCDC) CONSTRUCTION CONTRACT: Upon selection, Navajo DOT will establish a construction contract using the C-520, C-700 and Navajo Nation Supplemental General Conditions, reviewed and approved by the Navajo Nation Department of Justice in the name of the successful respondent; and the contents of the proposal submitted by the respondent will become part of the contract. See attached sample EJCDC Construction Contract Documents.
- P. TAXES: All performance under this Contract within the territorial jurisdiction of the Navajo Nation is subject to the five percent (5%) Navajo Sales Tax (24 N.N.C. 601 et seq.).
- Q. JOINT PROPOSALS: Nothing in this RFP shall be construed to prohibit respondents from entering into a consortium for the purpose of offering a proposal in response to this RFP. Parties to a consortium will not be permitted to submit independent proposals in response to this RFP.
- R. EVALUATION PROCEDURE AND CRITERIA:
- a. Review Panel: A Review Panel, with specific related technical background, will be selected and evaluate the proposals received in accordance with general criteria used herein. The review panel may request for a meeting for purposes of proposal clarification and the respondent should be prepared to provide any additional information the Review Panel feels necessary for a fair evaluation of the proposals.
 - b. Failure of a respondent to provide any information, requested in this RFP, may result in the proposal being disqualified. All proposals must be endorsed with the signature of a responsible official having the authority to bind the respondent in the execution of a contract.
 - c. The sole objective of the review panel is to select the respondent most responsive to the needs of the Navajo Nation and the Navajo DOT. The specification in this RFP represent the minimum performance necessary for a response. On the basis of the evaluation criteria established in this RFP, the Review Panel will select and recommend the respondent who best meets the objective in the Scope of Work in Part II.
 - d. Each RFP will be evaluated and points will be awarded for each criteria item as noted. Descriptions of the components are provided in Part III - Outline of Request for Proposal.
 - Qualifications and Capability.....25 points
 - Experience with Similar Work.....25 points
 - Project Understanding and Approach.....30 points
 - Litigations, Judgments and Surety Company Claims..... 10 points
 - Certified Navajo Business.....0 – 10 points

- S. RETURN PROPOSAL: The Navajo Nation and Navajo DOT has no obligation in returning any of the proposals received in response to this RFP.

- T. COMPLIANCE WITH THE NAVAJO NATION BUSINESS OPPORTUNITY ACT: Proposal will be opened and evaluated in compliance with the Navajo Nation's Business Opportunity Act, 5 N.N.C., Chapter 2, Subsection 201 – 215 and the Navajo Nation Procurement Code Rules and Regulations. Refer to 12 N.N.C. §332 Competitive Sealed Proposals.

PART II

PURPOSE:

The purpose of this Request for Proposal (RFP) is to select a Contractor that will complete grading, drainage, paving and miscellaneous construction for a length of 17.47 km (10.86 miles) of roadway located in Nazlini and Chinle, AZ, Apache County, Navajo Nation.

The Navajo DOT will complete the following:

- Mark the archaeological zones and monitor the sites during the active construction.
- Provide construction management/oversight during construction.
- Provide independent assurance materials testing as necessary.

SCOPE OF WORK

- Project N27(2-2)(2-3)(4-2)_N7(2-3)(1)_N105(1)1,2&4 includes: grading and subgrade treatment, placement of aggregate base course, placement of hot asphaltic concrete pavement; installation of drainage structures, fencing, cattleguards, gates, signs, striping, bridge repairs, and other miscellaneous work along approximately 17.47 km (10.86 miles) of BIA Routes N27, N7 and N105 in Nazlini and Chinle, AZ.
- All work shall be completed in accordance with the Plans, "Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects FP-03" and Special Contract Requirements to FP-03 as provided.
- This project will utilize Federal funding and will need to comply with Federal Regulations and Requirements. See the attached EJCDC Construction Contract, Standard General Conditions, Navajo Nation Supplemental General Conditions, Special Contract Requirements, FP-03 Supplemental Specifications, Project Design Plans, Davis-Bacon Wage Determinations, Environmental Requirements & Permits and related documentation.

PROPOSAL FORMAT: Appearance of the proposal is important and professionalism in the proposal presentation should not be neglected. The proposal standards are as follows:

- The proposal shall not exceed 20 single-sided pages (maximum 8-1/2" x 11") with a minimum of 10 pt. type. Submissions exceeding the 20 page limit will be considered non-responsive and will be un-rated. All pages in the proposal, including photos, charts, graphs, exhibits, letter of interest, etc. are counted toward the 20 pages.
- Submit one (1) original (unbound) and five (5) copies (plastic comb or wire spiral bound) of the proposal.

