

**CONTRACT BOOK
FOR
N55(1-2)4**

**PAVEMENT RECONSTRUCTION, BORROW, GEOGRID,
AGGREGATE BASE COURSE, HOT MIX ASPHALT
(HMA) PAVEMENT and MISCELLANEOUS
CONSTRUCTION FOR LENGTH OF 8.26 MILES of
ROADWAY LOCATED FROM MP 17.230 to MP 25.495,
SOCORRO COUNTY, NM, NAVAJO NATION**

June 2025



**Navajo Division of Transportation
Navajo Transportation Complex
#16 Old Coal Mine Road
Mentmore, NM 87319
Phone (505) 371-8300**

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**AGREEMENT BETWEEN GOVERNMENT AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (FIXED PRICE)**

BUSINESS UNIT #'S & AMOUNTS: ##### \$ #,###,###.##

CONTRACT NOT TO EXCEED: \$ #,###,###.##
(Amount to encumber)

BEGINNING DATE OF CONTRACT: Date of Notice to Proceed
ENDING DATE OF CONTRACT: 160 working days after Notice to Proceed

IDENTIFICATION OF THE PARTIES; PROJECT. This Contract is entered into by and between the Navajo Nation who is hereinafter referred to as "Government" and _____, who is hereinafter referred to as "Contractor." The Navajo Nation and Contractor are herein jointly referred to as "Parties." The authorized representatives for both Parties are named in the Primary Contract. The Project that is the subject of this Contract is the "N55(1-2)4 Road Project" Socorro County, NM hereinafter referred to as "the Project."

ARTICLE 1 – PRIMARY WORK LOCATION

1.1 In the performance of work or provision of services pursuant to this Contract the Contractor is authorized to travel at Contractor's sole expense. The work to be performed and/or services to be provided shall be primarily in Socorro County area of the Navajo Nation, state of New Mexico.

ARTICLE 2 – THE PROJECT

2.1 *Contract Number*

Upon contract execution, the Government shall assign a Contract Number which shall be shown in the Administrative Purposes box on page 1 herein. All invoices submitted by Contractor for payment shall reference said Contract Number, including the Project Name and Business Unit Number.

2.2 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows: Project N55(1-2)4 Includes:
Roadway excavation; milling, crack cleaning/sealing of the existing pavement surface; placement of aggregate base course, geogrid and asphalt pavement; striping, and other miscellaneous work as called for in the design plans and specifications for this project.

ARTICLE 3 – ENGINEER; GOVERNMENT AND CONTRACTOR’S REPRESENTATIVE

- 3.1 The Project has been designed by Wilson & Company, herein referred to as “Engineer of Record”.
- 3.2 The Government’s representative [Contracting Officer (CO)] is Buu Nygren, Navajo Nation President whose phone number is (928) 871-7000 and will assume all duties and responsibilities, and have the rights and authority assigned to insure the completion of the Work in accordance with the Contract Documents.
- 3.3 The Contractor’s representative is _____ whose phone number is () _____.

ARTICLE 4 – CONTRACT TIMES

4.1 *Time of the Essence*

All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.2 *Dates for Substantial Completion and Final Payment*

The Work will be substantially completed on or before 140 working days after NTP, and completed and ready for final payment in accordance with Paragraph 14.7 of the Standard General Conditions on or before.

4.3 *Days to Achieve Substantial Completion and Final Payment*

The Work will be substantially completed within 140 working days after the date when the Contract Times commence (Notice to Proceed) to run as provided in Paragraph 2.3 of the Standard General Conditions, and completed and ready for final payment in accordance with Paragraph 14.7 of the Standard General Conditions within 160 working days after the date when the Contract Times commence to run.

Please note that the above durations do not take into consideration non-working days for weather conditions, shutdowns during winter suspension(s) and holidays. See Article 12.3 of Standard General Conditions, Exhibit A for requirements related to Delay claims.

4.4 *Liquidated Damages*

Contractor and Government recognize that time is of the essence as stated in Paragraph 4.1 above and that Government will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.2 above, plus any extensions thereof allowed in accordance with Article 12 of the Standard General Conditions. The contractor shall pay Government the amounts, as reflected in Table 108-1 of Section 108 in the FP-2014 for each day that expires after the time specified in Paragraph 4.2 above until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Government, Contractor shall continue to pay damages for each day that expires after the time specified in Paragraph 4.2 above for completion and readiness for final payment until the Work is completed and ready for final payment.

ARTICLE 5 – CONTRACT PRICE

5.1 *Original Contract Amount:*

(\$) which amount is the Original Contract Amount. Any modification of this amount shall comply with Article 12 of the Standard General Conditions. The Contractor hereby acknowledges and agrees that said payment constitutes the full and adequate consideration for all work fully and satisfactorily performed, for all applicable taxes, permit fees, licensing fees, registration fees, bonding and surety costs, insurance or any other expenses necessary or convenient for the Contractor to perform under this Contract

5.2 Government shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.2.A, 5.2.B, or 5.2.C below as applicable:

- A. For all work other than Unit Price Work, a total sum of: \$0 in accordance with the Contractor's Schedule of Values, attached as Exhibit D.
- B. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the actual quantity of that bid item, attached as Exhibit D.

The Bid prices for Unit Price Work set forth as of the Effective Date of the Agreement are based on estimated quantities. As provided in Paragraph 11.3 of the Standard General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by the Construction Manager.

- C. For all Work, at the prices stated in Contractor's Bid, attached hereto as Exhibit D.

ARTICLE 6 – PAYMENT PROCEDURES

6.1 *Submittal and Processing of Payments*

- A. **Payment approval required.** No payment shall be authorized or remitted to the Contractor unless and until the Government's representative, or his/her successor or designee, approves in writing in advance the work performed or services provided under this Contract, and has given prior written approval of invoice(s), billing(s), or payment application(s) submitted to the Government. All invoices must be supported by adequate verification, documentation, and itemization of all required Project deliverables received by the Government.
- B. **Subcontractor Expenses.** The Contractor shall be solely responsible for all consideration, compensation, taxes, fees or any other expenses whatsoever, related to the Contractor's use of any subcontractors, agents, representatives, employees or consultants in the performance of Contractor's obligation under this Contract.
- C. Contractor shall submit Applications for Payment in accordance with Article 14 of the Standard General Conditions. Applications for Payment will be processed by Construction Manager as provided in the Standard General Conditions.

6.2 *Progress Payments; Retainage*

- A. Government shall make progress payments on account of the Contract Price on the basis of Contractor's application for payment on or about the 1st day of each month during performance of the work as provided for in Article 14 of Exhibit A and Section 109.08 of Exhibit F.
- B. Retainage shall be applied to each progress payment as provided for in Article 14, Paragraph 14.2.D of Exhibit A.

6.3 *Final Payment*

Upon final completion and acceptance of the Work in accordance with Paragraph 14.7 of the Standard General Conditions, Government shall pay the remainder of the Contract Price as recommended by Construction Manager as provided in said Paragraph 14.7.

6.4 *Availability of Funds*

- A. Appropriations required. Pursuant to 2 N.N.C. §223 A, the obligation of the Government to pay Contractor the entire Original Contract Amount, or any portion thereof as invoiced, or any amounts under any and all contract modifications, or amendments to this Contract, shall be contingent upon the availability of funds, from whatever source, for the Project which is the subject of this Contract.
- B. Subsequent fiscal periods. Pursuant to 12 N.N.C. §350 D, if funds adequate to support continuation of performance under this Contract are not appropriated or otherwise become unavailable during any fiscal period(s) subsequent to that period in which this Contract is entered into, then this Contract may, at the sole discretion of the Government, be cancelled and Contractor shall be reimbursed only for the reasonable value of any non-recurring costs incurred as a direct result of work performed under this Contract.

ARTICLE 7 – INTEREST

- 7.1 All moneys not paid when due as provided in Article 14 of the Standard General Conditions shall bear interest at the rate of **5%** percent per annum.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

- 8.1 In order to induce Government to enter into this Agreement, Contractor makes the following representations:
 - A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
 - B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work, including but not limited to (1) conditions bearing upon transportation, disposal, handling, and storage of materials; (2) the availability of labor, water, electric power, and roads; (3) uncertainties of weather, river stages, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The Contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this

information is reasonably ascertainable from an inspection of the site, including all exploratory work done by the Government, as well as from the drawings and specifications made a part of this contract. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the Government.

- C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities), if any, that have been identified in Paragraph 4.2 of the Standard General Conditions as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in Paragraph 4.6 of the Standard General Conditions as containing reliable "technical data."

The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its Engineer, officers, or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

- E. Contractor has considered the information known to Contractor; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Contract Documents; and (3) Contractor's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 8.1.E above, Contractor does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. Contractor is aware of the general nature of work to be performed by Government and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has given Government written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

ARTICLE 9 – CONTRACT DOCUMENTS

9.1 Documents Constituting the Contract

Agreement between Government and Contractor for Construction Contract (Fixed Price)

Exhibit A - Standard General Conditions

Exhibit B - Project Specific Supplemental General Conditions

Exhibit C - Special Contract Requirements

Exhibit D - Bid Instructions and Schedule

Exhibit E - Required Contract Forms

Exhibit F - Standard Specifications for Construction of Roads & Bridges **FP-2014** & Supplemental Specifications

Exhibit G - Project Design Plans

Exhibit H - Davis Bacon Wage Rate Determination

Exhibit I - Environmental Requirements & Permits

The above are to be considered collectively as one agreement/contract and the term "Contract" whenever used herein shall be deemed to include all such documents.

- 9.2 Contract Documents: The Parties hereby acknowledge and agree that the written provisions contained in the documents listed in Article 9.1 herein constitute the complete understanding of the Parties with respect to the subject matter of this Contract, and that there are no promises or representations between the Parties other than those set forth herein. Any conflict between any provision(s) contained in the Contract documents shall be resolved by reference to and interpretation of the provision(s) contained in the Agreement, Standard General Conditions and Project Specific Supplemental General Conditions.

ARTICLE 10 – MISCELLANEOUS

10.1 *Terms*

Terms used in this Agreement will have the meanings stated in the General Conditions.

10.2 *Assignment of Contract*

- A. *Assignment Restricted.* The Contractor shall not in any manner whatsoever assign, convey, transfer, or sublet any rights to this Contract or any interest therein including any amendments or modifications thereto, any work product resulting from the work performed or services provided under this Contract including any amendments or modifications thereto, or any monetary claims against the Government relating to this Contract or any amendments or modifications thereto, without the prior written consent of the Government. Any attempted assignment without such prior consent shall be void; said consent may be granted, granted upon conditions, or withheld, at the Government's sole discretion.
- B. *No Third-Party Beneficiaries.* Notwithstanding any provision of Navajo Nation law, codified or uncoded, or any Navajo Nation common or fundamental law, no provision of this Contract shall be construed as conferring any rights to, and may not be invoked by or for the benefit of, any other person or entity that is not one of the signatory Parties hereto.

10.3 *Successors and Assigns*

Partners, Successors, Subcontractors. All provisions, conditions and covenants contained in the Contract Documents shall extend to and be binding upon each of the Contractor's owners, partners, team members, successors, heirs, assigns, executors, administrators, employees, officials and agents, including all of the Contractor's subcontractors, and the Contractor expressly agrees that the term "Contractor" whenever used herein, or in any other Contract document, shall be deemed to include all such owners, partners, team members, successors, heirs, assigns, executors, administrators, employees, designees, consultants, officials, agents, and subcontractors.

10.4 *Severability*

Severability. If any provision of this Contract is determined, by a court of competent jurisdiction arbitration decision, to be invalid, illegal or incapable of being enforced under any rule of law, all other conditions and provisions of this Contract shall nevertheless remain in full force and effect.

10.5 *Contractor's Certifications*

A. Contractor agrees to submit an "Affidavit of Non-Collusion" prior to the Government's execution of this Contract. The Contractor shall certify (see Required Contract Forms in Exhibit E) that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.5:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;
2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Government, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Government of the benefits of free and open competition;
3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Government, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

10.6 *Right to Refuse Contract*

A. *Right to Refuse Contract.* The Government reserves its right to refuse to execute this Contract upon a written determination that any of the following has occurred prior to the Nation's execution of this Contract:

1. *faulty procurement*; a document, procedure, decision, action, or other event pertaining to the

procurement of this Contract, or to any related pre-procurement activities, is in violation of any applicable Navajo Nation, federal, or state laws or regulations governing said procurement; or

2. *ancillary firm(s)*; an ancillary firm is ineligible for the award of this Contract or is unavailable to perform on the Project, for any reason; in such case, the Government may, in its discretion, either (1) reject the selected Proposal containing the ancillary firm's qualifications and refuse to execute this Contract; or (2) decide not to reject the Proposal and consider only the license and relevant qualifications of the Contractor standing alone; or (3) decide not to reject the Proposal and permit another equally/more qualified firm to perform those Contract services that would have been performed by the ineligible or unavailable firm; or
3. *lack of funding availability*; when funding for the Scope of Work has become wholly or partially unavailable; or
4. *change to SOW or other requirements*; the Scope of Work or any other mandatory requirement is required to be changed significantly; or
5. *change to Budget/MFP*; there has been a revision (whether increase or decrease) of the budget or Maximum Feasible Price that was originally established by the Government prior to the initiation of the procurement process for this Contract; or
6. *protest filed*; a protest has been timely filed in accordance with 12 N.N.C. §360(A), unless a determination has been made to proceed with a Contract award pursuant to 12 N.N.C. §360(F); or
7. *other reasons cited in Regulations*; any of the following pertains to this procurement:
 - A. inadequate or ambiguous specifications were cited in the RFP/RSQ;
 - B. the services contemplated under this Contract are no longer required;
 - C. the RFP/RSQ did not provide for consideration of all factors of cost to the Government
 - D. all Proposals received indicate that the needs of the Government can be satisfied by a less expensive service differing from that described in the RFP/RSQ;
 - E. all fee Proposals received exceed the Maximum Feasible Price after opportunity for negotiation pursuant to 12 N.N.C. §346(D);
 - F. the selected Proposal was collusive, contained fraudulent statements or information, contained any material misrepresentation, or was submitted in bad faith; and
 - G. Cancellation of proposed Contract serves in the best interest of the Government.

10.7 *Private Contractor*

Private Contractor. The Contractor shall perform and conduct all activities under this Contract as a private independent Contractor and shall not be considered an employee of the Government or receive any benefits to which the Government's employees are entitled.

10.8 *Requests for Information*

Requests for Information. When requested by the Government, Contractor shall submit proper verification of invoices, pay applications, reports, documents or any other information related to this Contract within fourteen (14) calendar days of the date of the request.

IN WITNESS WHEREOF, Government and Contractor have signed this Agreement. Counterparts have been delivered to Government and Contractor. All portions of the Contract Documents have been signed or have been identified by Government and Contractor or on their behalf.

This Agreement will be effective on _____ which is the Effective Date of the Agreement.

**Notice To Proceed Date, which will be given once contract is fully reviewed (164 Review Process), encumbered and assigned a contract number by NN Division of Finance.*

NOTE TO USER: The Effective Date of the Agreement and the dates of any Construction Performance Bond and Construction Payment Bond (Exhibit E) should be the same, if possible. In no case may the date of any bonds be earlier than the Effective Date of the Agreement.

GOVERNMENT:

The Navajo Nation

By: Buu Nygren

Title: President

(If Government is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Agreement.)

Attest: _____

Title: _____

Address for giving notices:

P.O. Box # 7440

Window Rock, AZ 86515

CONTRACTOR:

By: _____

Title: _____

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____

Title: _____

Address for giving notices:

License No.: NM #####
(Where Applicable)

Contract has been reviewed and determined to be in accordance with Navajo Nation Law.

Agent for service of process: _____

Pursuant to 1 N.N.C. §554(J)(2) and (K)(2), Navajo Nation Department of Justice approval is required for all agreements that include a limited waiver of sovereign immunity to compel or enforce arbitration under the Navajo Nation Arbitration Act, as amended, 7 N.N.C. §1101 et seq.

EXHIBIT A

STANDARD GENERAL CONDITIONS

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ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.1 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument which is evidence of the agreement between Government and Contractor covering the Work.
 3. *Application for Payment*—The form acceptable to Construction Manager which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Asbestos*—Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 5. *Bid*—The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 6. *Bidder*—The individual or entity who submits a Bid directly to Government.
 7. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 8. *Bidding Requirements*—The advertisement or request for proposals, Instructions to Bidders, Bid security of acceptable form, if any, and the Bid Form with any supplements.
 9. *Contract Modification*—A document recommended by Construction Manager which is signed by Contractor and Government and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 10. *Claim*—A demand or assertion by Government or Contractor seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 11. *Construction Manager (CM)*—The Government’s field project representative (as further

defined in Supplemental Specification Section 101.04).

12. *Contract*—The entire and integrated written agreement between the Government and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.
13. *Contract Documents*— Those items so designated in Article 9 of the Agreement.
14. *Original Contract Amount*— The moneys payable by Government to Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement.
15. *Contract Times*—See Article 4 of the Agreement.
16. *Contractor*—The individual or entity with whom Government has entered into the Agreement.
17. *Cost of the Work*— See Paragraph 11.1 for definition.
18. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
19. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective.
20. *Engineer of Record (or Engineer)*—The Government's representative who is responsible for the project designs/plans/Drawings (as further defined in Supplemental Specification Section 101.04).
21. *Change Order*—A written order issued by the Construction Manager which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
22. *General Requirements*—Various Articles of these Standard General Conditions of the Construction Contract.
23. *Government*—The Navajo Nation acting through the Contracting Officer (CO), the person designated from the Navajo Nation with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings (as further defined in Supplemental Specification Section 101.04).
24. *Hazardous Environmental Condition*—The presence at the Site of asbestos, PCBs, petroleum, hazardous waste, or radioactive material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto.

25. *Hazardous Waste*—The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
26. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
27. *Liens*—Charges, security interests, or encumbrances upon Project funds, real property, or personal property.
28. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.
29. *Notice of Award*—The written notice by Government to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Government will sign and deliver the Agreement.
30. *Notice to Proceed*—A written notice given by Government to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
31. *Owner*—The entity/agency who holds the easement for which the project is being constructed on.
32. *PCBs*—Polychlorinated biphenyls.
33. *Petroleum*—Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-hazardous waste and crude oils.
34. *Progress Schedule*—A construction schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
35. *Project*—The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
36. *Project Manual*—The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.
37. *Radioactive Material*—Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.

38. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
39. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.
40. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.
41. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
42. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Government which are designated for the use of Contractor.
43. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
44. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
45. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Construction Manager, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.
46. *Successful Bidder*—The Bidder submitting a responsive Bid to whom Government makes an award.
47. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these Standard General Conditions, including the Project Specific Supplemental General Conditions, Exhibit B.
48. *Supplier*—A manufacturer, fabricator, supplier, distributor, material man, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.

49. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
50. *Unit Price Work*—Work to be paid for on the basis of unit prices.
51. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents. See Article 1 of the Agreement.
52. *Work Change Directive*—A written statement to Contractor issued on or after the Effective Date of the Agreement and signed by Government and recommended by Engineer of Record ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive is evidence that the parties expect that the change ordered or documented will be incorporated in a subsequently issued Contract Modification following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.2 Terminology

- A. The words and terms discussed in Paragraph 1.2.B through F are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. *Intent of Certain Terms or Adjectives:*
1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.9 or any other provision of the Contract Documents.

C. *Day:*

1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.

D. *Defective:*

1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or
 - b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Construction Manager’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Government at Substantial Completion in accordance with Paragraph 14.4 or 14.5).

E. *Furnish, Install, Perform, Provide:*

1. The word “furnish,” when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
2. The word “install,” when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
4. When “furnish,” “install,” “perform,” or “provide” is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of Contractor, “provide” is implied.

- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.1 *Delivery of Bonds and Evidence of Insurance*

A. *Bonding Requirement:* See Article 5 herein.

B. *Evidence of Insurance:* See Article 5 herein.

2.2 *Copies of Documents*

A. Due to excessive costs incurred by the Government in printing, the Government will no longer be providing plans and specifications for its projects to the Contractor, suppliers and/or subcontractors. The Government shall furnish electronic media in Acrobat (*.PDF) format from which the Contractor may produce hard copy drawings.