Part III

OUTLINE OF REQUEST FOR PROPOSAL

Prospective Respondent's interested in providing construction services shall submit a proposal that addresses the following evaluation criteria. The proposal shall be concise and fully self-contained; shall display clearly and accurately the capability, knowledge, experience and capacity of the Prospective Respondent to meet the requirements of this RFP; and must address the following specific criteria in the order and format indicated.

A. LETTER OF INTEREST:

Provide a Letter of Interest on the Prospective Respondent's company letterhead identifying the Prime Proposer and their subcontractors. Briefly summarize the Team's background and any distinguishing qualities or capabilities that uniquely qualify the Team for this project. This letter is to be signed by the president, executive director or owner of the company/organization with authority to bind the Prospective Respondent contractually. In addition, Respondent should acknowledge receipt and review of the addendum(s).

B. QUALIFICATIONS AND CAPABILITY:

- a. Provide a graphic organizational structure chart, clearly describing who the Prime Contractor and individuals are, as well as the roles and responsible individuals of proposed subcontractors if any. Clarify who has decision-making authority.
- b. Describe how your management structure will facilitate completion of all construction work. Identify how this will result in an integrated and cohesive team for managing the project. Describe your commitment to ensure the work will be performed by the experienced personnel listed in this proposal.
- c. Demonstrate expertise, qualifications and experience of Proposer and Team members in construction projects with similar scope and characteristics. Please reference Special Contract Requirement Clause NN-236-1, Performance of Work by the Contractor in Exhibit C of Contract Book, as to the percent of the total dollar amount of work to be performed by the Prime Contractor under the contract.
- d. List the key individuals to be assigned to the project together with the job descriptions, qualifications, certifications, experience and length of time with company. Provide supporting resumes and two references for each position listed below:
 - Project Manager
 - Construction Manager / Superintendent
 - Lead Cost Estimator
 - Chief Scheduler
 - Quality Control Supervisor
 - Key Sub-contractors used for construction services on the project

- e. Describe specifically the procedures the Prime Proposer and each of the Team members will employ to ensure that the project and the Owner are thoroughly supported from the earliest planning stages of construction through the completion of the warranty period. Describe the current workload and availability of staff to handle the project, for the Prime Proposer and each of the Team members.
- f. Document that each individual and/or firm that is proposing to perform material testing, general contracting and construction, and sub-contracting services, is properly licensed or registered to perform such services in the State of Arizona. Material testing consultants must be sufficiently covered by Professional Liability Insurance and contractors must be fully bonded and insured. Provide proof of your company's Certificate of Insurance and other insurances related to this project.
- g. Provide information regarding the financial capability of the Proposed Responder to successfully undertake projects of this type. Provide statements from bonding agencies and insurance carriers. The following bonds are required for the project:
 - Bid Bond/Guarantee. Contractor shall provide to the Navajo Nation a Bid Bond/Guarantee as required by Special Contract Requirement Clause NN-228-1 Bid Guarantee. The amount of the bid guarantee shall be ten (10) percent of the bid price per 12 N.N.C. §341 Bid Security.
 - Performance Bond. Contractor shall provide to the Navajo Nation a Performance Bond as required in Article 11.1 of the Navajo Nation Supplemental General Conditions, Exhibit B, as attached under the EJCDC Construction Contract Documents
 - Payment Bond. Contractor shall provide to the Navajo Nation a Payment Bond as required in Article 11.2 of the Navajo Nation Supplemental General Conditions, Exhibit B, as attached under the EJCDC Construction Contract Documents.
 - Lesser Bond amounts. Contractor shall refer to Article 11.3 of the Navajo Nation Supplemental General Conditions, Exhibit B, as attached under the EJCDC Construction Contract Documents for requirements regarding Lesser Bond amounts.
 - Bonding documentation required. The Navajo Nation's Representative must receive written documentation of all required bonds prior to the issuance of a Notice to Proceed for the Project, and Contractor shall not commence any work or services under this Contract until such documentation is received by the Navajo Nation.

C. EXPERIENCE WITH SIMILAR WORK:

Prospective Respondent shall demonstrate experience and quality of service rendered on road construction projects with similar scope, size and characteristics, especially if completed on the Navajo Nation, other Indian Reservations and rural communities. List and describe in detail at least three (3) completed projects which establish the Prospective Respondent and Team members' experience with relevant transportation projects of similar size and scope completed in the last five years. Provide the following information for each completed project:

- Project Name and Location
- Project Owner's Name and Address; Contact Name, Email Address, and Telephone Number
- Project Scope of Work Performed
- Original Contract Award / Final Contract Amount
- Project Begin Date / Original Project End Date / Final Project End Date
- Number of Contract Modification(s), descriptions, and disposition.

Navajo DOT may contact references for performance appraisal of Prospective Respondent. Failure to provide examples of related projects may result in disqualification or considered as "non-responsive."

D. PROJECT UNDERSTANDING AND APPROACH:

Describe your understanding of the project and approach for delivering construction services for the project. Discuss the major issues your team has identified on this project and your proposed approach to address these issues.

The Government seeks the best solutions to accelerate construction and deliver the project under budget while enhancing value, safety and quality. Describe in detail the proposed innovations your team recommends.

Construction Management – Describe your approach to deliver this project including the following sub-factors:

- Costs – Describe your cost modeling process for the overall project including your strategy relating to a "no change order" philosophy to eliminate cost growth during construction.
- Schedule – Describe your construction scheduling methods to collaboratively optimize the project schedule and to address late project decisions and 3rd party constraints, such as utility relocations. Provide a proposed construction schedule/work plan using a Gantt chart, or other methods, to demonstrate when each major task or phase of construction will be completed for this project.
- Constructability Review – Describe your constructability review process that incorporates a collaborative team approach. Identify specific constructability issues for this project and your proposed solutions.

Manpower - Explain the availability of personnel to complete the project. This project has the potential to be of social and economic benefit to the community. The Government desires maximum practical local participation in the project. Describe your Team's approach, if any, to actively promote utilization of local resources and labor.

Equipment - Provide a list of equipment needed to complete the project.

Communication Plan – Describe how Respondent will communicate with the Navajo DOT, Navajo Nation Nazlini and Chinle Chapters, and impacted residents on the progress of the project. Face-to-Face meetings are preferred when 30%, 60%, 90%, and 100% of the project is completed.

Describe your familiarity of constructing projects on the Navajo Nation. Emphasis is placed on the Respondent's ability to demonstrate sensitivity to Navajo cultural values, and the ability to work with the Navajo Nation government and its constituents at the local Nazlini and Chinle Chapters.

E. LITIGATIONS, JUDGMENTS & SURETY COMPANY CLAIMS:

Have any members of the Team been involved in any litigation with a project owner, municipality or other public agency in the last ten (10) years? If so, explain the circumstances, resolution, and current status.

Have primary members of the Team (i.e. Prime Respondent, Engineer, or Contractor) been involved in any construction-related litigation with any project owners in the last ten (10) years? If so, explain the circumstances, resolution, and current status.

Has a surety company finished a project of or paid a claim relative to any constructor identified in the Proposal within the last ten (10) years? If so, explain the circumstances, resolution, and current status.

F. CERTIFIED NAVAJO BUSINESS:

Provide proof that business is currently certified by the Navajo Nation - Business Regulatory Department and prioritized under Navajo Nation Council Resolution CAP-37-02 and also under the Section 204 (A) (1) and (2) of the revised Navajo Nation Business Opportunity Act.

G. BID SCHEDULE / PROPOSAL COST:

In a separate sealed envelope clearly marked as "BID SCHEDULE – RFQ #18-02-1775VJ Project N27(2-2)(2-3)(4-2)_N7(2-3)(1)_N105(1)1,2&4", and with Respondent's information. The sealed envelope will not be opened by the Review Team until after the proposals have been reviewed and ranked.

End of RFP.