Any Prime Contractor bidding on Government contracts is responsible for providing its Subcontractors and Suppliers with information relating to their respective disciplines for cost proposals. Any misinterpretation or incorrect bids made to the Prime Contractor by the Subcontractor or Suppliers will not relieve the prime Contractor of his obligation to honor the contract and bid proposal submitted.

2.3 *Commencement of Contract Times; Notice to Proceed*

A. *Effective Date; Term, Notice to Proceed Required.* The effective beginning and ending date of this Contract are as shown on the first page of the Agreement. The Contractor shall not commence any work until the Government issues a formal "Notice to Proceed" for the Project; notwithstanding, the Contractor shall not commence any work until the effective date of all insurance required by Article 5 herein. This Contract shall expire on the date shown unless earlier terminated or extended by modification in accordance with Article 12 herein.

2.4 *Starting the Work*

A. The Contractor shall be required to (a) commence work under this contract within **fifteen [15]** calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than the final date shown on the Contract Agreement. The time stated for completion shall include final cleanup of the premises.

2.5 *Before Starting Construction*

A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Agreement (unless otherwise specified in Paragraph 2.6), Contractor shall submit to Construction Manager for timely review:

1. a preliminary Construction Schedule (including each bid item of work) indicating

the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents (the performance time allowed under this contract is based on a forty-hour workweek);

2. a preliminary Schedule of various Submittals including shop drawings, materials certifications, etc; and
3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit, taxes, bonding, and direct unit costs applicable to each item of Work.

2.6 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Government, Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.5.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.
- B. At this conference Government and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit instructions, receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party. The Authorized Representatives shall be listed in Article 3 of the Agreement.
- C. The Contractor shall furnish the following documents at this conference to the Government for review and approval prior to giving the notice to proceed:
 1. Temporary Traffic Control Plan (TTCP)
 2. Safety Plan
 3. Quality Control Plan (QCP)
 4. Storm Water Pollution Prevention Plan (SWPPP)
 5. Construction Schedule

2.7 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference attended by Contractor, Construction Manager (CM), and others as appropriate will be held to review for acceptability to Construction Manager as provided below the revised construction schedules submitted in accordance with Paragraph 2.5.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to CM.

1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. The Contract Time allowed is based on a 40-hour work week and work on Saturdays, Sundays, Government and/or Tribal Holidays is not contemplated. Any work proposed during the weekends, holidays or beyond a 40-hour work week must be formally requested by the Contractor and approved (in writing) by the Government (see Article 6.2 herein for additional requirements regarding Working Hours). Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
2. Contractor's Schedule of Submittals will be acceptable to Construction Manager if it provides a workable arrangement for reviewing and processing the required submittals.
3. Contractor's Schedule of Values will be acceptable to Construction Manager as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.1 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all; except see Article 9 of Agreement.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that reasonably may be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the indicated result will be provided whether or not specifically called for, at no additional cost to Government.
- C. Clarifications and interpretations of the Contract Documents shall be issued by Construction Manager or Engineer as provided in Article 9.

3.2 *Reference Standards*

A. Standards, Specifications, Codes, Laws, and Regulations

1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

2. No provision of any such standard, specification, manual, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Government, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to Government, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.3 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies:*

1. *Contractor's Review of Contract Documents Before Starting Work:* Before undertaking each part of the Work, Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Contractor shall promptly report in writing to Construction Manager any conflict, error, ambiguity, or discrepancy which Contractor discovers, or has actual knowledge of, and shall obtain a written interpretation or clarification from Construction Manager before proceeding with any Work affected thereby.
2. *Contractor's Review of Contract Documents During Performance of Work:* If, during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) any standard, specification, manual, or code, or (c) any instruction of any Supplier, then Contractor shall promptly report it to Construction Manager in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.4.
3. The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

B. *Resolving Discrepancies:*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, or code, or the instruction of

any Supplier (whether or not specifically incorporated by reference in the Contract Documents); or

- b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.4 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by a Contract Modification.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the work may be authorized, by one or more of the following ways, provided that any such additions, deletions, revisions or modifications shall be duly approved in accordance with Article 12 herein:
 - 1. A Change Order;
 - 2. Engineer's approval of a contractor submittal, Shop Drawing or Sample (subject to the provisions of Paragraph 6.17.D.3); or
 - 3. A response to a Request for Information (RFI).

3.5 *Reuse of Documents*

- A. Contractor and any Subcontractor or Supplier shall not:
 - 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions; or
 - 2. reuse of any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Government and Engineer and specific written verification or adaptation by Engineer.
- B. The prohibitions of this Paragraph 3.5 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

3.6 *Electronic Data*

- A. Unless otherwise stated in the Supplementary Conditions, the data furnished by Government or Engineer to Contractor, or by Contractor to Government or Engineer, that may be relied upon are limited to the PDF/printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the

convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.

- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the transferring party.
- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS; REFERENCE POINTS

4.1 *Availability of Lands*

- A. Owner shall furnish the Site. Government shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work. Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities as required. If Contractor and Government are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in Government's furnishing the Site or a part thereof, Contractor may make a Claim therefor as provided in Paragraph 10.5.
- B. Upon reasonable written request, Government shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and Government's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.2 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 - 1. those reports known to Government of explorations and tests of subsurface conditions at or contiguous to the Site; and
 - 2. those drawings known to Government of physical conditions relating to existing surface

or subsurface structures at the Site (except Underground Facilities).

B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the “technical data” contained in such reports and drawings, and response to questions, but such reports and drawings are not Contract Documents. Such “technical data” is identified in the Supplementary Conditions. Except for such reliance on such “technical data,” Contractor may not rely upon or make any claim against Government or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:

1. the completeness of such reports and drawings for Contractor’s purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions, or information.

4.3 *Differing Subsurface or Physical Conditions*

A. *Notice:* If Contractor believes that any subsurface or physical condition that is uncovered or revealed either:

1. is of such a nature as to establish that any “technical data” on which Contractor is entitled to rely as provided in Paragraph 4.2 is materially inaccurate; or
2. is of such a nature as to require a change in the Contract Documents; or
3. differs materially from that shown or indicated in the Contract Documents; or
4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify Government and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

B. *Government’s and Engineer’s Review:* After receipt of written notice as required by Paragraph 4.3.A, Government and Engineer will promptly review the pertinent condition, determine the necessity obtaining additional exploration or tests with respect thereto, and advise Contractor in writing of their findings and conclusions.

C. Possible Price and Times Adjustments:

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must meet any one or more of the categories described in Paragraph 4.3.A; and
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.7 and 11.3.
2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Government with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such final commitment; or
 - c. Contractor failed to give the written notice as required by Paragraph 4.3.A.
3. If Government and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in Paragraph 10.5. However, neither Government or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

4.4 Underground Facilities

- A. *Shown or Indicated:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Government or Engineer by the owners of such Underground Facilities, including Government, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:

1. Government and Engineer shall not be responsible for the accuracy or completeness of any such information or data provided by others; and
2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all such information and data;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents;
 - c. coordination of the Work with the owners of such Underground Facilities, including Government, during construction; and
 - d. the safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.

B. Not Shown or Indicated:

1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to Government and Engineer. Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
2. If Engineer and Construction Manager concludes that a change in the Contract Documents is required, a Work Change Directive or a Contract Modification will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If Government and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, Government or Contractor may make a Claim therefor as provided in Paragraph 10.5.

4.5 Reference Points

- A. Government shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the

Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Government. Contractor shall report to Construction Manager whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.6 *Hazardous Environmental Condition at Site*

- A. *Reports and Drawings:* The Supplementary Conditions identify those reports and drawings known to Government relating to Hazardous Environmental Conditions that have been identified at the Site.
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the accuracy of the “technical data” contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such “technical data” is identified in the Supplementary Conditions. Except for such reliance on such “technical data,” Contractor may not rely upon or make any claim against Government or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor’s purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 - 3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions or information.
- C. Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible.
- D. If Contractor encounters a Hazardous Environmental Condition or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify Government and Engineer (and promptly thereafter confirm such notice in writing). Government shall promptly consult with Engineer

concerning the necessity for Government to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Government shall take such actions as are necessary to permit Government to timely obtain required permits and provide Contractor the written notice required by Paragraph 4.6.E.

- E. Contractor shall not be required to resume Work in connection with such condition or in any affected area until after Government has obtained any required permits related thereto and delivered written notice to Contractor: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If Government and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.5.
- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Government may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If Government and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.5. Government may have such deleted portion of the Work performed by Government's own forces or others in accordance with Article 7.
- G. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Government and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.6.G shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- H. The provisions of Paragraphs 4.2, 4.3, and 4.4 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.1 *Performance, Payment, and Other Bonds (see Exhibit E for Required Contract Forms)*

- A. *Performance Bond.* The Contractor shall provide to the Government a Performance Bond underwritten and executed by a surety company that guarantees the Contractor's complete and satisfactory performance under the Contract. The Performance Bond shall be equal to one hundred percent (100%) of the Original Contract Amount, unless otherwise provided in Paragraph 5.1.C herein.

- B. *Payment Bond.* The Contractor shall provide to the Government a Payment Bond underwritten and executed by a surety company that will protect all persons, subcontractors, or other entities supplying labor and material to the Contractor or its subcontractors for the performance under this Contract. The Payment Bond shall be in an amount equal to one hundred percent (100%) of the Original Contract Amount, unless otherwise provided in Paragraph 5.1.C herein. The Payment Bond must be provided in addition to the Performance Bond required in Paragraph 5.1.A herein.
- C. *Lesser Bond amounts.* The Government, with the concurrence of the Government Controller or his/her designee, may allow the Contractor to provide a Performance Bond or a Payment Bond, or both, in an amount equal to fifty percent (50%) of the Original Contract Amount, so long as either (1) the Government withholds, as retainage, fifty percent (50%) of each invoiced amount; or, (2) the Contractor provides an irrevocable Letter of Credit in amount equal to fifty percent (50%) of the Original Contract Amount. In no case shall a Performance Bond or Payment Bond be in an amount less than fifty percent (50%) of the Original Contract Amount.
- D. *Bid Guarantee/Security.* Bid security shall be required for all competitive sealed bidding for construction contracts. Bid security shall be a bond provided by a surety company authorized to do business within the Navajo Nation, or the equivalent in cash, or otherwise supplied in a form satisfactory to the Navajo Nation. Bid security shall be in an amount equal to at least 10% of the amount of the bid.

5.2 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Government and/or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required.
- B. Each surety company bond (performance and payment) which purports to have been executed by an agent or attorney-in-fact, for the corporate surety, is required to have submitted with it a power of attorney to the signatory agent or attorney-in-fact and executed by the corporate surety upon a date reasonably approximate to the date to the bond. Such power of attorney shall in each instance be retained with the bond.

5.3 *Insurance Requirements*

- A. The Contractor shall, at its sole expense, procure and maintain adequate and sufficient insurance for all of Contractor's potential liabilities, in accordance with this Article, relating to any claims by any party for any injury to persons or damage to property arising out of or connected with any work performed or services provided under this Contract by the Contractor.
- B. *Minimum Insurance Coverages.* The Contractor shall obtain and maintain for the duration of

performance under this Contract, the minimum insurance coverages shown below:

- (1) Commercial General Liability - ISO CG 0001 Form or equivalent. Coverages shall include:
 - Premises and Operations
 - Personal/Advertising Injury
 - Products/Completed Operations
 - Liability assumed under an Insured Contract (including defense costs assumed under contract)
 - Broad Form Property Damage
 - Independent Contractors/Consultants
- (2) Automobile Liability including all:
 - Contractor-Owned Vehicles
 - Non-owned Vehicles
 - Rented/Hired Vehicles
 - Personal injury Protection (where applicable)
- (3) Workers' Compensation:
 - Statutory Benefits (Coverage A)
 - Employers Liability (Coverage B)

C. *Limits required.* Contractor shall carry the limits of liability as required below (where "State Law" is indicated, such limits shall be in accordance with the laws and regulations of the State wherein this Contract shall be primarily performed):

COMMERCIAL GENERAL LIABILITY	
GENERAL AGGREGATE	\$ 2,000,000
PRODUCTS/COMPLETED OPERATIONS	\$ 2,000,000
OCCURRENCE BASIS/ PER EACH OCCURRENCE	\$ 1,000,000
PERSONAL/ADVERTISING INJURY	\$ 1,000,000
FIRE DAMAGE (ANY ONE FIRE)	\$ 50,000
MEDICAL PAYMENTS (ANY ONE PERSON)	\$ 5,000
AUTOMOBILE LIABILITY	
BODILY INJURY/PROPERTY DAMAGE (EACH	\$ 1,000,000
PERSONAL INJURY PROTECTION (IF	BY STATE LAW
WORKERS' COMPENSATION	
COVERAGE A (WORKERS' COMPENSATION)	BY STATE LAW
COVERAGE B (EMPLOYERS LIABILITY)	\$ 500,000

D. All policies must be written on a "per-occurrence" basis, unless otherwise approved by the Navajo Nation Risk Management Program.

E. *Claims-made basis.* In the event that Contractor's liability insurance required by this Contract is written on a claims-made basis, the Contractor shall warrant that any retroactive date under the policy shall precede the effective date of this Contract, and that either continuous coverage will be maintained or an extended discovery period will be exercised

for a period of two (2) years beginning as of the date that performance under this Contract is completed.

- F. *Primary coverage basis.* For payment of any claims, Contractor's insurance coverage shall be on a primary, non-contributory basis with any other insurance coverages and/or self-insurance carried by the Government or all other available sources.
- G. *Required language.* The Contractor's General Liability and Umbrella Liability policy shall be endorsed to include the following language: "The Navajo Nation, its elected officials, employees, agents, and volunteers are named as an Additional Insured with respect to liability arising out of the activities performed by the Insured [the Contractor] pursuant to a Contract with the Navajo Nation." (ISO Forms CG 2010 and CG 20 37 "Additional Insured-Governments, Lessees or Contractors-Completed Operations, 2004 Editions or equivalent).
- H. *Waiver of subrogation.* All Contractor's policies shall contain a waiver of subrogation in favor of the Government, its divisions, departments, offices, agencies, boards, commissions, committees, enterprises and its employees, officers, officials, and agents for losses arising from work performed or services provided by the Contractor pursuant to a Contract with the Government.
- I. *Separation of Insureds.* The Contractor's policy shall include a "Separation of Insureds" clause (Cross Liability).
- J. *Insurer rating.* The Contractor's insurance policy shall be issued by a licensed or approved insurer with an "A.M. Best" rating of not less than A- VII. The Government in no way warrants that the above-required minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.
- K. *Certificates of insurance.* The Contractor shall provide to the Government certificates of insurance as required by this Contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. Each insurance policy required by this Contract must be in effect upon, or prior to, commencement of performance under this Contract and shall remain in effect until such time as all of its obligations under this Contract or any subsequent modifications have been fully and satisfactorily completed. Insurance certificates shall be sent to the Navajo Nation Department of Risk Management, P.O. Box 1690, Window Rock, Arizona, 86515. The Contract Number and a description of the work performed, or services provided thereunder shall be indicated on such certificates.
- L. *Subcontractors.* The Contractor's subcontractors, if any, shall be included as insureds under the Contractor's policy, or the Contractor shall provide to the Government separate certificates and endorsements for each of its subcontractors holding separate policies. All coverages for subcontractors shall be subject to the minimum policy amounts shown herein.
- M. *Notification of change required.* The insurance policy required herein shall provide the required coverage and shall not be suspended, voided, canceled, or reduced in coverage

or in limits except after thirty (30) calendar days prior written notice has been given to the Government. Such notice shall be sent in accordance with Paragraph 17.1 herein.

- N. *Approval of modifications.* Any modification of the insurance requirements set forth herein shall be approved by the Navajo Nation Risk Management Program, whose decision shall be final. Such modification shall not require a formal Contract modification but may be approved by administrative action of the Risk Management Program. The Contractor may request, for itself or its subcontractors, that the insurance requirements shown herein be modified, provided that such request be delivered in writing to the Risk Management Program at least ten days prior to the solicitation due date or, if not a solicitation, prior to contract execution or modification. The Contractor shall include with such request a justification for the modification with supporting documentation. Any modifications approved shall on a case-by-case basis and shall not affect the insurance requirements of other subcontractors for whom modifications have not been approved. Any deviations from the standard types and coverages set forth herein shall be approved by the Navajo Nation Risk Management Program prior to the issuance of a Notice to Proceed.
- O. *Government disclaimers.* The insurance requirements and coverages set forth herein are minimum requirements only and in no way limit the indemnity covenants contained in this Contract. The Government in no way warrants that the minimum limits herein are sufficient to protect the Contractor or its' subcontractors from any liabilities that might arise from the work performed or services provided under this contract, and the Contractor and its subcontractors are free to purchase additional insurance. By requiring such minimum insurance, the Government shall not be deemed to have assessed the risk that may be applicable to the Contractor under the Contract. The Contractor shall assess its own risks and if it deems appropriate and/or prudent, it may maintain higher limits and/or broader coverages. The Contractor is not relieved of any liability or other obligations assumed or pursuant to this Contract by reason of its failure to obtain or maintain insurance in sufficient amounts, duration, or types.
- P. *No sovereign immunity waiver.* The Parties acknowledge and agree that the Government is relying on and does not waive or intend to waive by any provision of this Contract, the monetary limitations and other rights, immunities, and protections provided under 1 N.N.C. §§551 *et. seq.*, as from time to time amended, or otherwise available to the Government or its elected officials, employees, agents, and volunteers.
- Q. *Mutual cooperation.* The Government and Contractor shall cooperate in good faith in the collection of any insurance proceeds which may be payable in the event of any loss, including the execution and delivery of any proof of loss or other actions required to effect recovery.
- R. *Insurance documentation required.* The Government's representative must receive written documentation of all required insurance prior to the issuance of a Notice to Proceed for the Project, and the Contractor shall not commence any work to be performed or services to be provided under this Contract unless and until such documentation has been submitted to the Government. If the Contractor is able to furnish such documentation

prior to the Government's execution of this Contract, such documentation shall be made an Attachment to the Primary Contract. The Government may terminate this Contract for breach if the Government's representative determines that the Contractor has failed to submit the required documentation in a timely manner and that the Government is unable to issue a Notice to Proceed in a timely manner.

5.4 *Builder's Risk Insurance*

- A. The Contractor shall obtain, on behalf of the Government, a "Builder's Risk" insurance policy for all aspects of the Project; such insurance coverage shall be in amount adequate to cover any potential loss, relating to the Project or any portion thereof, that may occur prior to the effective date and time of the Government's property insurance coverage for the Project.

5.5 *Government's Liability Insurance*

- A. Government, at Government's option, may purchase and maintain at Government's expense Government's own liability insurance as will protect Government against claims which may arise from operations under the Contract Documents.

5.6 *Property Insurance*

- A. The government is not responsible for insurable property interest losses of the contractor and subcontractors on this contract.

5.7 *Waiver of Rights*

- A. Contractor waives all rights against the Government and their respective officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) under such policies for losses and damages so caused.

5.8 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.6 will be adjusted with Government and made payable to Government as fiduciary for the loss payees, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.8.B. Government shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Contract Modification.

- B. Government as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to Government's exercise of this power. If such objection be made, Government as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, Government as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, Government as fiduciary shall give bond for the proper performance of such duties.

5.9 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either Government or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by Article 5 herein. Government and Contractor shall each provide to the other such additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds or insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Contract Modification shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If Government finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.5, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.6 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

6.1 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor shall not be responsible for the negligence of Government or Engineer in the design or

specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.

- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Government and Construction Manager except under extraordinary circumstances.
- C. The Contractor shall submit to the Government the name and legal address of each supervisor to be employed under this contract prior to his/her entrance on duty. Copies shall be provided to the Government for their records.

6.2 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site. The Construction Manager (CM) may require, in writing, that the Contractor remove from the Work any employee the Government deems incompetent, careless, or otherwise objectionable.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without Government's written consent (which will not be unreasonably withheld) given after prior written notice to Construction Manager. **Any costs associated with Government inspections/oversight on weekends, holidays or in excess of the normal 40-hour work week as a result of contractor induced delays or mistakes in the work, shall be deducted from the next progress payment.** Contractor shall also comply with Navajo Nation laws in connection with hiring and subcontracting. See Paragraph 17.4.A herein.