Attachments

- 1) Bid Schedule
- 2) Addendum Acknowledgement

Other Documents

- 1) Plans (N27 North and N27 South)
- 2) Contract Book



BID SCHEDULE
NAVAJO NATION DIVISION OF TRANSPORTATION

PROJECT: N27(2-2)(2-3)(4-2)/N7(2-3)(1)/N105(1)1,2&4
LENGTH: 17.47 km

Date: February 14, 2018

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
10901-0000	Extra & Miscellaneous Work Under Section 109.02(s) using FP-14	All Required	Lump Sum	\$450,000.00	\$450,000.00
15101-0000	Mobilization	All Required	Lump Sum	\$	\$
15201-0000	Construction survey and staking	All Required	Lump Sum	\$	\$
15301-0020	Contractor Quality Control	15,000.0	Man Hr	\$	\$
15701-0000	Temporary Erosion Control	All Required	Lump Sum	\$	\$
15708-1000	Temporary Straw Mulching	38.6	ha	\$	\$
20102-0000	Clearing and Grubbing	All Required	Lump Sum	\$	\$
20304-1000	Removal of Structures & Obstructions	All Required	Lump Sum	\$	\$
20401-0000	Roadway Excavation	414,467.0	m3	\$	\$
20403-0000	Unclassified Borrow	65,466.0	m3	\$	\$
20425-2000	Furrow Ditches	600.0	m	\$	\$
20443-1000	Earthen dike & berms, type A	580.0	m	\$	\$
20443-2000	Earthen dike & berms, type B	440.0	m	\$	\$
20601-0000	Development of Water Supply	80.3	M-Liter	\$	\$
21101-2000	Roadway obliteration, method 2	61,700.0	m2	\$	\$
21301-4000	Subgrade Stabilization with RoadBond EN-1, 152mm depth	101,420.0	m2	\$	\$
25101-2000	Placed Riprap, Class 2	2,690.1	m3	\$	\$
25101-3000	Placed Riprap, Class 3	70.5	m3	\$	\$
25112-2000	Wire enclosed Riprap, Class 2	1,955.6	m3	\$	\$
25302-1000	Gabions, Aluminized Coated, Class 2	477.0	m3	\$	\$
25327-1000	CC20; Articulated Concrete Revetment Mat, 64mm depth	500.0	m2	\$	\$
25327-1020	CC45; Articulated Concrete Revetment Mat, 140mm depth	5,001.0	m2	\$	\$
30101-2000	Untreated Aggregate Base, Grade "Special"	115,204.0	t	\$	\$
40201-0500	Hot Asphaltic Concrete Pavement, Class B, Grade "B"	31,263.7	t	\$	\$
40502-0800	Asphalt Cement, Grade PG 58-28	1,877.2	t	\$	\$
40802-0902	Cold Recycled Asphalt Base Course, various Thickness	8,862.9	t	\$	\$
41101-5000	Asphalt Prime Coat, Penetrating Emulsified Prime- PEP	242.2	t	\$	\$
41201-1000	Asphalt Tack Coat, Grade SS-1	39.2	t	\$	\$
41301-0000	Asphalt Milling, 356 mm depth	8,141.4	t	\$	\$
55201-0200	Structural Concrete Class A(AE)	32.0	m3	\$	\$

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
55207-0000	Repair Concrete, Epoxy Injection and Patching	All Required	Lump Sum	\$	\$
55210-0000	Seal Concrete surface	366.0	m2	\$	\$
55401-2000	Epoxy Coated, Reinforcing Steel, grade 420	2,928.0	kg	\$	\$
60101-0000	Minor Concrete Class A(AE)	569.0	m3	\$	\$
60101-1000	Concrete, Truck Apron, Class A(AE) rough broom finish on PCCP brown colored with Chevron (38 each) symbol.	106.8	m2	\$	\$
60201-0810	610 mm Corrugated Steel Pipe Culvert- Aluminized	592.3	m	\$	\$
60201-0910	762 mm Corrugated Steel Pipe Culvert- Aluminized	159.2	m	\$	\$
60201-1010	914 mm Corrugated Steel Pipe Culvert- Aluminized	548.1	m	\$	\$
60201-1110	1067 mm Corrugated Steel Pipe Culvert- Aluminized	72.5	m	\$	\$
60201-1310	1372 mm Corrugated Steel Pipe Culvert- Aluminized	114.6	m	\$	\$
60201-1810	2134 mm Corrugated Steel Pipe Culvert- Aluminized	97.5	m	\$	\$
60202-0510	711mm x 508mm Corrugated Steel Pipe Arch- Aluminized	178.2	m	\$	\$
60202-0610	889mm x 610mm Corrugated Steel Pipe Arch- Aluminized	506.0	m	\$	\$
60202-0710	1067mm x 737mm Corrugated Steel Pipe Arch- Aluminized	184.1	m	\$	\$
60202-0810	1245mm x 838mm Corrugated Steel Pipe Arch- Aluminized	367.0	m	\$	\$
60202-0910	1448mm x 965mm Corrugated Steel Pipe Arch- Aluminized	651.2	m	\$	\$
60202-1010	1626mm x 1092mm Corrugated Steel Pipe Arch- Aluminized	59.2	m	\$	\$
60202-1110	1803mm x 1194mm Corrugated Steel Pipe Arch- Aluminized	598.8	m	\$	\$
60202-1210	1953mm x 1321mm Corrugated Steel Pipe Arch- Aluminized	71.3	m	\$	\$
60202-5010	2235mm x 1372mm Reinforced Concrete Pipe-Arch	242.1	m	\$	\$
60210-0810	End Section for 610 mm Pipe Culvert- Aluminized	60.0	Each	\$	\$
60210-0910	End Section for 762 mm Pipe Culvert- Aluminized	13.0	Each	\$	\$
60210-1010	End Section for 914 mm Pipe Culvert- Aluminized	24.0	Each	\$	\$
60210-1110	End Section for 1067 mm Pipe Culvert- Aluminized	3.0	Each	\$	\$
60210-1310	End Section for 1372 mm Pipe Culvert- Aluminized	4.0	Each	\$	\$
60211-0910	End Section for 711mm x 508mm CSPA - Aluminized	20.0	Each	\$	\$
60211-1010	End Section for 889mm x 610mm CSPA - Aluminized	23.0	Each	\$	\$
60211-1110	End Section for 1067mm x 737mm CSPA - Aluminized	11.0	Each	\$	\$
60211-1210	End Section for 1245mm x 838mm CSPA - Aluminized	14.0	Each	\$	\$
60211-1310	End Section for 1448mm x 965mm CSPA - Aluminized	25.0	Each	\$	\$
60211-1510	End Section for 1803mm x 1194mm CSPA - Aluminized	12.0	Each	\$	\$
60211-1610	End Section for 1956mm x 1321mm CSPA - Aluminized	3.0	Each	\$	\$
60212-5010	Elbow, 2235mm x 1372mm Reinforced Concrete Pipe-Arch	8.0	Each	\$	\$

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
60222-2000	2.44m span x 2.44m rise precastCBC, 2-barrel w/wingwalls & concrete apron	34.1	m	\$	\$
60222-3250	3048mm span x 3048mm rise single barrel precast CBC	29.0	m	\$	\$
60224-2000	2.44m span x 2.44m rise precastCBC, 4-barrel w/wingwalls & concrete apron	31.7	m	\$	\$
60401-0000	Manhole Installation	2.0	Each	\$	\$
60701-1000	Removing, Cleaning, Stockpiling CSPC	538.8	m	\$	\$
60812-0300	Concrete Spillway, Type 3	29.0	Each	\$	\$
60812-0400	Concrete Spillway, Type IV-1, for concrete curb	4.0	Each	\$	\$
60902-1000	Curb & gutter, concrete, 305mm depth	2,933.0	m	\$	\$
61501-0100	Sidewalk, concrete, 1.22m width	3,350.3	m2	\$	\$
61502-1000	Drive pad, concrete	3.0	Each	\$	\$
61505-1000	Handicap ramp, concrete w/ Tactile ADA PAD	33.0	Each	\$	\$
61701-5000	Guardrail System, SGR04b, Type PDE02 w/ SKT-350 end treatment	691.0	m	\$	\$
61707-0000	Structure Transition Railing	31.0	m	\$	\$
61801-0000	Concrete jersey barrier	146.6	m	\$	\$
61901-1000	Fence, 5-strand barbed wire	33,562.7	m	\$	\$
61902-0910	Type 1 gate for 4.5m wide turnout	1.0	Each	\$	\$
61902-1300	Type 1 gate (4200 mm)	2.0	Each	\$	\$
61902-2310	Type 2 gate	1.0	Each	\$	\$
61903-0310	Cattle guard, 2 unit 4900 mm with gate	24.0	Each	\$	\$
61903-0710	Cattle guard, 3 unit 7190 mm with gate	11.0	Each	\$	\$
61903-1010	Cattle guard, 4 unit 9480 mm with gate	1.0	Each	\$	\$
61903-1210	Cattle guard, 5 unit 11770 mm with gate	1.0	Each	\$	\$
61921-1000	Remove and reset fence	1,698.8	m	\$	\$
62101-0000	Right-of-way monument	103.0	Each	\$	\$
62102-0000	Reference Marker	103.0	Each	\$	\$
62510-1000	Seeding, Dry Method	38.6	ha	\$	\$
62901-1100	Rolled erosion control product, Type IV	12,267.0	m2	\$	\$
63302-2001	Sign Installation, 1 Post - 38mm x 38mm square steel tube	4.3	m2	\$	\$
63302-2002	Sign Installation, 1 Post - 44mm x 44mm square steel tube	36.2	m2	\$	\$
63302-2003	Sign Installation, 1 Post - 50mm x 50mm square steel tube	16.1	m2	\$	\$
63302-2006	Sign Installation, 2 Post - 50mm x 50mm square steel tube	28.9	m2	\$	\$
63302-2007	Sign Installation, 2 Post - 57mm x 57mm square steel tube	17.1	m2	\$	\$
63308-2000	Object Marker, type 2, 38mm x 38mm steel square tube	130.0	Each	\$	\$
63308-3010	Object Marker, type 3, 38mm x 38mm steel square tube	4.0	Each	\$	\$