6.3 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone/internet, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. **The Contractor shall provide materials in accordance with the Buy America Act Requirements in 23 C.F.R. § 635.410.** The Contractor shall bear the burden of proof and the cost to show the origin and place of manufacture of iron and steel products and materials. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of Government. If required by Construction Manager, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of

materials and equipment.

- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.4 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.7 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Construction Manager for acceptance (to the extent indicated in Paragraph 2.7) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Contract Modification.

6.5 *Substitutes and "Or-Equals"*

- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and standard of quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to Construction Manager for review under the circumstances described below.
 - 1. *"Or-Equal" Items:* If in Construction Manager's sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Construction Manager as an "or-equal" item, in which case review and approval of the proposed item may, in Construction Manager's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.5.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Construction Manager determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;

and

3) it has a proven record of performance and availability of responsive service.

b. Contractor certifies that, if approved and incorporated into the Work:

1) there will be no increase in cost to the Government or increase in Contract Times;
and

2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.

2. *Substitute Items:*

a. If in Construction Manager's sole discretion an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item under Paragraph 6.5.A.1, it will be considered a proposed substitute item.

b. Contractor shall submit sufficient information as provided below to allow Construction Manager to determine if the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by Construction Manager from anyone other than Contractor.

c. The requirements for review by Construction Manager will be as set forth in Paragraph 6.5.A.2.d, as supplemented by the General Requirements, and as Construction Manager may decide is appropriate under the circumstances.

d. Contractor shall make written application to Construction Manager for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:

1) shall certify that the proposed substitute item will:

a) perform adequately the functions and achieve the results called for by the general design,

b) be similar in substance to that specified, and

c) be suited to the same use as that specified;

2) will state:

a) the extent, if any, to which the use of the proposed substitute item will prejudice Contractor's achievement of Substantial Completion on time,

- b) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Government for other work on the Project) to adapt the design to the proposed substitute item, and
 - c) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) will identify:
 - a) all variations of the proposed substitute item from that specified, and
 - b) available engineering, sales, maintenance, repair, and replacement services; and
 - 4) shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by Construction Manager. Contractor shall submit sufficient information to allow Construction Manager, in Construction Manager's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by Construction Manager will be similar to those provided in Paragraph 6.5.A.2.
- C. *Government's Evaluation:* Construction Manager will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.5.A and 6.5.B. Construction Manager may require Contractor to furnish additional data about the proposed substitute item. Construction Manager will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Construction Manager's review is complete, which will be evidenced by a Change Order in the case of a substitute and an approved Shop Drawing for an "or equal." Construction Manager will advise Contractor in writing of any negative determination.
- D. *Special Guarantee:* Government may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- E. *Government's Cost Reimbursement:* Construction Manager will record Government's costs in evaluating a substitute proposal as submitted by Contractor pursuant to Paragraphs 6.5.A.2 and 6.5.B. Whether or not Construction Manager approves a substitute so proposed or submitted by Contractor; Contractor may be required to reimburse Government for the reasonable charges evaluating each such proposed substitute. Contractor shall also reimburse Government for the reasonable charges of Engineer for making changes in the Contract

Documents (or in the provisions of any other direct contract with Government) resulting from the acceptance of each proposed substitute.

- F. *Contractor's Expense*: Contractor shall provide all data in support of any proposed substitute or "or-equal" at Contractor's expense.

6.6 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to Government as indicated in Paragraph 6.6.B), whether initially or as a replacement, against whom Government may have reasonable objection. Contractor shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.
- B. The Standard General Conditions (see Paragraph 6.6.I) require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to Government in advance for acceptance by Government by a specified date prior to the Effective Date of the Agreement. If Contractor has submitted a list thereof in accordance with the Standard General Conditions, Government's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Contract Modification will be issued. No acceptance by Government of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of Government or Engineer to reject defective Work.
- C. Contractor shall be fully responsible to Government and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor's own acts and omissions. Nothing in the Contract Documents:
1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Government or Engineer and any such Subcontractor, Supplier or other individual or entity; nor
 2. shall create any obligation on the part of Government or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with Contractor.

- E. Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with Construction Manager through Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Government and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as a loss payee on the property insurance provided in Paragraph 5.6, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against Government, Contractor, Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, Contractor will obtain the same. See also Article 10.3.A of Agreement and Section 108.02 of the FP-14 Specifications.
- H. Within 14 days after award of the contract, the Contractor shall deliver to the Contracting Officer a completed Standard Form (SF) 1413, Statement and Acknowledgment, for each subcontract for construction within the United States, including the subcontractor's signed and dated acknowledgment that the clauses set forth in paragraph (b) of this clause have been included in the subcontract. Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed SF 1413 for such additional subcontract.

6.7 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Government or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Government in the Contract Documents.
- B. Contractor shall indemnify and hold harmless Government and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each

and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.8 *Permits*

- A. Unless otherwise provided in Exhibit I – Environmental Requirements and Permits, Contractor shall obtain and pay for all construction permits and licenses. Government shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. Contractor shall pay all charges of utility owners for connections for providing permanent service to the Work. See also Paragraph 5.1 of the Agreement.

6.9 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Government nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, and terms of the contract, Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work. However, it shall not be Contractor's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.3.
- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in Contract Price or Contract Times, in accordance with Article 12 herein.

6.10 *Taxes*

- A. *Taxes.* Contractor acknowledges and agrees that all work performed, and services provided within the territorial jurisdiction of the Navajo Nation is subject to the six percent (6%) Navajo Sales Tax (24 N.N.C. §601 et seq.).
- B. *Identification of taxable activity.* The Contractor shall separately indicate, on each invoice or payment application submitted to the Government, any and all of its work performed, or services provided within the Navajo Nation pursuant to this Contract, and shall itemize

the Navajo Sales Tax.

- C. *Withholding.* The Contractor acknowledges and agrees that the Government shall withhold from each payment **six** percent (**6%**) of the amount associated with work performed or services provided within the Navajo Nation under this Contract, and shall transfer such **six** percent (**6%**) amount to the Office of the Navajo Tax Commission (ONTC) on behalf of the Contractor. The Contractor shall indicate on its quarterly tax return filed with the ONTC that the Navajo Sales Tax has been withheld and paid.
- D. *Filing and other payments.* The Contractor acknowledges that the Government's withholding of tax in no way removes Contractor's responsibility for timely filing of tax returns and payment of interest, penalties, or any other amounts relating to Contractor's tax obligations under the Government's or any other jurisdiction.

6.11 *Use of Site and Other Areas*

A. *Limitation on Use of Site and Other Areas:*

1. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
2. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
3. Contractor shall indemnify and hold harmless Government and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Government, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

B. *Removal of Debris During Performance of the Work:* During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.

C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Government. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and

machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.

- D. *Loading Structures*: Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. The Contractor and Construction Manager shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Contract Modifications, Work Change Directives, Change Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to Construction Manager for Government.

6.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. See Special Contract Requirements (Exhibit C) for Contractor Safety Program Requirements. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
1. all persons on the Site or who may be affected by the Work;
 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. Contractor shall comply with the applicable requirements of Government's safety programs, if any. The Supplementary Conditions identify any Government's safety programs that are applicable to the Work.

- D. Contractor shall inform Government and Engineer of the specific requirements of Contractor's safety program with which Government's and Engineer's employees and representatives must comply with while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Government or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- F. Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Government and Contractor in accordance with Paragraph 14.7.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.14 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Construction Manager prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Construction Manager determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a modification may be entered into in accordance with Article 12 herein.

6.17 *Shop Drawings, Samples and Certifications*

- A. Contractor shall submit Shop Drawings and Samples to Construction Manager for review and approval in accordance with the accepted Schedule of Submittals (as required by Paragraph 2.7). Each submittal will be identified as Construction Manager may require.

1. *Shop Drawings:*

- a. Submit electronic copies for review. The Contractor shall provide Architectural D size shop drawings and electronic files in **AutoCAD 2019** compatible format on a jump drive for all bridge structural members and hardware, guardrail and barriers, cattleguards and hardware, wing bracing, retained earth walls, and any pre-cast or fabricated concrete or steel materials called for in the contract for review and approval prior to fabrication. The Contractor shall allow up to three (3) weeks, from the time the shop drawings are received, for review and approval. The Government shall reply to the Contractor's shop plans either as "**Approved for Fabrication**," "**Approved as Marked**," or "**Resubmit/Disapproved**".
- b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Construction Manager the services, materials, and equipment Contractor proposes to provide and to enable Construction Manager to review the information for the limited purposes required by Paragraph 6.17.D.
- c. Approval of any and all concrete reinforcement lists, shop plans, or drawings is rendered as a service only and is not considered a guarantee of measurements, quantities, and/or dimensions, nor shall it be considered as relieving the Contractor from complying with the contract requirements.

2. *Samples:*

- a. Submit number of Samples as specified in the specific material Specifications.
- b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Construction Manager may require to enable Construction Manager to review the submittal for the limited purposes required by Paragraph 6.17.D.

3. *Certifications:*

- a. The Contractor will be required to furnish certificate(s) of compliance (i.e. production certification) along with valid test reports, for all cements, fly ash, precast products, PVC pipe, corrugated steel, structural steel and hardware, reinforcing steel, asphaltic materials, wood posts and hardware for guardrail, all permanent timber materials, aluminum signing materials, pavement markings and paints, traffic sign paint, paints and coatings for structural steel, high strength bolts,

seed, piling, and other materials calling for painted surfaces, any other materials which require fabrication or materials taken from outside of the project limits, and for materials specifically requiring certificates of compliances by the construction plans or specifications. The Contractor shall be responsible to assure that the certificates of compliance have the following minimum requirements prior to submittal:

- the name and address of the manufacturer and/or supplier,
- the material production date,
- the project number (may be indicated on Contractor's cover letter),
- the contract number (may be indicated on Contractor's cover letter),
- a printed or written description of the end product (bid item) or end use (as shown in the Construction plans, specifications, or approved shop drawings),
- applicable sizes or dimensions of materials,
- printed or written statements as to what Contract specification the material is in conformance to (as specified in the FP-14, Contract plans and specifications, and/or approved shop drawings) with proper AASHTO or equivalent ASTM test results, heat numbers, and specified limits.

- b. Certificates of compliance for material that do not conform to the specified AASHTO or equivalent ASTM specification shall not be submitted under the Submittal Transmittal Review and Approval Form, but shall be submitted by the Contractor under a Letter of Request for Substitution with justification to include a comparison of the proposed substitute material specification to the specified material specification showing equal to or better performance. The materials may not be used on the project until such time as the submission has been reviewed and accepted, in writing, by the Government as an equivalent substitution. The certificates of compliance shall be submitted directly from the supplier, through the Prime Contractor, for review and approval prior to the materials being incorporated into the work. Certificates of compliance not containing all of the minimum requirements listed above, or certificates of compliance not conforming to the specified material specifications (ie; substitutions) which are submitted under the Submittal Transmittal Review and Approval Form, will not be reviewed by the Government and will be returned to the Contractor as DISAPPROVED. Full payment will not be made for work incorporating materials that require certificates of compliance until the material supplied on the project is matched by heat number or other identifying number to approved certificates of compliance. Materials supplied on the project that cannot be matched by heat number or other identifying number to approved certificates of compliance, or that are incorporated into the work prior to certificate of compliance approval, shall not be paid for.
- c. The Contractor shall furnish product certifications for all other small quantity items which include fencing items, sign posts, delineators, object markers, reflective tabs, pavement markers, air entraining agents, concrete additives, joint materials, fertilizer, erosion control items, geotextiles, and any other products purchased off the shelf from a supplier. The certificates of compliance shall clearly identify the

AASHTO/ASTM/or other specified standard test each product meets (as called for in the contract) as issued by the manufacturer.

- d. Electrical items meeting UL approval, and underground utility materials meeting ASTM or AWWA specifications and so certified or stamped on the product, will require no further certificates of compliance.
 - e. The Contractor may furnish material purchased in bulk or left over from previous projects by submitting a product certification or certificate of compliance for the current project as outlined above.
 - f. The Contractor shall be responsible for verifying that material furnished and/or installed on the project site or contained in items fabricated off site and shipped to the project site, are the same materials that are shown on the approved certifications and/or drawings. Verification shall be made by heat number, lot number, traceable paperwork, markings or other industry standard methods of material identification showing that the material is the same material shown on the approved certifications. Work containing material that is not verifiable as being covered by approved certifications may be disapproved and/or may be subject to non-payment. Verification shall be documented in the project record files.
- B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Construction Manager's review and approval of the pertinent submittals will be at the sole expense and responsibility of Contractor.

C. Submittal Procedures:

1. Before submitting each Shop Drawing or Sample, Contractor shall have:
 - a. reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determine and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to

Contractor's review and approval of that submittal.

3. With each submittal, Contractor shall give Construction Manager specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to Construction Manager for review and approval of each such variation.

D. Engineer's Review:

1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Construction Manager. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
3. Engineer's review and approval shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 6.17.C.3 and Construction Manager has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.

E. Resubmittal Procedures:

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

6.18 *Continuing the Work*

- A. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Government. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.4 or as Government and Contractor may otherwise agree in writing.

6.19 Contractor's General Warranty and Guarantee

- A. Contractor warrants and guarantees to Owner/Government, **for up to 1 year** from the date of final acceptance, that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of Contractor's warranty and guarantee.
- B. *Materials and Labor.* Contractor warrants to the Government that all labor, materials, equipment and furnishings used in, or incorporated into, the Project will be of good quality, new, that the Work will be free from defects in design, materials and workmanship, and that all Work will conform with the requirements of the Construction Documents. If required by the Government's Representative, the Contractor shall furnish satisfactory evidence of compliance with this warranty. The type, quality and quantum of such evidence, and whether such evidence is satisfactory, shall be within the sole discretion of the Government's Representative. Any portion of the Work not conforming to these requirements, including substitutions not properly approved and authorized by the Government, and including non-conformance relating to any materials, equipment, furnishings, labor, installation, or workmanship, may be considered defective.
- C. *Repair or replacement.* Contractor agrees to repair, replace, or re-perform, or pay the Government the reasonable cost of such repair, replacement, or re-performance, any portion of the Work that the Government deems in its sole discretion to be defective, so long as Government submits to the Contractor a written notice of any defect within one (1) calendar year following the issuance of a Certificate of Occupancy for the Project. The choice among repair, replacement, re-performance, or payment shall be the Contractor's. Any steps taken by the Contractor to correct defects shall not act to extend the term of this warranty. All repairs, replacement, or re-performance by the Contractor shall be at no charge to the Government and shall be performed within 60 calendar days of the Contractor's receipt of notification of the defect, which period shall be extended for delays outside the Contractor's control.
- D. *Access to the Project.* Government must provide access to the Contractor during its normal business hours, Monday through Friday, 8 a.m. to 5 p.m., to inspect the defect reported and, if necessary, to take corrective action.
- E. *No liens.* Contractor guarantees that, as of the conclusion of this Contract, all work will be free of liens, claims and security interests of any third parties.
- F. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - 1. *Maintenance.* Failure of the Government to perform reasonable regular maintenance and proper care of the finished Project shall void this warranty.
 - 2. abuse, modification, or improper maintenance or operation by persons other than

Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or

3. normal wear and tear under normal usage.

G. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:

1. observations by Engineer;
2. recommendation by Construction Manager or payment by Government of any progress or final payment;
3. the issuance of a certificate of Substantial Completion by Construction Manager or any payment related thereto by Government;
4. use or occupancy of the Work or any part thereof by Government;
5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by Engineer;
6. any inspection, test, or approval by others; or
7. any correction of defective Work by Government.

6.20 *Indemnification*

A. Contractor agrees to hold harmless and indemnify the Government and its divisions, departments, offices, agencies, boards, commissions, committees, enterprises, employees, officers, officials, and agents against any and all losses, costs, damages, claims, expenses, attorney's fees, or other liabilities whatsoever, for any injury, illness, disease or death to persons and for any damage to Government property arising from the negligent acts or omissions by the Contractor, as defined in Article 10.3 of the Agreement, regardless of whether or not any liability is caused in part by an indemnified party.

6.21 *Delegation of Professional Design Services*

A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law.

B. If professional design services or certifications by a design professional related to systems,

materials or equipment are specifically required of Contractor by the Contract Documents, Government and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.

- C. Government and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Government and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

6.22 *Licensing & Registration Requirements*

- A. *State license required.* The Contractor shall hold a current and valid license from an appropriate State Licensing Board or Agency for the type of work to be performed under this Contract, which license is customarily maintained in the industry. Said License must be maintained as active and current for the entire duration of performance under this Contract. The Contractor shall indicate its business name, business address, "Qualifying Party," and state license number in the Primary Contract. Regardless of who the "qualifying party" is, the Contractor agrees to immediately notify the Government if such license is suspended, revoked, expired, or otherwise not in effect.
- B. *Business registration required.* The Contractor shall be registered to do business with the State in which the Project is located. All documents regarding such registration shall be provided to the Government prior to the execution of this Contract, and must be active and valid for the effective duration of this Contract. The Contractor shall immediately notify the Government if such registration is suspended, revoked, expired, or otherwise not in effect.
- C. *Documentation required.* The Contractor shall submit written documentation of all required licenses and registrations to the Government's representative. The Government may terminate this Contract for material breach if the Government's representative determines that the Contractor has failed to timely submit the required documentation.

- D. *Licensed subcontractors required.* All subcontractors used by the Contractor in its performance under this Contract shall be duly registered and licensed to practice their professions in the Navajo Nation and/or the State in which the Project is located. Use of unregistered or unlicensed subcontractors shall constitute a material breach and the Government may terminate this Contract.

6.23 *Records; Audits*

- A. *Records; Audits.* Pursuant to 12 N.N.C. §352, Contractor shall keep and maintain books, records, documents or other materials related to performance under this Contract for a period of five (5) calendar years from the date of issuance of final payment under this Contract. Upon issuance of a Notice of Audit to Contractor, the Government may audit such documents and records any time during the effective period of this Contract, up to the five (5) calendar year period following final payment. Contractor agrees to have an authorized individual execute and have notarized a release authorizing the Government to release the Contractor's ledgers, books, records, documents or other materials related to performance under this Contract, as such information may be required by a governmental agency under an agreement with the Government for purposes of an audit by such agency of such documents and records. Contractor agrees that said executed release shall constitute permission for disclosure of information pursuant to 2 N.N.C. §85 (A)(5)(d) and 2 N.N.C. §86(C).

ARTICLE 7 – OTHER WORK AT THE SITE

7.1 *Related Work at Site*

- A. Government may perform other work related to the Project at the Site with Government's employees or through other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
1. written notice thereof will be given to Contractor prior to starting any such other work; and
 2. if Government and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in Paragraph 10.5.
- B. Contractor shall afford each other contractor who is a party to such a direct contract, each utility owner, and Government, if Government is performing other work with Government's employees, proper and safe access to the Site, provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work, and properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work;

provided, however, that Contractor may cut or alter others' work with the written consent of Construction Manager and the others whose work will be affected. The duties and responsibilities of Contractor under this Paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of Contractor in said direct contracts between Government and such utility owners and other contractors.

- C. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 7, Contractor shall inspect such other work and promptly report to Construction Manager in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

7.2 Coordination

- A. If Government intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:
 - 1. the individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
 - 2. the specific matters to be covered by such authority and responsibility will be itemized; and
 - 3. the extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, Government shall have sole authority and responsibility for such coordination.

7.3 Legal Relationships

- A. Paragraphs 7.1.A and 7.2 are not applicable for utilities not under the control of Government.
- B. Each other direct contract of Government under Paragraph 7.1.A shall provide that the other contractor is liable to Government and Contractor for the reasonable direct delay and disruption costs incurred by Contractor as a result of the other contractor's wrongful actions or inactions.
- C. Contractor shall be liable to Government and any other contractor under direct contract to Government for the reasonable direct delay and disruption costs incurred by such other contractor as a result of Contractor's wrongful action or inactions.

ARTICLE 8 – GOVERNMENT’S RESPONSIBILITIES

8.1 *Communications to Contractor; Project Supervision*

- A. Except as otherwise provided in these General Conditions, Government shall issue all communications to Contractor through Construction Manager.
- B. Project Supervision
 - 1. Government's Representative. In the performance of work or provision of services under this Contract, the Contractor shall at all times be under the supervision and direction of the Government's representative named in the Agreement, or his/her successor or designee.
 - 2. Joint supervision and approval. Any cooperative or joint supervision, or joint approval authority involving person(s) other than the Government's representative, whether Government staff or other person(s), shall be conducted through a duly approved and executed cooperative agreement that sets forth the extent of decision-making, supervision, and approval authority of the Government's representative and such other person(s).

8.2 *Replacement of Construction Manager*

- A. In case of termination of the employment of Construction Manager, Government shall appoint a Construction Manager to whom Contractor makes no reasonable objection, whose status under the Contract Documents shall be that of the former Construction Manager.

8.3 *Furnish Data*

- A. Government shall promptly furnish the data required of Government under the Contract Documents.

8.4 *Pay When Due*

- A. Government shall make payments to Contractor when they are due as provided in Paragraphs 14.2.C and 14.7.C.

8.5 *Lands and Easements; Reports and Tests*

- A. Government’s duties with respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.1 and 4.5. Paragraph 4.2 refers to Government’s identifying and making available to Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

8.6 *Insurance*

- A. See Paragraph 5.3 herein.

8.7 *Contract Modifications*

- A. Government is obligated to execute Contract Modifications as indicated in Paragraph 10.3.

8.8 *Inspections, Tests, and Approvals*

- A. Government's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.3.B.

8.9 *Limitations on Government's Responsibilities*

- A. The Government shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Government will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

- A. Government's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.6.

8.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Government shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Government's obligations under the Contract Documents.

8.12 *Compliance with Safety Program*

- A. While at the Site, Government's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Government has been informed pursuant to Paragraph 6.13.D.

ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

9.1 *Government's Representative*

- A. Engineer will be Government's technical representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Government's representative during construction are set forth in the Contract Documents.

9.2 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Government, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Government a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Government informed of the progress of the Work and will endeavor to guard Government against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 9.9. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.3 *Project Representative*

- A. If Government and Engineer agree, Engineer will furnish additional staff to assist Construction Manager in providing more extensive observation of the Work. The authority and responsibilities of any such staff and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.9. If Government designates another representative or agent to represent Government at the Site who is not Engineer's consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Project Specific Supplementary General Conditions (Exhibit B), and specifications.

9.4 *Authorized Variations in Work*

- A. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Change Order and will be binding on Government and also on Contractor, who shall perform the Work involved promptly. If Government or Contractor believes that a Change Order justifies an adjustment in the Contract Price or Contract Times, or both, that adjustment will become a Work Change Directive and made in accordance with Article 12 herein.

9.5 *Rejecting Defective Work*

- A. Engineer will have authority to reject Work which Engineer believes to be defective, or

that Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.4, whether or not the Work is fabricated, installed, or completed.

9.6 *Shop Drawings, Change Orders and Payments*

- A. In connection with Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, see Paragraph 6.21.
- C. In connection with Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with Engineer's authority as to Applications for Payment, see Article 14.

9.7 *Determinations for Unit Price Work*

- A. Construction Manager will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Construction Manager's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Construction Manager's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Government and Contractor, subject to the provisions of Paragraph 10.5.

9.8 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Construction Manager will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. All matters in question and other matters between Government and Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to Engineer in writing within 30 days of the event giving rise to the question.
- B. Engineer will, with reasonable promptness, render a written decision on the issue referred. If Government or Contractor believes that any such decision entitles them to an adjustment in the Contract Price or Contract Times or both, a modification shall be pursued in accordance with Article 12 herein.
- C. Engineer's written decision on the issue referred will be final and binding on Government and Contractor.

- D. When functioning as interpreter and judge under this Paragraph 9.8, Engineer will not show partiality to Government or Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.9 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.7, will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with, the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.9 shall also apply to additional staff, if any, and assistants, if any.

9.10 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Engineer has been informed pursuant to Paragraph 6.13.D.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.1 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Government may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Change

Order, or a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).

- B. If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Government shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.
- C. The Contractor must assert its right to an adjustment within 30 days from the date of receipt of the written order. However, if the Government decides that the facts justify it, the Government may receive and act upon a proposal submitted before final payment of the contract.
- D. If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Government shall have the right to prescribe the manner of the disposition of the property.
- E. If Government and Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, they shall follow the procedures of Article 16 herein.

10.2 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.4, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.4.D.

10.3 *Execution of Contract Modifications*

- A. Government and Contractor shall execute appropriate Contract Modifications in accordance with Article 12.
 - 1. changes in the Work which are: (i) ordered by Government pursuant to Paragraph 10.1.A, (ii) required because of acceptance of defective Work under Paragraph 13.8.A or Government's correction of defective Work under Paragraph 13.9, or (iii) agreed to by the parties;
 - 2. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive.

10.4 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.5 *Claims*

- A. As provided for in Article 12 and Article 16 herein.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.1 *Cost of the Work*

- A. *Costs Included:* The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.1.B, necessarily incurred and paid by Contractor in the proper performance of the Work. When the value of any Work covered by a Contract Modification or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by Government, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 11.1.B, and shall include only the following items:
 - 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Government and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Government.
 - 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Government deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Government. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to Government, and Contractor shall make provisions so that they may be obtained.

3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Government, Contractor shall obtain competitive bids from Subcontractors acceptable to Government and Contractor and shall deliver such bids to Government, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 11.1.
4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.
5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by Government with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work, provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Government. No such losses, damages, and expenses shall be included

in the Cost of the Work for the purpose of determining Contractor's fee.

- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as long distance telephone calls, telephone service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The cost of premiums for all bonds and insurance, Contractor is required by the Contract Documents to purchase and maintain.

B. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:

- 1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.1.A.1 or specifically covered by Paragraph 11.1.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
- 2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
- 4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
- 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.1.A.

C. *Contractor's Fee:* When all the Work is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Contract Modification or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 12.1.

D. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.1.A and 11.1.B, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable

to Construction Manager an itemized cost breakdown together with supporting data (see Paragraph 12.1.D for further detail).

11.2 *Allowances*

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Government and Engineer.
- B. *Contingency Allowance:*
 - 1. Contractor agrees that a contingency allowance, if any, is for the sole use of Government to cover unanticipated costs.
- C. Prior to final payment, an appropriate Contract Modification will be issued as recommended by Construction Manager to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.3 *Unit Price Work*

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Construction Manager subject to the provisions of Paragraph 9.7.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead, profit, bonding, labor, materials, incidentals, and all applicable permits for each separately identified item.
- D. Government or Contractor may seek to adjust the Contract Price in accordance with Article 12, if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - 3. Contractor believes that Contractor is entitled to an increase in Contract Price as a result of having incurred additional expense or Government believes that Government is entitled to a decrease in Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

4. *Variation in Estimated Quantities:* If the quantity of a unit-priced item in this contract is an estimated quantity and the actual quantity of the unit-priced item varies more than 15 percent above or below the estimated quantity, an equitable adjustment in the contract price shall be made upon demand of either party. The equitable adjustment in the unit price shall only include added overhead, profit, bonding, and taxes (as used in the original bid) unless the Contractor can justify other allowable costs as approved by the Government. Bid Items based on Lump sum, and man-hours are not subject to the requirements in this paragraph. The equitable adjustment shall be based upon any increase or decrease in costs due solely to the variation above 115 percent or below 85 percent of the estimated quantity. If the quantity variation is such as to cause an increase in the time necessary for completion, the Contractor may request, in writing, an extension of time, to be received by the Government within 10 days from the beginning of the delay, or within such further period as may be granted by the Government before the date of final settlement of the contract (see Paragraph 12.3 for further detail).

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.1 *Amendments; Contract Modifications*

- A. *Written modification required.* Any revisions, amendments, addendums, alterations, contract modifications, increases in payment over and above the Original Contract Amount, or changes whatsoever to any provision of the Contract shall be made only by a duly approved written agreement, deemed a modification signed by the signatories of the Agreement or their authorized designee.
- B. *Prior approval required.* The Government's authorized representative shall determine that the modification is reasonably related to the scope of work for the project; all modifications must be approved in writing by the Government's representative prior to consideration and execution by the Government signatory.
- C. *20% Limitation if Bid used.* If the Original Contract Amount is based on a "Bid" submitted by the Contractor and accepted by the Government, pursuant to 2 N.N.C. §223(F), such modifications shall not exceed, in the aggregate, twenty percent (20%) of the accepted Bid.
- D. *Cost Breakdown.* The Contractor, in connection with any proposal he makes for a contract modification, shall upon request furnish a price breakdown, itemized along with a complete breakdown of the original unit bid price as requested by the Government. Unless otherwise directed, the breakdown shall be in sufficient detail to permit an analysis of all material, labor, equipment, subcontract, and overhead costs, as well as profit, and shall cover all work involved in the modification, whether such work was deleted, added, or changed. Any amount claimed for subcontractors shall be supported by a similar price breakdown. In addition, if the proposal includes a time extension, a justification thereof shall also be furnished. The proposal, together with the price breakdown and time extension justification, shall be furnished by the date specified in the request.

12.2 *Change of Contract Times*

- A. The working days allowed for the performance of the contract is based on the Contractor's schedule for the work to be performed. The working days required to complete the work, as specified, takes into consideration normal weather conditions for the project area. Shutdowns due to inclement weather conditions, including winter suspension(s), and holidays shall be requested by the Contractor and approved by the Construction Manager.
- B. Any adjustment of the Contract Times may only be changed by a Contract Modification. Any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.3 *Delays*

- A. Where Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefor as provided in Paragraph 12.2. Delays beyond the control of Contractor shall include, but not be limited to, acts or neglect by Government, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If Government, Engineer, or other contractors or utility owners performing other work for Government as contemplated by Article 7, or anyone for whom Government is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- C. If Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of Government, or other causes not the fault of and beyond control of Government and Contractor, then Contractor shall be entitled to an equitable adjustment in Contract Times, if such adjustment is essential to Contractor's ability to complete the Work within the Contract Times. Time extensions because of weather conditions shall not be granted except in cases of unusually severe/abnormal weather unanticipated by this contract. The Contractor shall be required to obtain and submit, to the Government, climatological data for the area of the project, covering at least a ten-year period, to receive consideration for any contention of unusually severe/abnormal weather and time extension. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.3.C.
- D. Government, Engineer, and their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall not be liable to Contractor for any claims, costs,

losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

- E. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.1 *Notice of Defects*

- A. Prompt notice of all defective Work of which Government or Engineer has actual knowledge will be given to Contractor. Defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.2 *Access to Work*

- A. Government, Engineer, their consultants and other representatives and personnel of Government, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

13.3 *Tests and Inspections*

- A. Contractor shall give Construction Manager timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. Government shall employ and pay for the services of an independent testing laboratory to perform all Quality Assurance inspections, tests, or approvals required by the Contract Documents except:
 - 1. for inspections, tests, or approvals covered by Paragraphs 13.3.C and 13.3.D below;
 - 2. that costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.4.B shall be paid as provided in Paragraph 13.4.C; and
 - 3. as otherwise specifically provided in the Contract Documents.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging

and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Construction Manager the required certificates of inspection or approval.

- D. Contractor shall be responsible for all Quality Control of the work by arranging and obtaining and shall pay all costs in connection with the acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to Government and Engineer. See Special Contract Requirements, Exhibit C for the Furnishing of Contractor Field Testing Laboratory (if required by the contract).
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Construction Manager, Contractor shall, if requested by Construction Manager, uncover such Work for observation.
- F. Uncovering Work as provided in Paragraph 13.3.E shall be at Contractor's expense unless Contractor has given Construction Manager timely notice of Contractor's intention to cover the same and Construction Manager has not acted with reasonable promptness in response to such notice.

13.4 *Uncovering Work*

- A. If any Work is covered contrary to the written request of Construction Manager, it must, if requested by Construction Manager, be uncovered for Construction Manager's observation and replaced at Contractor's expense.
- B. If Construction Manager considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, Contractor, at Construction Manager's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.
- C. If it is found that the uncovered Work is defective, Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and Government shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, Government may make a Claim therefor as provided in Paragraph 10.5.
- D. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, Contractor may make a Claim therefor as provided in Paragraph 10.5.

13.5 *Government May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, Government may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Government to stop the Work shall not give rise to any duty on the part of Government to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.6 *Correction or Removal of Defective Work*

- A. Promptly after receipt of written notice, Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by Construction Manager, remove it from the Project and replace it with Work that is not defective. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.6 or Paragraph 13.7, Contractor shall take no action that would void or otherwise impair Government's special warranty and guarantee, if any, on said Work.

13.7 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Government or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, Contractor shall promptly, without cost to Government and in accordance with Government's written instructions:
 - 1. repair such defective land or areas; or
 - 2. correct such defective Work; or
 - 3. if the defective Work has been rejected by Government, remove it from the Project and replace it with Work that is not defective, and
 - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Government's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Government may

have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by Contractor.

- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this Paragraph 13.7, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this Paragraph 13.7 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.7 shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

13.8 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Government (and, prior to Construction Manager's recommendation of final payment, Construction Manager) prefers to accept it, Government may do so. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to Government's evaluation of and determination to accept such defective Work (such costs to be approved by Construction Manager as to reasonableness) and for the diminished value of the Work to the extent not otherwise paid by Contractor pursuant to this sentence. If any such acceptance occurs prior to Construction Manager's recommendation of final payment, a Contract Modification will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and Government shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, Government may make a Claim as provided in Article 16 herein. If the acceptance occurs after such recommendation, an appropriate amount will be paid by Contractor to Government.

13.9 *Government May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Construction Manager to correct defective Work, or to remove and replace rejected Work as required by Construction Manager in accordance with Paragraph 13.6.A, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, Government may, after seven days written

notice to Contractor, correct, or remedy any such deficiency.

- B. In exercising the rights and remedies under this Paragraph 13.9, Government shall proceed expeditiously. In connection with such corrective or remedial action, Government may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, take possession of Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which Government has paid Contractor but which are stored elsewhere. Contractor shall allow Government, Government's representatives, agents and employees, Government's other contractors, and Engineer and Engineer's consultants access to the Site to enable Government to exercise the rights and remedies under this Paragraph.
- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Government in exercising the rights and remedies under this Paragraph 13.9 will be charged against Contractor, and a Contract Modification will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and Government shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, Government may make a Claim therefor as provided in Article 16 herein. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Government of Government's rights and remedies under this Paragraph 13.9.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.1 *Schedule of Values-*

- A. The Schedule of Values established as provided in Paragraph 2.7.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Construction Manager. Progress payments on account of Unit Price Work will be based on the number of units completed in place and accepted.

14.2 *Progress Payments*

A. *Applications for Payments:*

- 1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Construction Manager for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by

such supporting documentation (i.e. the Government's receiving reports per FP Section 109.08(d)) as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Government has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Government's interest therein, all of which must be satisfactory to Government.

2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment (see Section 109.08(c)(17) of Exhibit F for certification language).
3. The amount of retainage with respect to progress payments will be as stipulated in Paragraph 14.2.D.
4. The Taxes applied with respect to progress payments will be as stipulated in Article 6.10 herein.

B. Review of Applications:

1. Construction Manager will, within 14 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Government or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Construction Manager's recommendation of any payment requested in an Application for Payment will constitute a representation by Government, based on Engineer's/ Construction Manager's observations of the executed Work as experienced and qualified design professionals, and on Construction Manager's review of the Application for Payment and the accompanying data and schedules, that to the best of Construction Manager's knowledge, information, and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 9.7, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to

have been fulfilled in so far as it is Construction Manager's responsibility to observe the Work.

3. By recommending any such payment Construction Manager will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Construction Manager in the Contract Documents; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Government or entitle Government to withhold payment to Contractor.
4. Neither Construction Manager's review of Contractor's Work for the purposes of recommending payments nor Construction Manager's recommendation of any payment, including final payment, will impose responsibility on Construction Manager:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Government free and clear of any Liens.
5. Construction Manager may refuse to recommend the whole or any part of any payment if, in Construction Manager's opinion, it would be incorrect to make the representations stated in Paragraph 14.2.B.2. Construction Manager may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in Construction Manager's opinion to protect Government from loss because:
 - a. the Work is defective, or completed Work has been damaged, requiring correction or replacement;
 - b. the Contract Price has been reduced by Contract Modifications;

- c. Government has been required to correct defective Work or complete Work in accordance with Paragraph 13.9; or
- d. Construction Manager has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.2.A.

C. Payment Becomes Due:

- 1. Thirty (30) calendar days after presentation of the Application for Payment to Government with Construction Manager's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.2.D and 14.2.E) become due, and when due will be paid by Government to Contractor.

D. Retainage:

- 1. *Percentage withheld.* Contractor agrees that the Government shall withhold ten percent (10%) of the payment due under each invoice submitted to the Government, as Retainage. If Paragraph 5.1.C herein applies, the retainage shall be fifty percent (50%).

E. Reduction in Payment; Debts Owed; Right to Offset:

- 1. Government may refuse to make payment of the full amount recommended by Construction Manager because:
 - a. *Debts Owed; Right to Offset.* The Contractor acknowledges that pursuant to the Navajo Business and Procurement Act, 12 N.N.C. §§1501 *et seq.*, the Contractor, in its present form or in any other identifiable capacity as an individual, business, corporation, partnership, or other entity, is eligible to do business with the "Navajo Nation" as defined in 12 N.N.C. §1503(A). Contractor further acknowledges that if the Contractor has an outstanding money judgment against it in favor of the Government, or there exists a delinquent accounts receivable debt which is due and owing to the Government by Contractor, then the Government may, upon due notice to the Contractor, offset its money claim against any amount owed for work performed or services provided under this Contract.
 - b. claims have been made against Government on account of Contractor's performance or furnishing of the Work;
 - c. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Government to secure the satisfaction and discharge of such Liens; or
 - d. Government has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.2.B.5.a through 14.2.B.5.c or Paragraph 15.2.A.

2. If Government refuses to make payment of the full amount recommended by Construction Manager, Government will give Contractor immediate written notice stating the reasons for such action and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Government shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Government and Contractor, when Contractor remedies the reasons for such action.
3. Upon a subsequent determination that Government's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.2.C.1 and subject to interest as provided in the Agreement.

14.3 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Government no later than the time of payment free and clear of all Liens.

14.4 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use, Contractor shall notify Construction Manager in writing that the entire Work is substantially complete (except for items specifically listed by Contractor as incomplete) and request that Construction Manager issue a certificate of Substantial Completion.
- B. Promptly after Contractor's notification, Construction Manager, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. **Substantial Completion** will ONLY be given by the Government when the project is complete such that it can be safely and effectively used by the public without further delays, disruption, or other impediments as recommended by the Construction Manager and Engineer during a substantial completion inspection. For conventional bridge and highway work, this is the point at which all road grading, pavement structure, shoulder, drainage, permanent signing and markings, traffic barrier, safety appurtenance, utility work is complete and meets all the contract requirements. If Construction Manager does not consider the Work substantially complete, Construction Manager will notify Contractor in writing giving the reasons therefor.
- C. If Construction Manager considers the Work substantially complete, Construction Manager will deliver to Engineer and Contractor a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. Engineer shall have seven days after receipt of the tentative certificate during which to make written objection to Construction Manager as to any provisions of the certificate or attached list. If, after considering such objections, Construction Manager concludes that the Work is not substantially complete, Construction Manager will, within 14 days after submission of the tentative certificate, notify Contractor in writing, stating the reasons therefor. If, after consideration of Engineer's objections, Construction Manager considers the Work substantially complete, Construction Manager will, within said 14 days, execute and deliver

to Contractor a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as Construction Manager believes justified after consideration of any objections from Engineer.

- D. *Release of Partial Retainage.* Upon receipt of a Certificate of Substantial Completion and a request by the Contractor for a release of partial retainage, the Government shall obtain consent of the Surety (if any) and shall make payment of partial retainage for the invoiced Work required to obtain the Certificate of Substantial Completion. Any invoiced Work which did not contribute to the Certificate of Substantial Completion shall be released until the Final Payment as described in Paragraph 14.4.E and Article 14.7 herein.
- E. *Legal release required.* Any remaining portion of the retainage balance shall not be released until the Contractor submits a "Release of All Claims and Liens" which is notarized and signed by the Contractor, and also submits all similar legal releases of subcontractors.
- F. At the time of delivery of the tentative certificate of Substantial Completion, Construction Manager will deliver to Government and Contractor a written recommendation as to division of responsibilities pending final payment between Government and Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless Government and Contractor agree otherwise in writing and so inform Construction Manager in writing prior to issuing the definitive certificate of Substantial Completion, Construction Manager's aforesaid recommendation will be binding on Government and Contractor until final payment.
- G. Government shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the tentative list.