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
63308-3020	Object Marker, type 3, 51mm x 51mm steel square tube	4.0	Each	\$	\$
63309-0030	Delineator, type "1a", 38mm x 38mm steel square tube	28.0	Each	\$	\$
63309-0040	Delineator, type "1b", 38mm x 38mm steel square tube	89.0	Each	\$	\$
63318-1020	Milepost marker, 38mm x 38mm steel square tube	22.0	Each	\$	\$
63401-1510	Pavement Markings, Type "H", Solid Yellow, 102mm	14,648.0	m	\$	\$
63401-1520	Pavement Markings, Type "H", Solid White, 102mm	32,009.5	m	\$	\$
63401-1610	Pavement Markings, Type "H", Broken Yellow, 102mm	18,783.3	m	\$	\$
63401-1620	Pavement Markings, Type "H", Broken White, 102mm	7,403.1	m	\$	\$
63401-1621	Pavement Markings, Type "H", Broken White, 203mm	82.0	m	\$	\$
63401-1622	Pavement Markings, Type "H", Broken White, 457mm	36.3	m	\$	\$
63405-2900	Pavement Markings, Type "H", turn arrow	53.0	Each	\$	\$
63405-2950	Pavement Markings, Type "H", straight arrow	4.0	Each	\$	\$
63405-3000	Pavement Markings, Type "H", straight/turn arrow combinati	12.0	Each	\$	\$
63405-3050	Pavement Markings, Type "H", "ONLY" word message	6.0	Each	\$	\$
63405-3260	Pavement Markings, Type "H", "STOP" bar, solid white	31.0	Each	\$	\$
63405-3280	Pavement Markings, Type "H", zebra crosswalk, solid white	10.0	Each	\$	\$
63405-3290	Pavement Markings, Type "H", Diagonal striping, solid yellow	4.0	Each	\$	\$
63502-3000	Raised Pavement Markers, type MS200 "solarmarkers" Yellow Flashing with shaft	96.0	Each	\$	\$
63501-0000	Temporary Traffic Control	All Required	Lump Sum	\$	\$
63502-3000	Temporary traffic control, Raised Pavement Marker	11,321.0	Each	\$	\$
63509-1000	Flagger	15,178.0	Man Hr	\$	\$
63600-1100	Pedestrian Crossing LED Programable Flashing Beacon, Solar Powered	2.0	Each	\$	\$
63612-1300	Luminaire, Solar led street light with 9.14m pole	5.0	Each	\$	\$
63621-1000	Utility box, pullbox	1.0	Each	\$	\$
				Subtotal:	\$
				Navajo Nation Tax (5%):	\$
				Total Bid Price:	\$

SCOPE-OF-WORK

The proposed work consists of furnishing all labor, material, equipment and incidentals necessary for construction of 17.47 km of constructing grade, drainage, aggregate base course, hot asphaltic concrete pavement and miscellaneous construction in accordance with the specification and design drawings for this Project. The quantities listed for each item is estimated and the Unit Price is applicable to each as given in the Bid Schedule above. The final pay quantity measurements shall be rounded to the significant figures given in this bid schedule for the final pay estimate. Payment for work performed on Items furnished will be made in accordance with Sub-Section 109.05, Scope of Payments of FP-03. **The Unit Bid Price must include all overhead, profit, and bonding.**

Addendum Acknowledgement

Addendum:

In submitting this Bid, Respondent represents that: *Respondent has examined and carefully studied the RFP and attachments, and any data and reference items identified in the RFP documents, and hereby acknowledges receipt of the following Addenda:*

Addendum No:

Addendum Date:

Respondent's Acknowledgement Signature:

Name and Title

Company Name

Signature