14.5 *Partial Utilization*

- A. Prior to Substantial Completion of all the Work, Government may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Government, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Government for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. Government at any time may request Contractor in writing to permit Government to use or occupy any such part of the Work which Government believes to be ready for its intended use and substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Government, and Engineer will follow the procedures of Paragraph 14.4.A through F for that part of the Work.
 - 2. Contractor at any time may notify Construction Manager in writing that Contractor considers any such part of the Work ready for its intended use and substantially complete

and request Construction Manager to issue a certificate of Substantial Completion for that part of the Work.

3. Within a reasonable time after either such request, Construction Manager, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Construction Manager does not consider that part of the Work to be substantially complete, Construction Manager will notify Contractor in writing giving the reasons therefor. If Construction Manager considers that part of the Work to be substantially complete, the provisions of Paragraph 14.4 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.6 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Construction Manager will promptly make a final inspection with Engineer and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.7 *Final Payment*

A. *Application for Payment:*

1. After Contractor has, in the opinion of Construction Manager, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. Copies of all work product documents, reports, photographs, drawings, schematics, related correspondence, invoices, and other information or documents regarding the Project shall be provided to the Government's Representative no later than thirty (30) calendar days following the expiration or termination of this Contract. Final invoice(s) shall be due no later than thirty (30) calendar days following the expiration or termination of this Contract.
 - b. evidence of insurance required by Paragraph 5.3.

- c. consent of the surety, if any, to final payment;
 - d. a list of all Claims against Government that Contractor believes are unsettled; and
 - e. complete and legally effective releases or waivers (satisfactory to Government) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.7.A.2 and as approved by Government, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Government might in any way be responsible, or which might in any way result in liens or other burdens on Government's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Government to indemnify Government against any Lien.

B. Construction Manager's Review of Application and Acceptance:

1. If, on the basis of Construction Manager's observation of the Work during construction and final inspection, and Construction Manager's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Construction Manager is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Construction Manager will, within ten days after receipt of the final Application for Payment, indicate in writing Construction Manager's recommendation of payment and present the Application for Payment to Government for payment. At the same time Construction Manager will also give written notice to Engineer and Contractor that the Work is acceptable subject to the provisions of Paragraph 14.9. Otherwise, Construction Manager will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due:

1. Thirty (30) days after the presentation to Government of the Application for Payment and accompanying documentation, the amount recommended by Construction Manager, less any sum Government is entitled to set off against Construction Manager's recommendation, including but not limited to liquidated damages, will become due and will be paid by Government to Contractor.

14.8 Final Completion Delayed-

- A. If, through no fault of Contractor, final completion of the Work is significantly delayed, and

if Construction Manager so confirms, Government shall, upon receipt of Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of Construction Manager, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by Government for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.1, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Construction Manager with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

14.9 *Waiver of Claims*

A. The making and acceptance of final payment will constitute:

1. a waiver of all Claims by Government against Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.6, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Contractor's continuing obligations under the Contract Documents; and
2. a waiver of all Claims by Contractor against Government other than those previously made in accordance with the requirements herein and expressly acknowledged by Government in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

Generally. The rights of the Parties to suspend or terminate this Contract shall be as provided for herein. In addition, upon prior written notice to the Contractor of not less than thirty (30) calendar days, the Government may unilaterally order a temporary stoppage of work. If the Contractor is not at fault for stoppage, any additional payment to the Contractor for such stoppage shall be in accordance with Article 12 herein.

15.1 *Government May Suspend Work*

- A. At any time and without cause, Government may suspend the Work or any portion thereof for a period of not more than 120 consecutive days by notice in writing to Contractor and Engineer which will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if Contractor makes a Claim therefor as provided in Article 16 herein.

15.2 *Government May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:

1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule;
 2. *Non-compliance or violation of laws.* In addition to the Government's right of suspension and termination provided for in the Primary Contract, the Government may terminate this Contract for Breach if the Government's representative determines in writing that the Contractor or any of its' subcontractors has violated any applicable law or regulation in the procurement or performance of this Contract.;
 3. *Falsification, lack of documentation.* The Government may terminate this Contract for breach if:
 - a. any statement or documentation regarding any licensing, business registration, insurance coverage, or debts owed, is determined to be false; or
 - b. Contractor has failed to submit in a timely manner any requested documentation pertaining to any licensing, business registration, insurance coverage, or debts owed, and the Government's Representative determines that the Government is unable to issue a Notice to Proceed, or to otherwise proceed with the Project, in a timely manner.
 4. *Financial responsibility, solvency.* The Government may terminate this Contract for breach if:
 - a. the Contractor becomes insolvent or its insolvency is imminent, or the Contractor files for bankruptcy under any chapter of federal law; or
 - b. the provider of the Contractor's insurance is not solvent or its insolvency is imminent; or
 - c. the Government receives notice that the Contractor has failed to pay its subcontractors, employees, suppliers or other ancillary firm(s) for any work on this Project.
 5. *Debarment, suspension.* The Government may terminate this Contract if the Government or any of its political subdivisions, enterprises, or other related entities, or if any federal or state governmental entity, has for any reason debarred or suspended the Contractor or any of its subcontractors. Such debarment or suspension shall be considered effective notwithstanding any appeal and shall be effective unless and until conclusively resolved in favor of the Contractor or subcontractor.
- B. If one or more of the events identified in Paragraph 15.2.A occur, Government may, after giving Contractor (and surety) seven days written notice of its intent to terminate the services of Contractor:
1. exclude Contractor from the Site, and take possession of the Work and of all Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent they could be used by Contractor (without liability to Contractor for trespass or conversion);

2. incorporate in the Work all materials and equipment stored at the Site or for which Government has paid Contractor but which are stored elsewhere; and
 3. complete the Work as Government may deem expedient.
- C. If Government proceeds as provided in Paragraph 15.2.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Government arising out of or relating to completing the Work, such excess will be paid to Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, Contractor shall pay the difference to Government. Such claims, costs, losses, and damages incurred by Government will be reviewed by Construction Manager as to their reasonableness and, when so approved by Construction Manager, incorporated in a Contract Modification. When exercising any rights or remedies under this Paragraph, Government shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.2.B and 15.2.C, Contractor's services will not be terminated if Contractor begins within seven days of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of said notice.
- E. Where Contractor's services have been so terminated by Government, the termination will not affect any rights or remedies of Government against Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due Contractor by Government will not release Contractor from liability.
- F. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 5.1.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.2.B and 15.2.C.

15.3 *Government May Terminate for Convenience*

- A. *Termination for Convenience.* Pursuant to 12 N.N.C. §344 and §350, the Government shall have the right to terminate this Contract for the convenience of the Government. Upon seven days written notice to Contractor, Government may, without cause and without prejudice to any other right or remedy of Government, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 2. expenses sustained prior to the effective date of termination in performing services

and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;

3. all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
4. reasonable expenses directly attributable to termination.

B. Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.4 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (i) the Work is suspended for more than 120 consecutive days by Government or under an order of court or other public authority, or (ii) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (iii) Government fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Government, and provided Government does not remedy such suspension or failure within that time, terminate the Contract and recover from Government payment on the same terms as provided in Paragraph 15.3.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Government has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Government, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this Paragraph 15.4 are not intended to preclude Contractor from making a Claim under Article 16 herein for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.1 *Dispute Resolution.* Any claim, dispute, or other matter in question arising out of or relating to this Contract shall be resolved by the negotiation and arbitration procedures set forth as follows:

- A. *Negotiation.* The Parties shall endeavor to resolve claims or disputes between them by informal good faith negotiation, which negotiation period shall not exceed thirty (30) calendar days, commencing as of the receipt by either Party of the other Party's written "Notice to Invoke Dispute Resolution Procedures."

B. *Arbitration.* If the negotiation provided for in Article 16.1.A herein does not result in resolution of the Parties' dispute within thirty (30) calendar days of commencement of negotiation, then, unless the Parties agree in writing to extend the time for negotiation, either Party may invoke arbitration by sending Notice of Intent to Commence Arbitration. Any Arbitration invoked against the Government shall be in accordance with the procedures referenced in the Navajo Sovereign Immunity Act, as amended, at 1 N.N.C. §554(J) and §554(K), and as set forth in the Navajo Nation Arbitration Act, as amended, at 7 N.N.C. §§1101 *et seq.* Any procedure not expressly provided for under Navajo law may be conducted in accordance with the Commercial Arbitration Rules of the American Arbitration Association, except to the extent that any rules are modified by the following:

1. unless otherwise agreed to in writing by the Parties, all arbitration procedures shall be held in Window Rock, Arizona; and
2. the arbitration shall be conducted by a single arbitrator selected by the Government, unless one of the Parties' claims exceeds \$1,000,000.00, exclusive of interest, costs, and fees; in such case the arbitration shall be conducted by a panel consisting of three (3) arbitrators, one of which shall be chosen by each Party, with the two arbitrators choosing the third; at least one arbitrator shall possess at least ten (10) years of experience in Indian Law; and
3. if the Contractor seeks to enforce on arbitration award against the Government, a notice of intent to invoke arbitration shall be filed in strict compliance with the notice requirements of the Navajo Sovereign Immunity Act, at 1 N.N.C. §555; and
4. whether as a result of an arbitration provided for herein or of any judicial action to enforce an arbitration award resulting from such arbitration, any award against the Government shall be in strict conformance with the provisions of 1 N.N.C. §554(K) 1-6; and
5. whether in the context of an arbitration provided for herein or any judicial action to enforce an arbitration award resulting from arbitration, Navajo Nation laws and regulations shall exclusively govern the interpretation of this Contract, the arbitration provisions herein, the arbitration procedures conducted pursuant thereto, and the application of all provisions of the Contract to the Contractor; and
6. pursuant to 1 N.N.C. §554(K) and 7 N.N.C. §1102, the appropriate Navajo Nation district court shall have **exclusive jurisdiction** to compel the Government's participation in on arbitration, and shall have exclusive jurisdiction to enforce, modify, or vacate on arbitration award resulting from such arbitration; Contractor understands and agrees that domestication of an arbitration judgment against the Government in any other court will violate the Navajo Nation Sovereign Immunity Act such that the Government will be able to assert the defense of sovereign immunity in any other foreign (federal, state, tribal) court; and
7. neither Party can be awarded any attorney's fees and costs.

- C. *Exclusive Remedy.* The negotiation and arbitration provisions provided herein shall constitute the sole and exclusive remedy to any dispute or controversy arising from this Contract. This dispute resolution agreement shall be a complete defense to any suit, claim, action or proceeding in any federal, state, or tribal judicial or administrative tribunal; and
- D. *Post-termination; post-expiration.* Regarding any dispute arising from this Contract, the dispute resolution procedures set forth herein shall survive the termination or expiration of this Contract.
- E. *Challenges limited.* By entering into this Contract, the Contractor expressly covenants and agrees that it shall not contest or challenge the territorial, administrative, legislative, executive or judicial jurisdiction of the Navajo Nation on the basis that such jurisdiction is inconsistent with the status of the Navajo Nation as an Indian tribal Nation, or that the Navajo Nation government is not a government of general jurisdiction, or that the Navajo Nation government does not possess full police power (i.e., the power to legislate and regulate for the public's general health and welfare) over all lands, persons, activities, transactions, or occurrences within its territorial boundaries, or on any other basis not generally applicable in a similar challenge to the jurisdiction of a state government.

16.2 *Department of Justice Approval.* Pursuant to 1 N.N.C. §554(J)(2) and (K)(2), Navajo Nation Department of Justice approval is required for all agreements that include a limited waiver of sovereign immunity to compel or enforce arbitration under the Navajo Nation Arbitration Act, as amended, 7 N.N.C. §1101 et seq.

ARTICLE 17 – MISCELLANEOUS

17.1 *Giving Notice; Mailings*

- A. *Issuance of Notices; Mailings.* Any notices or correspondence relating to this Contract sent by either Party to the other shall be mailed to the address shown on the signature page of the Agreement, shall be mailed via certified U.S.P.O. mailing with return receipt requested, and shall be deemed issued or submitted to the receiving Party as of the date of such certified mailing.

17.2 *Computation of Times*

- A. When any period of time is referred to in the Contract Documents by calendar days, it will be computed to include the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.3 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated

in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.4 *Governing Law; Compliance with Navajo Nation Laws; Jurisdiction*

A. *Governing Law; Compliance with Navajo Nation Laws.*

1. *Navajo Nation Law Governs.* Navajo Nation law governs the interpretation of the Contract Documents.
2. *Navajo Preference in Hiring.* In the hiring of any employees (under an employer-employee relationship) who will perform primarily at the Project site, the Contractor shall comply with all provisions of the Navajo Preference in Employment Act, at 15 N.N.C. §601 *et seq.*
3. *Navajo Preference in subcontracting.* Contractor expressly acknowledges and agrees that it is deemed a "Prime Contractor" under 5 N.N.C. §202 K, and as such must comply with all applicable provisions of the Navajo Business Opportunity Act, at 5 N.N.C. §201 *et seq.*, and with all rules and regulations promulgated thereto. In accordance with 5 N.N.C. §205 F, the Navajo Nation Business Regulatory Department shall have the authority to require the Contractor to comply with current minimum percentages for procurement and subcontract awards to Navajo-owned and controlled entities, firms and organizations, based upon availability and upon the qualifications of such entities to provide specific products and services necessary or appropriate for the Project.
4. *Other laws.* The Contractor shall comply with all other Navajo Nation laws and regulations and of the United States, now in force and effect or as hereafter may come into force and effect that pertain to the work to be performed or services to be provided under this Contract.

B. *Navajo Nation Jurisdiction.* By voluntarily entering into and executing this Contract, the Contractor expressly consents to the full territorial, administrative, legislative, executive and judicial jurisdiction of the Government, including but not limited to, the jurisdiction to regulate, adjudicate disputes, and to levy fines or enter judgments for injunctive relief and/or compensatory and punitive damages, in connection with all activities conducted by the Contractor within the Navajo Nation or which have a proximate (legal) effect on persons or property within the Navajo Nation. The Contractor hereby acknowledges and agrees that this Contract constitutes a voluntary consensual relationship between the Contractor and the Government.

C. *Sovereign Immunity.* Nothing herein shall be considered a waiver, express or implied, of the sovereign immunity of the Government, except to the limited extent provided for in the Navajo Sovereign Immunity Act, as amended, at 1 N.N.C. §§551 *et seq.*

17.5 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these Standard General Conditions.

17.6 *Government Ownership of Work Product*

- A. *Government Ownership of Work Product.* All intangible and intellectual property or work product that is produced by the Contractor or any of its subcontractors, which work product is embodied in any tangible medium such as notes, plans, or drawings, including the overall form as well as the arrangement and composition of spaces and elements in the medium, and is produced for purposes of fulfilling any duties under this Contract, shall be and remain the property of the Government at all times, whether or not such product is completed or certified, and may be used by the Government, except as follows:

1. *Limited disclosure.* Said property shall not be distributed or disclosed to any party other than the Government or its divisions, departments, offices, agencies, boards, commissions, committees, enterprises, employees, officers, officials, and agents, except (1) upon prior written consent of the Contractor; or (2) pursuant to a duly authorized and executed contract between the Government and any other tribal, county, state or federal agency; or (3) pursuant to any applicable law requiring disclosure.
2. *Right of reuse.* The Contractor acknowledges and agrees that the Government may use said property, or any portion thereof, in connection with the Project that is the subject of this Contract, for purposes of completion, modification, restoration, or renovation of such Project, at the sole discretion of the Government. Contractor agrees that such reuse shall be without any consideration, compensation or consent of Contractor, and Contractor expressly waives any claims with respect to such reuse. With regard to reuse of said property for any purpose not reasonably related to the Project, said property shall be considered Instruments of Service as provided for in the Primary Contract, and shall be subject to the restrictions on reuse as provided for therein.

17.7 *Right to Assurance*

- A. *Right to Assurance.* If at any time prior to the completion of services, the Government has reason to believe that the Contractor does not intend to or is unable to complete the contracted services, the Government may demand in writing that the Contractor submit written assurance of intent to complete performance. Failure to provide such assurance within fourteen (14) calendar days shall be deemed as a response that the Contractor will not complete services which will allow the Government to terminate this Contract.

EXHIBIT B
PROJECT SPECIFIC SUPPLEMENTAL GENERAL
CONDITIONS

PROJECT SPECIFIC SUPPLEMENTAL GENERAL CONDITIONS

This space is reserved for project specific Supplementary Conditions to the contract. Please refer to Paragraph 4.2.B and 4.6.B of Exhibit A, Standard General Conditions for discussion of Contractor's limited reliance of the technical data contained herein.

1. **Not Applicable**

The above listed reports can be obtained from the Navajo Division of Transportation Website below during the Request for Proposal process.

<https://navajodot.org/rfp%2Frfq>

EXHIBIT C

SPECIAL CONTRACT REQUIREMENTS

EXHIBIT C - SPECIAL CONTRACT REQUIREMENTS

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EXHIBIT C - SPECIAL CONTRACT REQUIREMENTS

1. **Contractor Safety Program Requirements**

Article 6.13, Exhibit A, Standard General Conditions is supplemented with the following:

The Contractor shall establish a safety program, which shall include at a minimum the following requirements:

A) **Safety Program Submittal:**

Within 30 days following the awarding of a contract, the Contractor shall submit in writing to the Government a proposed comprehensive safety program in accordance with the following:

- (a) The Contractor shall provide and maintain work environments and procedures which will:
 - (1) safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to Contractor operations and activities; (2) avoid interruptions of Government operations and delays in project completion dates; and (3) control costs in the performance of this contract.
- (b) For these purposes on contracts for construction or dismantling, demolition, or removal of improvements, the Contractor shall -
 - (1) Provide appropriate safety barricades, signs, and signal lights;
 - (2) Comply with the standards issued by the Secretary of Labor at 29 CFR part 1926 and 29 CFR part 1910; and
 - (3) Ensure that any additional measures the Government determines to be reasonably necessary for the purposes are taken.
- (c) Whenever the Government becomes aware of any noncompliance with these requirements or any condition which poses a serious or imminent danger to the health or safety of the public or Government personnel, the Government shall notify the Contractor orally, with written confirmation, and request immediate initiation of corrective action. This notice, when delivered to the Contractor or the Contractor's representative at the work site, shall be deemed sufficient notice of the noncompliance and that corrective action is required. After receiving the notice, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to promptly take corrective action, the Government may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any stop work order issued under this clause.
- (d) The Contractor shall insert paragraphs (a) thru (d), with appropriate changes in the designation of the parties, in all subcontracts.

B) **Pre-Construction Safety Meeting:**

A representative of the Contractor shall meet with Government staff prior to the start of construction, and throughout the term of the contract to review the safety program and discuss implementation of health and safety provisions pertinent to the work under contract. The Contractor should be prepared to discuss, in detail, the measures to be taken to control the hazards associated with the major phases of the work under contract. The initial meeting shall be devoted mainly to a discussion of the manner in which the Contractor intends to administer the health and safety program, delegation of responsibility for implementing the program, and a determination of what shall be presented in the written safety program.

C) Contractor Housekeeping Requirement:

Good housekeeping, including provision and facilities for routine scrap removal, shall be maintained in all areas within the Contractor's scope of operation. Any and all garbage shall be stored and removed to a certified landfill off the reservation.

D) Contractor Contamination Requirement:

Handling, storage, and disposal of hazardous materials of any nature shall be carried out in a manner so as not to contaminate or pollute public and/or private property, water supplies, rivers, lakes, reservoirs, streams, or the atmosphere. Disposal of all materials, including waste, garbage, and sewage, shall comply with all local, tribal, state, and federal regulations including but not limited to the Clean Water Act, 33 U.S.C. §§1251 et seq. and the Clean Air Act, 42 U.S.C. §§7401 et seq.

2. **Water**

Article 6.3 of Exhibit A, is supplemented with the following:

The Contractor will include the cost of water necessary to complete all project work in the individual bid items. The cost for water which is needed during the course of the project for all other purposes, including dust control, will be included in the overall cost of the project. The Contractor will be responsible for computing his own water quantities and then basing his bid on his own computed quantities. No separate measurement or payment of water will be made.

Water sources used for this project shall be subject to the laws and regulations imposed by the permitting agency. Any costs associated with obtaining such permits shall be borne by the Contractor. A copy of this permit shall be furnished to the Government prior to construction. In no case may sewer lagoon water be used until the Contractor can show proof that the water will comply with the requirements of the Navajo EPA and the Clean Water Act and that a testing procedure to follow is outlined in the overall safety plan to insure compliance.

3. **Buy America Requirements**

Article 6.3 of Exhibit A, is supplemented with the following:

The following clarifies the Government's "Buy America Requirements" which requires the Contractor to provide materials that comply with the Buy America requirements in 23 CFR § 635.410. Previous interpretations of the Buy America requirements allowed exclusions for certain steel and iron manufactured products that contained less than 90% steel or iron components.

Previous interpretations also allowed exclusions for miscellaneous steel and iron components, subcomponents and hardware. These exclusions no longer apply.

Since these exclusions no longer apply, the Contractor shall provide certification proving that all steel or iron materials were manufactured in the United States before performing Work that uses steel or iron materials. Additionally, the Contractor shall provide certification that all coatings on the steel or iron materials were applied in the United States. If these certifications are not provided, the Government may take any remedies available under the Contract.

Other exclusions to the Buy America requirements remain in effect, including but not limited to, minimal use of foreign steel and iron materials. The exclusion allows the Contractor to use foreign steel or iron material that does not exceed one-tenth of one percent (0.1%) of the Total Bid Amount or that does not exceed \$2,500.00 whichever is greater. To comply with the minimal use exclusion, the Contractor shall provide to the Construction Manager invoices showing the cost of the foreign steel or iron material that cannot be certified as delivered to the Project.

4. Borrow and Aggregate Materials

Article 6.3 of Exhibit A, is supplemented with the following:

Contractor Furnished Source:

The Contractor shall be solely responsible for the location, surveying, permits, and associated costs for all borrow and aggregate material sources either within or outside of the Navajo Indian Reservation. The Contractor shall provide copies of all permits to the Government for their records. The Government may provide suggested borrow sources information to the Contractor (if available) but gives no guarantees of the volumes available, suitability of the borrow material meeting the contract requirements, responsibility for the lack of material within the source to complete the items of work in this contract, nor does the Government waive any permit requirements through the Tribal processes. All activities associated with borrow and aggregate material sources on the Navajo Reservation, state, and federal lands shall be subject to applicable Federal, State, and Tribal laws. All expenses associated with obtaining necessary permits shall be the Contractor's responsibility. The contract time shall only be extended (under a negotiated written modification) if the Contractor in obtaining permits requiring Federal Government review and/or approval, which delays the Contractor. A delay caused by Tribal or other State or local permitting processes is the responsibility of the Contractor. Written proof is required to substantiate any delays as a result in obtaining any material sources for the project.

The Government shall perform quality assurance tests on three (3) representative samples for each proposed aggregate and borrow source and for each change in source. A source is defined as the land area from which material will be removed and represented by the aggregate quality samples. The Contractor shall notify the QAM before opening the test hole within the source so that an elected representative will have the opportunity to observe the test hole opening and complete the sampling. The Contractor may perform (if desired) verification testing on the split samples, the costs of which shall be the responsibility of the Contractor. The Contractor shall not use the Materials Lab hired under this contract for their sampling and test.

The material sampled shall be tested by an AASHTO certified testing laboratory. The cost of the Quality Assurance sampling and testing shall be the obligation of the Government. The Government may re-test the material source based on the original test results. The costs of any re-testing shall be borne by the Contractor, unless such tests substantiate the Contractor's verification results, in which case the Government will reimburse the Contractor for the costs of re-testing in accordance with section 109.02(s).

The Contractor shall be responsible for all quality control during the crushing and screening operations. Should the source contain insufficient material to meet the contract needs or should it become necessary for the Contractor, to change and/or select a new source, the Contractor shall be solely responsible for all costs and delays to the contract, unless such change is due to negligent actions of the Government.

The Contractor shall be solely responsible for obtaining archeological and environmental clearances for his haul roads, material sources, staging areas, and construction yard including all permits and associated costs. The Contractor shall be responsible for providing adequate traffic control on all haul roads in accordance with the MUTCD latest edition. The Contractor shall construct and/or maintain all haul roads into and from the source to the project as required by the land owner. Any existing Government owned roads damaged by the Contractor's negligence or failure to abide by load restrictions shall be restored to original condition at the Contractor's expense. All haul road construction, maintenance (including dust control), traffic control including flaggers, and improvements will not be measured for payment but shall be considered a subsidiary obligation of the Contractor under the contract items requiring borrow and/or aggregate material. Copies of such clearances and permits shall be furnished immediately to the Government.

Commercial and/or other Material Source:

The Contractor shall adhere to the requirements under these "Special Contract Requirements" with the following stipulations applied:

- A. The Contractor shall advise the Government (at least 5 working days in advance) of materials to be furnished from commercial sources.
- B. The Contractor shall, upon request, furnish aggregate quality test results from the proposed commercial source with split samples for the Government. This requirement will be considered fulfilled if the submittals for the product supplied contain the required information that meets the contract requirements. The Government has the right to test the split samples as necessary and provide the results to the Contractor if there is an issue with the contractor's test results.

5. Furnishing of Contractor Field Testing Laboratory

Article 6 of Exhibit A is supplemented with the following:

A Contractor Furnished Field Testing Laboratory WILL NOT be required as part of this project.

~~The Contractor shall furnish, at a location convenient and close to the project site, a certified field laboratory equipped with all necessary test equipment with accessories and all incidentals including utilities and sanitary facilities to satisfy the testing and inspection services required by this contract.~~

~~Test equipment will have been calibrated within the last 6 months of issuance of this contract, and is applicable to the contract requirements. Tag all necessary equipment indicating the date of last inspection, inspector, and calibration number.~~

~~The laboratory, utilities (including all associated monthly costs), accessories, and all equipment required by the contract requirements including furnishing of a laboratory site shall be included in the unit price bid for mobilization or applicable bid item for quality control sampling, testing, and inspection as reflected in the bid schedule.~~

~~No work requiring testing shall be permitted until the Contractor has furnished the above and the laboratory is ready to accept samples for testing by furnishing the following:~~

- ~~1. Description of the calibrated equipment including calibration number, model number, serial number and/or other acceptable identification.~~
- ~~2. Identification of the individual(s) who performed the calibration of the equipment.~~
- ~~3. Description of the procedure used to calibrate all the equipment to be used on this contract.~~

6. Furnishing of Field Office and Sanitary Facilities

Article 6 of Exhibit A is supplemented with the following:

~~The Contractor shall furnish, at a location convenient and close to the project site, one weatherproof building for the exclusive use of Government personnel for use as a field office. The building shall have, as a minimum: outside dimensions of 2.4m (8 feet) in width by 9.14m (30 feet) in length having a minimum ceiling height of 2.13m (7 feet); at least two operable windows and two lockable doors; adequate supply of 110 volt, 60 cycle electricity capability for lighting, operating of office and computer equipment; shall be heated and air conditioned; and contain a phone service line with internet service and fax capability. The Contractor shall also provide portable toilet facilities that are serviced at least weekly and removed when no longer required.~~

~~In addition to the above general requirements for the building, the Contractor shall furnish a water supply for drinking, which shall be delivered either in a continuous pressurized system or an elevated gravity flow system of adequate capacity to fully support the facility being provided for the duration of the project. The furnishings (i.e. two work desks, drafting table, 4 drawer file cabinet, and table/chairs for conducting meetings with up to eight people), of the above facility (including all utilities furnished and paid for (except phone service) shall be included in the unit price bid for mobilization or applicable bid item for Field Office as reflected in the bid schedule. See FP Section 637.03 for additional requirements.~~

7. **Asphalt Shipments**

Article 6 of Exhibit A is supplemented with the following:

All asphalt shipments to the project shall be in sealed tankers and this seal shall **only** be removed by an authorized representative of the Government. Any tanker with a broken seal or no seal shall be rejected and removed from the project.

When the bid schedule calls for payment of bituminous materials by the ton, the quantity used shall be determined by certified weight tickets accompanying each load subject to correction when bituminous material has been lost, wasted, or otherwise not incorporated into the work. Asphalt shipments shall be weighed across the project scales before and after unloading when requested. Should the project scales determine a weight less than the certified weight tickets show, the lesser quantity will be the pay quantity. Each weight ticket shall be clearly referenced to accompanying bill of lading and certified laboratory analysis report.

8. **Load Restrictions**

Article 6 of Exhibit A is supplemented with the following:

The total gross vehicle weight imposed on this project under this contract or any other Navajo Reservation route by any vehicle or combination of vehicles shall be as follows:

The Navajo Tribe has adopted vehicle weight limits that are more restrictive than those in the states of New Mexico, Utah, and Arizona. The weight limits of the Navajo Tribe shall apply to all BIA owned Navajo Regional roads and bridges within the Navajo Reservation unless a lesser limit is posted; then the lesser limit shall apply regardless of when the lesser limit was posted. Under certain circumstances, these limits may be exceeded, but only when the Contractor has applied for and received an approved permit to do so issued by the BIA Navajo Regional Office, Division of Transportation. The Contractor may make application for a permit to exceed weight limits from the Regional Road Maintenance Engineer.

The State and Counties respective laws set the weight limits for roads under the jurisdiction of the counties and states. The Contractor is required to haul within these limits unless he has a permit from the applicable jurisdiction to haul above those limits. The Contractor shall be solely responsible for all damages to roads and bridges caused by hauling above the legal limits including any Subcontractors under this contract. All damages, regardless of jurisdiction, shall be repaired at the Contractor's expense to the satisfaction of the owner's standards and/or directives.

14 N.N.C. §§607 - 608 of the Navajo Nation Code as it relates to vehicle load limits is referenced herein for the Contractor's convenience when hauling over BIA or tribal routes.

Section 607. Load limits on Single-axles, wheels and tires

- a) The gross weight imposed on the highway by the wheels of any one (1) axle of a vehicle shall not exceed 21,600 pounds, nor shall any one (1) wheel carry a load in excess of 11,000 pounds. A tandem axle **cannot** carry load in excess of 34,320 pounds.

- b) No wheel equipped with pneumatic, solid rubber, or cushion tires shall carry a load in excess of 600 pounds for every one inch of tire width. The width of pneumatic tires shall be taken at the manufacturer's rating. The width of solid rubber and cushion tires shall be measured at the flange of the rim.

Section 608. Gross weight of vehicles and loads

- (a) Subject to the weight limits imposed in section 607, the total gross weight with load of a vehicle or combination of vehicles with two or more consecutive axles shall not exceed the gross weight given for the respective distance between the first and last axle of measured longitudinally to the nearest one foot, as set forth in the following table:

<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>	<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>	<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>
4	32,000	9	34,300	14	43,200
5	32,000	10	35,000	15	44,000
6	32,000	11	35,700	16	44,800
7	32,900	12	36,400	17	45,600
8	33,600	13	37,100	18	46,400

D = Distance in feet (ft) between first and last axles of group of axles.

L = Allowable load in pounds (lbs) on group of axles.

- (b) The total gross weight with load imposed on the highway by any vehicle or combination of vehicles where the distance between the first and last axles is more than 18 feet shall not exceed that given for the respective distances in the following table:

<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>	<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>	<u>Distance</u> <u>(D)</u>	<u>Load (L)</u>
19	47,200	29	58,650	39	68,000
20	48,000	30	59,500	40	70,000
21	48,800	31	60,350	41	72,000
22	49,600	32	61,200	42 – 51	73,280
23	50,400	33	62,050	52	73,600
24	51,200	34	62,900	53	74,400
25	55,250	35	63,750	54	75,200
26	56,100	36	64,600	55	76,000
27	56,950	37	65,450	56 & over	76,800
28	57,800	38	66,300		

D = Distance in feet (ft) between first and last axles of vehicle.

L = Allowable load in pounds (lbs) of vehicle.

- (c) The distance between axles shall be measured to the nearest even foot. When a fraction is exactly one-half foot the next larger whole number shall be used.

The Contractor shall be responsible for all damages caused by his or her supplier's hauling units on any State, Tribal, and Bureau owned highway. All damages shall be repaired at the Contractor's expense to the facilities original condition.

9. Archeological/NEPA Requirements

Article 6.9 of Exhibit A is supplemented with the following:

The Contractor shall be responsible for all environmental and archaeological requirements as outlined in Navajo Nation Historic Preservation Department (HPD) Office archeological discovery procedures, and NEPA regulations as may be described in this contract and/or shown on the design plans. Archeological sites shown on the plans are not to be disturbed by any construction equipment unless otherwise directed by the Government. The Contractor shall insure that no equipment comes within 16 feet of any known sites identified on the plans. Any mitigation measures that may be called for in this contract (excluding hiring of an archeologist for construction oversight) to protect archeological sites and/or environmental concerns during construction shall be paid for under the appropriate bid items shown. For those archaeological sites that are within the roadway right-of-way (i.e. refer to design plans) the Contractor may have to conduct the grading operations **ONLY** with an archeologist present. The Contractor shall coordinate such work with the Government so that an archaeologist can be present during construction if the construction plans call for such. If any unknown arch sites or environmental concerns are discovered during construction, it will be the responsibility of the Government to mitigate in accordance with section 106 of the National Historic Preservation Act (NHPA) and/or section 107.02 of the FP-2014. The Contractor is then required to coordinate and accommodate the necessary archeological/environmental work while constructing the roadway in other locations.

Refer to Exhibit I - Environmental Requirements & Permits for the project Environmental Mitigation requirements.

In the event that **all project work** has to be suspended, for a short period of time (i.e. up to 4 weeks) to address any issues with archaeology or environmental mitigation mentioned above, the contractor may request for a time extension equal to the delay of the mitigation to the Government in writing. See Article 15 of Exhibit A for **SUSPENSION OF WORK** for further information.

10. Construction Requirements:

Article 6 of Exhibit A is supplemented with the following:

- A. The Contractor is not permitted to park heavy equipment within 50 feet (15 meters) of existing drainage washes to prevent the leakage of oils or other toxic materials from entering the waters of the United States. The Contractor is required to inspect all heavy construction equipment each day to insure all equipment is free of leaks and have a mitigation plan in place in case a toxic spill does occur. Any inadvertent discharge of toxic materials by the Contractor's equipment and operations shall result in an immediate halt of work until the Contractor cleans up all spills and/or leaks in accordance with the EPA regulations at his entire expense. The Contractor shall also be required to immediately

notify the Government and Navajo Regional Environmental Scientist when such spills or leaks occur.

- B. All pipe installations shall be performed during low to no flow periods of runoff to minimize water quality impacts to the fullest extent possible.
- C. In no case shall any grading or pipe installation or other ground disturbing work begin until the contractor's Storm Water Pollution Prevention Plan has been reviewed, accepted by the Government and implemented by the Contractor. The Contractor is required to file a Notice of Intent with the USEPA as described in Section 11 below. The Contractor shall provide copies of the approved SWPPP to the Navajo Nation Environmental Protection Agency (NNEPA).
- D. Waste concrete and/or hot mix shall be disposed of in accordance with EPA regulations off the project site. In no case shall any wasting or stockpiling of concrete and/or hot mix be allowed within the project limits. Temporary washout traps or containment vessels are allowed provided these traps or vessels are properly engineered and located in the proper locations before use. At completion, the traps and vessels shall be removed from the project in accordance with these contract requirements, USEPA, Navajo EPA, and State regulations.
- E. The Contractor shall provide a parking area for employee's private vehicles. Private vehicles are not to be parked within the road right-of-way that is open to public traffic nor shall they be parked within 50 feet (15 meters) of drainage washes or known archeological sites. Vehicles may be parked outside the right-of-way limits provided the Contractor is given permission by the land user or tribe or may park the vehicles within the Contractor's construction yard.
- F. The Contractor shall coordinate all work and cooperate with the utility companies and adjoining land users who have buried or overhead water, gas, electric, and phone lines within or just outside the right-of-way in accordance with Section 107.02 as incidental obligations under this contract.

Water – Based on field reviews, no existing public waterline utilities are present within the project limits. No coordination or mitigation instructions are included as part of the project utility coordination.

SEC Electric - Based on the coordination efforts with SEC, no existing electric utilities will require relocation within the project limits, and all overhead electric lines have adequate clearance. The Contractor will be responsible for performing utility coordination with SEC and notify them when work is occurring in the vicinity of all electric crossings. The Contractor shall PROTECT IN PLACE all powerline crossings. The Contractor's unit bid prices should include costs associated with coordination of this utility work (see *Article 7.1 Related Work at Site* of the Standard General Conditions).

WNMC Communications - Based on the coordination efforts with WNMC, all existing communication line crossings within the project limits are either deep enough or have adequate clearance. As part of this project's utility mitigations, the Contractor will be responsible for performing utility coordination with WNMC and notify them when work is occurring in the vicinity of these crossings. The Contractor shall PROTECT IN PLACE all communication line crossings. The Contractor's unit bid prices should include costs associated with coordination of this utility work.

- G. The Contractor shall stockpile the existing top soil for use in re-vegetation of borrow pits and roadway slopes to the fullest extent possible when required in the bid schedule or other permit requirements issued under the permitting office. Do not carry out clearing and grubbing operations until the Contractor's surveyor has cross sectioned the original ground on the roadway and has submitted the data for review and the Contractor has been given approval in writing. For borrow pits, the overburden top soil must be removed first before cross sections can be taken. See section 204.08 & 204.16(b) of the FP-2014.
- H. The Contractor's camp site and construction yard shall be kept clean and free of litter at all times to prevent debris and litter from entering bodies of water. All trash will be disposed of in accordance with State and USEPA regulations and all camp sites and construction yards shall be restored to their pre-construction condition or better at project completion in conformance with the permit requirements and applicable tribal, state, and federal laws.
- I. Oils, lubricant, fuel, and hydraulic fluids shall be stored in sealed containers or in facilities that meet EPA regulations for prevention of environmental contamination.
- J. Any welding called for (except tack welding) on any structural member (member designed to carry or resist traffic or pedestrian loads) shall be subject to visual inspection and magnetic particle testing by an AWS Certified Welding Inspector and shall pass such testing prior to acceptance of the work unless otherwise directed by the Government. All inspection, equipment, materials and incidentals required for the testing, inspection, and reporting by an AWS Certified Welding Inspector shall be included in the individual bid items.

11. Environmental NOI Requirements:

Certain environmental clearances, Best Management Practices, and Clean Water Act permits are attached in Exhibit I of these contract documents as reflected in the design plans in accordance with section 107.01 of the FP-2014. The Government shall be responsible for those mitigation measures required by the NEPA documents that are not covered in this contract. The Contractor is responsible for all environmental permits associated with the Contractor's construction operations.

Both the Contractor and Owner/Government are jointly responsible for filing **Notice of Intent** (unless otherwise directed by the Government or as defined elsewhere in this contract) to begin construction under the National Pollution Discharge Elimination System (NPDES) permit requirements to USEPA. Under this permit process the Contractor is required to and shall:

- A. Prepare for review and approval a Storm Water Pollution Prevention Plan (SWPPP) per section 157 and the requirements in Exhibit I.
- B. When the SWPPP is approved, the Government will have the project Owner file **Notice of Intent** and a copy of the notice shall be provided to the Contractor to file with his Notice.
- C. Once the Contractor receives notice that his SWPPP is approved, he shall prepare the Contractor NPDES Permit **Notice of Intent** form in Exhibit I and submit an NOI to the USEPA no later than the 14-day waiting period prior to actual ground disturbance per the 2017 CGP. The USEPA will mail back a copy of the permit for the project and a copy shall be furnished to the Government to insure compliance.
- D. At completion of the project and final inspection has been performed, the Contractor shall then prepare and submit to the USEPA a **Notice of Termination** with a copy submitted to the Government to insure compliance.

Note: The above forms can also be found on the USEPA's home page:

<https://www.epa.gov/npdes/submitting-notice-intent-noi-notice-termination-not-or-low-erosivity-waiver-lew-under>

12. **Contract Clauses:**

The following Clauses are applicable to this Construction Contract:

Clause NN-236-1: Performance of Work by the Contractor:

The Prime Contractor shall perform on the site, and with its own organization, work equivalent to at least **50%** percent of the total dollar amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Government determines that the reduction would be to the advantage of the Government.

Clause NN-222-6 Construction Wage Rate Requirements (Davis Bacon Act):

See Exhibit H for the Wage determination for this construction contract.

(a) Definition - Site of the work –

(1) Means -

- (i) The primary site of the work. The physical place or places where the construction called for in the contract will remain when work on it is completed; and
- (ii) The secondary site of the work, if any. Any other site where a significant portion of the building or work is constructed, provided that such site is -
 - (A) Located in the United States; and
 - (B) Established specifically for the performance of the contract or project;

(2) Except as provided in paragraph (3) of this definition, includes any fabrication plants, mobile factories, batch plants, borrow pits, job headquarters, tool yards, etc., provided -

- (i) They are dedicated exclusively, or nearly so, to performance of the contract or project; and
- (ii) They are adjacent or virtually adjacent to the “primary site of the work” as defined in paragraph (a)(1)(i), or the “secondary site of the work” as defined in paragraph (a)(1)(ii) of this definition;

(3) Does not include permanent home offices, branch plant establishments, fabrication plants, or tool yards of a Contractor or subcontractor whose locations and continuance in operation are determined wholly without regard to a particular Federal contract or project. In addition, fabrication plants, batch plants, borrow pits, job headquarters, yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the Project site, are not included in the “site of the work.” Such permanent, previously established facilities are not a part of the “site of the work” even if the operations for a period of time may be dedicated exclusively or nearly so, to the performance of a contract.

(b)

(1) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, or as may be incorporated for a secondary site of the work, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Any wage determination incorporated for a secondary site of the work shall be effective from the first day on which work under the contract was performed at that site and shall be incorporated without any adjustment in contract price or estimated cost. Laborers employed by the construction Contractor or construction subcontractor that are transporting portions of the building or work between the secondary site of the work and the primary site of the work shall be paid in accordance with the wage determination applicable to the primary site of the work.

(2) Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Construction Wage Rate Requirements statute on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (e) of this clause; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such period.

(3) Such laborers and mechanics shall be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill, except as provided in the clause entitled Apprentices and Trainees. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked

therein; provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

(4) The wage determination (including any additional classifications and wage rates conformed under paragraph (c) of this clause) and the Construction Wage Rate Requirements (Davis-Bacon Act) poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the primary site of the work and the secondary site of the work, if any, in a prominent and accessible place where it can be easily seen by the workers.

(c)

(1) The Government shall require that any class of laborers or mechanics, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The Government shall approve an additional classification and wage rate and fringe benefits therefor only when all the following criteria have been met:

- (i) The work to be performed by the classification requested is not performed by a classification in the wage determination.
- (ii) The classification is utilized in the area by the construction industry.
- (iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (iv) With respect to helpers, such a classification prevails in the area in which the work is performed.

(2) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Government agree on the classification and wage rate (including the amount designated for fringe benefits, where appropriate), a report of the action taken shall be sent by the Government to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator or an authorized representative will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Government or will notify the Government within the 30-day period that additional time is necessary.

(3) In the event the Contractor, the laborers or mechanics to be employed in the classification, or their representatives, and the Government do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Government shall refer the questions, including the views of all interested parties and the recommendation of the Government, to the Administrator of the Wage and Hour Division for Determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Government or will notify the Government within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits, where appropriate) determined pursuant to subparagraphs (c)(2) and (c)(3) of this clause shall be paid to all workers performing work

in the classification under this contract from the first day on which work is performed in the classification.

(d) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(e) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program; provided, that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Construction Wage Rate Requirements statute have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

Clause NN-236-21: Specifications and Drawings for Construction:

(a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Government access thereto. Anything mentioned in the specifications and not shown on the drawings or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in the figures, in the drawings, or in the specifications, the matter shall be promptly submitted to the Government, who shall promptly make a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Engineer of Record shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

(b) Wherever in the specifications or upon the drawings the words directed, required, ordered, designated, prescribed, or words of like import are used, it shall be understood that the direction, requirement, order, designation, or prescription, of the Government is intended and similarly the words approved, acceptable, satisfactory, or words of like import shall mean approved by, or acceptable to, or satisfactory to the Government, unless otherwise expressly stated.

(c) Where as shown, as indicated, as detailed, or words of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word provided as used herein shall be understood to mean provide complete in place that is furnished and installed.

Clause NN-248-3: Value Engineering Construction:

(a) General. The Contractor is encouraged to develop, prepare, and submit value engineering change proposals (VECP's) voluntarily. The Contractor shall share in any instant contract savings realized from accepted VECP's, in accordance with paragraph (f) below.

(b) Definitions. Collateral costs, as used in this clause, means agency costs of operation, maintenance, logistic support, or Government-furnished property.

Collateral savings, as used in this clause, means those measurable net reductions resulting from a VECP in the agency's overall projected collateral costs, exclusive of acquisition savings, whether or not the acquisition cost changes.

Contractor's development and implementation costs, as used in this clause, means those costs the Contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the Contractor incurs to make the contractual changes required by Government acceptance of a VECP.

Government costs, as used in this clause, means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistic support. The term does not include the normal administrative costs of processing the VECP.

Instant contract savings, as used in this clause, means the estimated reduction in Contractor cost of performance resulting from acceptance of the VECP, minus allowable Contractor's development and implementation costs, including subcontractors' development and implementation costs (see paragraph (h) below).

Value engineering change proposal (VECP) means a proposal that -

- (1) Requires a change to this, the instant contract, to implement; and
- (2) Results in reducing the contract price or estimated cost without impairing essential functions or characteristics; provided, that it does not involve a change -
 - (i) In deliverable end item quantities only; or
 - (ii) To the contract type only.

(c) VECP preparation. As a minimum, the Contractor shall include in each VECP the information described in subparagraphs (1) through (7) below. If the proposed change is affected by contractually required configuration management or similar procedures, the instructions in those procedures relating to format, identification, and priority assignment shall govern VECP preparation. The VECP shall include the following:

- (1) A description of the difference between the existing contract requirement and that proposed; the comparative advantages and disadvantages of each, a justification when an item's function or characteristics are being altered, and the effect of the change on the end item's performance.
- (2) A list and analysis of the contract requirements that must be changed if the VECP is accepted, including any suggested specification revisions.
- (3) A separate, detailed cost estimate for (i) the affected portions of the existing contract requirement and (ii) the VECP. The cost reduction associated with the VECP shall take into account the Contractor's allowable development and implementation costs, including any amount attributable to subcontracts under paragraph (h) below.
- (4) A description and estimate of costs the Government may incur in implementing the VECP, such as test and evaluation and operating and support costs.

(5) A prediction of any effects the proposed change would have on collateral costs to the agency.

(6) A statement of the time by which a contract modification accepting the VECP must be issued in order to achieve the maximum cost reduction, noting any effect on the contract completion time or delivery schedule.

(7) Identification of any previous submissions of the VECP, including the dates submitted, the agencies and contract numbers involved, and previous Government actions, if known.

(d) Submission. The Contractor shall submit VECP's to the Construction Manager at the worksite, providing a copy for the Contracting Officer.

(e) Government action.

(1) The Contracting Officer (CO) will notify the Contractor of the status of the VECP within 45 calendar days after the contracting office receives it. If additional time is required, the Contracting Officer will notify the Contractor within the 45-day period and provide the reason for the delay and the expected date of the decision. The Government will process VECP's expeditiously; however, it will not be liable for any delay in acting upon a VECP.

(2) If the VECP is not accepted, the Contracting Officer will notify the Contractor in writing, explaining the reasons for rejection. The Contractor may withdraw any VECP, in whole or in part, at any time before it is accepted by the Government. The Contracting Officer may require that the Contractor provide written notification before undertaking significant expenditures for VECP effort.

(3) Any VECP may be accepted, in whole or in part, by the Contracting Officer's award of a modification to this contract citing this clause. The Contracting Officer may accept the VECP, even though an agreement on price reduction has not been reached, by issuing the Contractor a notice to proceed with the change. Until a notice to proceed is issued or a contract modification applies a VECP to this contract, the Contractor shall perform in accordance with the existing contract. The decision to accept or reject all or part of any VECP is a unilateral decision made solely at the discretion of the Contracting Officer.

(f) Sharing.

(1) Rates. The Government's share of savings is determined by subtracting Government costs from instant contract savings and multiplying the result by (i) 45 percent for fixed-price contracts or (ii) 75 percent for cost-reimbursement contracts.

(2) Payment. Payment of any share due the Contractor for use of a VECP on this contract shall be authorized by a modification to this contract to -

(i) Accept the VECP;

(ii) Reduce the contract price or estimated cost by the amount of instant contract savings; and

(iii) Provide the Contractor's share of savings by adding the amount calculated to the contract price or fee.

(g) Collateral savings. If a VECP is accepted, the Contracting Officer will increase the instant contract amount by 20 percent of any projected collateral savings determined to be realized in a typical year of use after subtracting any Government costs not previously offset. However, the Contractor's share of collateral savings will not exceed the contract's firm-fixed-price or estimated

cost, at the time the VECP is accepted, or \$100,000, whichever is greater. The Contracting Officer is the sole determiner of the amount of collateral savings.

(h) Subcontracts. The Contractor shall include an appropriate value engineering clause in any subcontract of \$70,000 or more and may include one in subcontracts of lesser value. In computing any adjustment in this contract's price under paragraph (f) above, the Contractor's allowable development and implementation costs shall include any subcontractor's allowable development and implementation costs clearly resulting from a VECP accepted by the Government under this contract, but shall exclude any value engineering incentive payments to a subcontractor. The Contractor may choose any arrangement for subcontractor value engineering incentive payments; provided that these payments shall not reduce the Government's share of the savings resulting from the VECP.

(i) Data. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts:

“These data, furnished under the Value Engineering proposal, shall not be disclosed outside the Government or duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate a value engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations.”

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the contract modification implementing the VECP and shall appropriately mark the data. (The terms unlimited rights and limited rights are defined in part 27 of the Federal Acquisition Regulation.)

Before undertaking significant expenditures, provide the CO with a written description of the value engineering change proposal (VECP) concept. Within 14 days, the CO will inform the Contractor as to whether the concept appears to be viable or if the concept is unacceptable. If the CO indicates (in writing) that the concept appears to be viable, prepare and submit the formal VECP proposal. Off the shelf product substitutions that are widely available to the local industry are not considered a VECP. This includes, but not limited to, drainage pipe coatings or change in type or size; erosion control mats of various types; products made and available in both steel or concrete such as cattle guards; fencing post coatings or types; sign posts or types; traffic control signs or types; other traffic control devices readily available; and products made from commonly used materials that are available in the industry as a substitute for the product call for in the contract.

EXHIBIT D

BID INSTRUCTIONS AND SCHEDULE

NOTICE TO BIDDER:

- **See Section 102.02 of the FP-2014 (Exhibit F) and below for Preparation of Bids instructions**
- Please reference Clause NN-236-1, Performance of Work by the Contractor in Exhibit C as to the percent of the total dollar amount of work to be performed by the Prime Contractor under the contract.
- All bonding, overhead, and profit are to be included in each unit bid price.
- Navajo Nation Tribal Taxes and/or Local Taxes for construction work on the Navajo Indian Reservation shall be shown separately on the bid and withheld from payment as described in Section 6.10 of Exhibit A. Bidders are responsible to inquire of any and all Tribal Taxes that may be applicable to this solicitation. For more information regarding Tribal Taxes contact:
The Navajo Nation
Office of the Navajo Tax Commission
P.O. Box 1903
Window Rock, Arizona, 86515
(928) 871-6681 or 6683
- The following items shall be submitted as part of the Contractor's response. Please refer to the Request for Proposal for complete instructions.
 - Letter of Interest
 - Certificates of Insurance
 - Bonds
 - Scope of Work including: roles and responsibilities, manpower, timelines, listing of equipment and products.
 - Communication Protocol
 - References
 - Certification of Navajo Business
 - Addendum Acknowledgement
 - Bid Form
 - Required Contract Forms

Clause NN-214-18: Preparation of Bids

Execute and submit all required standard forms, bid schedules, and solicitation provisions contained in the solicitation as part of the bid. The person signing a bid must initial each erasure or change appearing on any bid form.

Complete SF-1442, Solicitation, Offer, and Award (*see Exhibit E for forms*), and sign as follows:

(a) Individuals. Sign your individual signature. For individuals doing business as a firm, follow the individual signature with the individual's typed, stamped, or printed name and the words, "an individual doing business as _____ (*name of firm*) _____."

(b) Partnerships. Submit a list of all partners having authority to bind the partnership. One of the listed partners must sign on behalf of the partnership.

(c) Corporations. Sign in the corporate name, followed by the word "by" and the signature and title of the person authorized to sign. Submit evidence from the corporation that the person signing has authority to bind the corporation.

(d) Joint ventures. Submit a copy of the Joint Venture agreement. Sign the Contract Agreement and SF-1442 according to the Joint Venture agreement.

(e) Limited liability company. Sign in the company name, followed by the word “by” and the signature of the person authorized to sign. Submit evidence that the individual executing the document has authority to bind the company.

(f) Agents. When an agent signs, other than as stated in (a) through (e) above, furnish satisfactory evidence that the agent has authority to bind the bidder.

Bid Schedule: Insert a unit bid price, in figures, for each pay item for which a quantity appears in the bid schedule. Multiply the unit bid price by the quantity for each pay item and show the amount bid. Should any mathematical check made by the Government show a mistake in the amount bid, the corrected unit price extension shall govern.

When the words "lump sum" appear as a unit bid price, insert an amount bid for each lump sum pay item.

When the words "*contingent sum*" or "*fixed rate*" appears as a unit bid price, include the Government inserted amount bid for the item in the total bid amount if not already filled in.

Total all of the amounts bid for each pay item and show the total bid amount.

The quantities shown in the bid schedule are approximate, unless designated as a contract quantity, and are used for the comparison of bids. Payment will be made for the actual quantities of work performed and accepted or material furnished according to the contract. The scheduled quantities may be increased, decreased, or deleted. Bid schedule quantities are considered the original contract quantities.

Clause NN-228-1: Bid Guarantee

Submit the bid guarantee on Bid Form SF-24, Bid Bond (see Exhibit E for forms):

(a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, will be cause for rejection of the bid.

(b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Government will return bid guarantees, other than bid bonds.

(1) To unsuccessful bidders as soon as practicable after the opening of bids; and

(2) To the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.

(c) The amount of the bid guarantee shall be **ten (10)** percent of the bid price per Navajo Nation Procurement Code 12 N.N.C. §341 Bid Security.

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Government may terminate the contract for default.

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(f) If the bid guarantee is other than a corporate or individual surety, sign the SF-24 as the principal and make a statement on the form pledging the security. Make checks or money orders payable to the agency issuing the solicitation.

(g) *Power of attorney.* A corporate surety shall submit a current power of attorney for the signing agent or attorney-in-fact with each bid bond.

(h) *Evidence of guarantee assistance.* A surety that has a guarantee of assistance from the Small Business Administration shall submit a copy of its "*Surety Bond Guarantee Agreement*" with each SF-24 bid bond form. In addition, submit a power of attorney for the surety representative identified in the agreement.

Clause NN-228-11: Individual Surety

See Exhibit E for forms to use under this clause.

(a) Offerors shall obtain from each person acting as an individual surety on a bid guarantee, a performance bond, or a payment bond -

- (1) Pledge of assets; and
- (2) Standard Affidavit of Individual Surety.

(b) Pledges of assets from each person acting as an individual surety shall be in the form of -

- (1) Evidence of an escrow account containing cash, certificates of deposit, commercial or Government securities, or other assets with respect to Government securities held in book entry form; and/or
- (2) A recorded lien on real estate. The offeror will be required to provide -
 - (i) A mortgagee title insurance policy, in an insurance amount equal to the amount of the lien, or other evidence of title that is consistent with the requirements of Section 2 of the United States Department of Justice Title Standards at http://www.justice.gov/enrd/ENRD_Assets/Title_Standards_2001.pdf. This title evidence must show fee simple title vested in the surety along with any concurrent owners; whether any real estate taxes are due and payable; and any recorded encumbrances against the property, including the lien filed in favor of the Government.
 - (ii) Evidence of the amount due under any encumbrance shown in the evidence of title;
 - (iii) A copy of the current real estate tax assessment of the property or a current appraisal dated no earlier than 6 months prior to the date of the bond, prepared by a professional appraiser who certifies that the appraisal has been conducted in accordance with the generally accepted appraisal standards as reflected in the Uniform Standards of Professional Appraisal Practice, as promulgated by the Appraisal Foundation.

Complete and date the SF-28, Affidavit of Individual Surety form, after the solicitation date. The individual surety shall personally sign this Affidavit. Execution by power of attorney is not acceptable. Bidders cannot serve as their own surety. Assets named shall be committed to the project with a bank designated to serve as trustee.

After reviewing the SF-28, Affidavit of Individual Surety form, the surety may be requested to provide further documentation with respect to any of its assets, debts, or encumbrances. The information may be required to be furnished under oath. Failure of the surety to respond with the requested documentation within 7 days of receipt of the request is cause for rejection of the surety.

Any material misstatement by the surety, overstatement of assets (either as to ownership or value) or understatement of liabilities is cause for rejection of the surety. Substitution of individual sureties to support a bid bond after the bid opening will not be permitted.

Clause NN-228-15: Performance and Payment Bonds

See Exhibit E for forms to use under this clause.

(a) The successful offeror shall furnish performance and payment bonds to the Government as detailed in Article 5.1 of Exhibit A.

(b) The requirements contained in Subsections 102.03 and 102.04 of the FP-14 relating to power of attorney, evidence of guarantee assistance, and individual sureties also apply to performance and payment bonds.

(c) Furnishing executed bonds. The Contractor shall furnish all executed bonds, including any necessary reinsurance agreements, to the Government, within the time period specified in the Bid Guarantee provision of the solicitation, or otherwise specified by the Government, but in any event, before starting work.

(d) Surety or other security for bonds. The bonds shall be in the form of firm commitment, supported by corporate sureties whose names appear on the list contained in Treasury Department Circular 570, individual sureties, or by other acceptable security such as postal money order, certified check, cashier's check, irrevocable letter of credit, or, in accordance with Treasury Department regulations, certain bonds or notes of the United States. Treasury Circular 570 is published in the Federal Register or at <http://www.fms.treas.gov/c570/>.

(e) Notice of subcontractor waiver of protection (40 U.S.C. 3133(c)). Any waiver of the right to sue on the payment bond is void unless it is in writing, signed by the person whose right is waived, and executed after such person has first furnished labor or material for use in the performance of the contract.

Clause NN-214-10: Sealed Bidding and Submission of Bids

(a) The Government will evaluate bids in response to this solicitation as described in the Request for Proposals and will award a contract to the responsible bidder following the Navajo Nation Procurement Act and Regulations. Refer to 12 N.N.C §332 Competitive Sealed Proposals.

(b) The Government may (1) reject any or all bids, (2) accept other than the lowest bid, and (3) waive informalities or minor irregularities in bids received.

(c) The Government may accept any item or group of items of a bid, unless the bidder qualifies the bid by specific limitations. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the bidder specifies otherwise in the bid.

- (d) The Government may reject a bid as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the Government even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.
- (e) Bids and bid modifications shall be submitted in sealed envelopes or packages (unless Government allows submissions by electronic means) (1) addressed to the office specified in the solicitation, and (2) showing the time and date specified for receipt, the solicitation number, and the name and address of the bidder.
- (f) Bidders using commercial carrier services shall ensure that the bid is addressed and marked on the outermost envelope or wrapper as prescribed in subparagraphs (e) (1) and (2) of this provision when delivered to the office specified in the solicitation.
- (g) Facsimile bids, modifications, or withdrawals will not be considered unless authorized by the solicitation.
- (h) Bids submitted by electronic commerce shall be considered only if the electronic commerce method was specifically stipulated or permitted by the solicitation.



**BID SCHEDULE
NAVAJO NATION DIVISION OF TRANSPORTATION**

PROJECT: N55(1-2)4

Date: May 12, 2025

LENGTH: 8.26 miles

ITEM	DESCRIPTION	Quantity	Units	Unit Bid Price	Total Price
10901-0000	Extra & Miscellaneous Work - Authorized under Suppl. Spec. 109.02(s) of Exhibit F	All Required	Lump Sum	\$ 300,000.00	\$ 300,000.00
203200	UNSUITABLE MATERIAL EXCAVATION	2,000	CY	\$	\$
303000	BASE COURSE	925	TON	\$	\$
407000	ASPHALT MATERIAL FOR TACK COAT	50	TON	\$	\$
408100	PRIME COAT MATERIAL	6	TON	\$	\$
411000	HOT POURED CRACK SEALING	8	MI	\$	\$
414001	COLD MILLING (ASPHALT)	22,750	SY	\$	\$
423283	HMA SP IV COMPLETE (2" OVERLAY)	14,600	TON	\$	\$
423283	HMA SP IV COMPLETE (3" BOTTOM LIFT)	440	TON	\$	\$
407001	FOG SEAL	95	TON	\$	\$
601100	REMOVAL OF SURFACING	LS	LS	\$	\$
618000	TRAFFIC CONTROL MANAGEMENT	1	LS	\$	\$
621000	MOBILIZATION	1	LS	\$	\$
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	1	LS	\$	\$
704000	RETROFLECTORIZED PAVEMENT MARKINGS 4"	98,200	LF	\$	\$
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	1	LS	\$	\$

Subtotal: \$

Navajo Nation Tax (6%): \$

Total Bid Price: \$

Contractor Name

SCOPE-OF-WORK

The proposed work consists of furnishing all labor, material, equipment and incidentals necessary for construction of 8.26 miles of roadway excavation; milling, crack cleaning/sealing of the existing pavement surface; placement of aggregate base course, geogrid and asphalt pavement; striping, and other 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 Payment of FP-14. **The Unit Bid Price must include all overhead, profit, and bonding.**

EXHIBIT E

REQUIRED CONTRACT FORMS

The Bidder's shall fill out the forms herein and submit with their bids.

SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>		1. SOLICITATION NUMBER 	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) INVITATION FOR BID <input type="checkbox"/> NEGOTIATED (RFP) REQUEST FOR PROPOSAL	3. DATE ISSUED 	PAGE OF PAGES
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IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NUMBER	5. REQUISITION/PURCHASE REQUEST NUMBER	6. PROJECT NUMBER
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7. ISSUED BY 	CODE	8. ADDRESS OFFER TO
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9. FOR INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER <i>(Include area code) (NO COLLECT CALLS)</i>
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SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS *(Title, identifying number, date)*

11. The contractor shall begin performance within _____ calendar days and complete it within _____ **working** days after receiving
☐ award, ☐ notice to proceed. This performance period is ☐ mandatory ☐ negotiable. **(See** _____ **).**

12a. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES", indicate within how many calendar days after award in Item 12b.)</i> <input type="checkbox"/> YES <input type="checkbox"/> NO	12b. CALENDAR DAYS
--	--------------------

13. ADDITIONAL SOLICITATION REQUIREMENTS:

a. Sealed offers in original and _____ copies to perform the work required are due at the place specified in Item 8 by _____ **(hour)**
 local time _____ (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes
 containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

b. An offer guarantee ☐ is, ☐ is not required.

c. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

d. Offers providing less than _____ calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

15. TELEPHONE NUMBER (Include area code)

16. REMITTANCE ADDRESS (Include only if different than Item 14.)

CODE

FACILITY CODE

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13d. Failure to insert any number means the offeror accepts the minimum in Item 13d.)

AMOUNTS



See the Bid Schedule for Offeror's proposed bid amount.

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each)

AMENDMENT NUMBER										
DATE										

20a. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)

20b. SIGNATURE

20c. OFFER DATE

AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT

See the Bid Schedule for Contract Award Amount

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN
(4 copies unless otherwise specified)

ITEM

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO THE UNITED STATES
CODE AT☐ 10 U.S.C. 3204(a) () ☐ 41 U.S.C. 3304(a) ()

26. ADMINISTERED BY

27. PAYMENT WILL BE MADE BY

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.

☐ 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30a. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN
(Type or print)

31a. NAME OF CONTRACTING OFFICER (Type or print)

30b. SIGNATURE

30c. DATE

31b. UNITED STATES OF AMERICA

31c. DATE

BY

BID BOND <i>(See instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must not be later than bid opening date)</i>	OMB Control Number: 9000-0045 Expiration Date: 8/31/2025
Paperwork Reduction Act Statement - This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 9000-0045. We estimate that it will take 1 hour to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: General Services Administration, Regulatory Secretariat Division (M1V1CB), 1800 F Street, NW, Washington, DC 20405.		
PRINCIPAL <i>(Legal name and business address)</i>		TYPE OF ORGANIZATION <i>("X" one)</i> <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION <input type="checkbox"/> OTHER <i>(Specify)</i>
		STATE OF INCORPORATION

SURETY(IES) *(Name and business address)*

PENAL SUM OF BOND					BID IDENTIFICATION	
PERCENT OF BID PRICE	AMOUNT NOT TO EXCEED				BID DATE	INVITATION NUMBER
	MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS	FOR <i>(Construction, Supplies or Services)</i>	

OBLIGATION:

We, the Principal and Surety(ies) are firmly bound to the **Navajo Nation** (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:

The Principal has submitted the bid identified above.

THEREFORE:

The above obligation is void if the Principal - (a) upon acceptance by the Government of the bid identified above, within the period specified therein for acceptance (sixty (60) days if no period is specified), executes the further contractual documents and gives the bond(s) required by the terms of the bid as accepted within the time specified (ten (10) days if no period is specified) after receipt of the forms by the principal; or (b) in the event of failure to execute such further contractual documents and give such bonds, pays the Government for any cost of procuring the work which exceeds the amount of the bid.

Each Surety executing this instrument agrees that its obligation is not impaired by any extension(s) of the time for acceptance of the bid that the Principal may grant to the Government. Notice to the surety(ies) of extension(s) is waived. However, waiver of the notice applies only to extensions aggregating not more than sixty (60) calendar days in addition to the period originally allowed for acceptance of the bid.

WITNESS:

The Principal and Surety(ies) executed this bid bond and affixed their seals on the above date.

PRINCIPAL				
SIGNATURE(S)	1.	2.	3.	Corporate Seal
	(Seal)	(Seal)	(Seal)	
NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	3.	

INDIVIDUAL SURETY(IES)		
SIGNATURE(S)	1.	2.
	(Seal)	(Seal)
NAME(S) <i>(Typed)</i>	1.	2.

CORPORATE SURETY(IES)				
SURETY A	NAME & ADDRESS	STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	

SURETY B	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		

INSTRUCTIONS

1. This form is authorized for use when a bid guaranty is required. Any deviation from this form will require the written approval of the Administrator of General Services.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. The bond may express penal sum as a percentage of the bid price. In these cases, the bond may state a maximum dollar limitation (e.g., 20% of the bid price but the amount not to exceed _____ dollars).
4. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitations listed therein. The value put into the LIABILITY LIMIT block is the penal sum (i.e., the face value) of the bond, unless a co-surety arrangement is proposed.

(b) When multiple corporate sureties are involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identifier corresponding to each of the sureties. Moreover, when co-surety arrangements exist, the parties may allocate their respective limitations of liability under the bond, provided that the sum total of their liability equals 100% of the bond penal sum.

(c) When individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28) for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capability.
5. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal"; and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
6. Type the name and title of each person signing this bond in the space provided.
7. In its application to negotiated contracts, the terms "bid" and "bidder" shall include "proposal" and "offeror."

Affidavit Of Individual Surety (See instructions on page 4)		OMB Control Number: 9000-0001 Expiration Date: 1/31/2027
State Of	County Of	ss.

I, the undersigned, being duly sworn, depose and say that I am: (1) the surety to the attached bond(s); (2) a citizen of the United States; and of full age and legally competent. Where the sureties are acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal. I recognize that statements contained herein concern a matter within the jurisdiction of an agency of the **Navajo Nation** and the making of a false, fictitious or fraudulent statement may render the maker subject to prosecution under Title 18, United States Code Sections 1001 and 494. This affidavit is made to induce the **Navajo Nation** to accept me as surety on the attached bond.

1. Name (First, Middle, Last) (Type or Print)	2A. Home Address (Number, Street, City, State, ZIP Code)	
3. Type And Duration Of Occupation	2B. Telephone Number	2C. Email Address
4A. Name And Address Of Employer (Number, Street, City, State, ZIP Code) (If self-employed, so state)	5A. Name And Address Of Individual Surety Broker Used (Number, Street, City, State, ZIP Code)	
	5B. Surety Broker Email Address	
4B. Employer Email Address	5C. Home Telephone Number	5D. Business Telephone Number
6A. Name And Address Of Financial Institution Submitting The Pledge Of Securities On Behalf Of Individual Surety (Number, Street, City, State, ZIP Code)	6B. Financial Institution Email Address	6C. Routing Transit Number (RTN)
	6D. Contact Person Name	6E. Contact Person Telephone Number
	6F. Contact Person Email Address	

7. The Following Is A True Representation Of The Assets I Have Pledged To The **Navajo Nation** In Support Of The Attached Bond. (List The Committee On Uniform Securities Identification Procedures (CUSIP) Number And Par (Face) Amount Of Each Security).

-
8. Identify All Liens, Judgements, Or Any Other Encumbrances Involving Subject Assets.

9. Identify All Bonds, Including Bid Guarantees, For Which The Subject Assets Have Been Pledged Within Three Years Prior To The Date Of Execution Of This Affidavit.

Documentation Of The Pledged Asset Must Be Attached.

10. Signature	11. Bond And Contract To Which This Affidavit Relates (where appropriate)
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12. Subscribed And Sworn To Before Me As Follows:			Official Seal
a. Date Oath Administered	b. City And State (or other jurisdiction)		
Month Day Year			
c. Name And Title Of Official Administering Oath (type or print)	d. Signature	e. My Commission Expires	

Instructions

1. Individual sureties on bonds executed in connection with Government contracts must complete and submit this form with the bond. (See Federal Acquisition Regulation (FAR) 28.203, 53.228(e).) The surety must have the completed form notarized.
2. No corporation, partnership, or other unincorporated association or firm, as such, is acceptable as an individual surety (i.e. must be a natural person). Likewise, members of a partnership are not acceptable as sureties on bonds that a partnership or an association, or any co-partner or member thereof, is the principal obligor. An individual surety will not include any financial interest in assets connected with the principal on the bond that this affidavit supports.
3. United States citizenship is a requirement for individual sureties for contracts and bonds when the contract is awarded in the **Navajo Nation**. However, when the Contracting Officer is located in an outlying area or a foreign country, the individual surety is only required to be a permanent resident of the area or country in which the contracting officer is located.
4. All signatures of the affidavit submitted must be originals. Affidavits bearing reproduced signatures are not acceptable. An authorized person must sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of a firm, partnership, or joint venture, or an officer of the corporation involved.

Paperwork Reduction Act Statement

This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 9000-0001. We estimate that it will take 0.3 hours to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: U.S. General Services Administration, Regulatory Secretariat Division (MVCB), 1800 F Street, NW, Washington, DC 20405.

PERFORMANCE BOND <i>(See instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must be same or later than date of contract)</i>	OMB Control Number: 9000-0045 Expiration Date: 8/31/2025
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Paperwork Reduction Act Statement - This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 9000-0045. We estimate that it will take 1 hour to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: General Services Administration, Regulatory Secretariat Division (M1V1CB), 1800 F Street, NW, Washington, DC 20405.

PRINCIPAL <i>(Legal name and business address)</i>	TYPE OF ORGANIZATION <i>("X" one)</i> <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION <input type="checkbox"/> OTHER <i>(Specify)</i>			
	STATE OF INCORPORATION			
SURETY(IES) <i>(Name(s) and business address(es))</i>	PENAL SUM OF BOND			
	MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS
	CONTRACT DATE		CONTRACT NUMBER	

OBLIGATION:

We, the Principal and Surety(ies), are firmly bound to the **Navajo Nation** (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:

The Principal has entered into the contract identified above.

THEREFORE:

The above obligation is void if the Principal-

- (a) (1) Performs and fulfills all the understanding, covenants, terms, conditions, and agreements of the contract during the original term of the contract and any extensions thereof that are granted by the Government, with or without notice of the Surety(ies) and during the life of any guaranty required under the contract, and
- (2) Performs and fulfills all the undertakings, covenants, terms, conditions, and agreements of any and all duly authorized modifications of the contract that hereafter are made. Notice of those modifications to the Surety(ies) are waived.
- (b) Pays to the Government the full amount of the taxes imposed by the Government, if the said contract is subject to 41 USC Chapter 31, Subchapter III, Bonds, which are collected, deducted, or withheld from wages paid by the Principal in carrying out the construction contract with respect to which this bond is furnished.


WITNESS:

The Principal and Surety(ies) executed this performance bond and affixed their seals on the above date.

PRINCIPAL					
SIGNATURE(S)	1.	2.	3.	Corporate Seal	
	(Seal)	(Seal)	(Seal)		
NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	3.	Corporate Seal	
INDIVIDUAL SURETY(IES)					
SIGNATURE(S)	1.	2.			
	(Seal)	(Seal)			
NAME(S) <i>(Typed)</i>	1.	2.			
CORPORATE SURETY(IES)					
SURETY A	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		

BOND PREMIUM 	RATE PER THOUSAND (\$)	TOTAL (\$)

INSTRUCTIONS

- This form is authorized for use in connection with Government contracts. Any deviation from this form will require the written approval of the Administrator of General Services.
- Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
- (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitations listed therein. The value put into the LIABILITY LIMIT block is the penal sum (i.e., the face value) of bonds, unless a co-surety arrangement is proposed.

 (b) When multiple corporate sureties are involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identifier corresponding to each of the sureties. Moreover, when co-surety arrangements exist, the parties may allocate their respective limitations of liability under the bonds, provided that the sum total of their liability equals 100% of the bond penal sum.

 (c) When individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28) for each individual surety shall accompany the bond. The government may require the surety to furnish additional substantiating information concerning its financial capability.
- Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the words "Corporate Seal", and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
- Type the name and title of each person signing this bond in the space provided.

PAYMENT BOND <i>(See instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must be same or later than date of contract)</i>	OMB Control Number: 9000-0045 Expiration Date: 8/31/2025			
Paperwork Reduction Act Statement - This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 9000-0045. We estimate that it will take 1 hour to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: General Services Administration, Regulatory Secretariat Division (M1V1CB), 1800 F Street, NW, Washington, DC 20405.					
PRINCIPAL <i>(Legal name and business address)</i>		TYPE OF ORGANIZATION ("X" one) <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION <input type="checkbox"/> OTHER <i>(Specify)</i>			
		STATE OF INCORPORATION			
SURETY(IES) <i>(Name(s) and business address(es))</i>		PENAL SUM OF BOND			
		MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS
		CONTRACT DATE		CONTRACT NUMBER	

OBLIGATION:

We, the Principal and Surety(ies), are firmly bound to the **Navajo Nation** (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:

The above obligation is void if the Principal promptly makes payment to all persons having a direct relationship with the Principal or a subcontractor of the Principal for furnishing labor, material or both in the prosecution of the work provided for in the contract identified above, and any authorized modifications of the contract that subsequently are made. Notice of those modifications to the Surety(ies) are waived.

WITNESS:

The Principal and Surety(ies) executed this payment bond and affixed their seals on the above date.

PRINCIPAL					
SIGNATURE(S)	1.	2.	3.	Corporate Seal	
	(Seal)	(Seal)	(Seal)		
NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	3.		
INDIVIDUAL SURETY(IES)					
SIGNATURE(S)	1.		2.		
	(Seal)		(Seal)		
NAME(S) <i>(Typed)</i>	1.		2.		
CORPORATE SURETY(IES)					
SURETY A	NAME & ADDRESS	STATE OF INCORPORATION		LIABILITY LIMIT	Corporate Seal
				\$	
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INCORPORATION	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		

INSTRUCTIONS

1. This form, for the protection of persons supplying labor and material, is used when a payment bond is required under 40 USC Chapter 31, Subchapter III, Bonds. Any deviation from this form will require the written approval of the Administrator of General Services.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitations listed therein. The value put into the LIABILITY LIMIT block is the penal sum (i.e., the face value) of the bond, unless a co-surety arrangement is proposed.

 (b) When multiple corporate sureties are involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identifier corresponding to each of the sureties. Moreover, when co-surety arrangements exist, the parties may allocate their respective limitations of liability under the bonds, provided that the sum total of their liability equals 100% of the bond penal sum.

 (c) When individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28) for each individual surety shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capability.
4. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the words "Corporate Seal", and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
5. Type the name and title of each person signing this bond in the space provided.

Affidavit of Non-Collusion

BIDDER: _____ TELEPHONE: (_____) _____

ADDRESS: _____

The Bidder shall execute this Certification of Bidder. I _____ hereby affirm as a condition to the Government's execution of this Contract that I have not either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the Bid for this Contract

Further affiant sayeth not.

Title: _____

Bidder (print): _____

Bidder Signature: _____

STATE OF _____)

COUNTY OF _____)

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS:

_____ day of _____ 20____

Notary Public _____

My Commission Expires: _____

Failure to comply with the completion and timely submission of the Affidavit of Non-Collusion shall result in the Bidder's Bid being rejected as non-responsive.

EXHIBIT F

**STANDARD SPECIFICATION FOR CONSTRUCTION
OF ROADS AND BRIDGES ON FEDERAL HIGHWAY
PROJECTS, **FP-14****

& SUPPLEMENTAL SPECIFICATIONS

The **FP-14** book is available in electronic format at
<https://flh.fhwa.dot.gov/resources/specs/fp-14/fp14.pdf>

The bid items for N55 shall be constructed following the NMDOT 2019
standard specifications, special provisions and Supplemental Specifications
contained herein.

The NMDOT 2019 STANDARD SPECIFICATIONS FOR HIGHWAY AND
BRIDGE CONSTRUCTION is available in electronic format at
[https://www.dot.nm.gov/infrastructure/plans-specifications-estimates-pse-
bureau/standards/](https://www.dot.nm.gov/infrastructure/plans-specifications-estimates-pse-bureau/standards/)

SUPPLEMENTAL SPECIFICATIONS

SECTION 101 - TERMS, FORMAT, AND DEFINITIONS

101. 04 **Definitions:** The following terms with their respective definitions are added, or redefined, as supplement to Article 1 of Exhibit A:

Contracting Officer (CO). -- Wherever the term "Contracting Officer" or "CO" is used in Division 100, the construction plans, or elsewhere in the specifications and contract documents, it is referred to as the Navajo Nation President who has the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the CO.

Construction Manager (CM). -- The CM is the duly authorized resident project site representative of the Contracting Officer (CO), and will act for the CO in administering the contract at the project site. The CM's duties and responsibilities are delineated by letter from the CO to the CM with a copy sent to the Contractor. The CM does not have any authority to make changes to the contract, or direct any of the work; only those duties and responsibilities as authorized by the CO and/or as provided for in the contract documents.

Engineer (Engineer of Record). -- The Engineer is the duly authorized Engineer of Record of the Contracting Officer (CO), and will act for the CO in the technical aspects of the contract. The Engineer's duties and responsibilities are delineated by letter from the CO to the CM and Engineer with a copy sent to the Contractor. The Engineer does not have any authority to make changes to the contract, or direct any of the work; only those duties and responsibilities related to the designs and interpretation of the design requirements including any design changes as authorized by the CO and/or as provided for in the contract documents.

NDOT. -- Wherever the term "NDOT" is used in the FP-14 supplemental specifications or other contract documents, it refers to the Navajo Nation Division of Transportation.

Government. -- The term "Government" refers to the Navajo Nation through the Contracting Officer (CO).

Owner. -- The term "Owner" refers to the owner of the project or facility being built.

Major Floods. Major floods are define as wide spread flooding encompassing and inundating an area of 1300 hectares or more with water and debris within and adjacent to the project site.

The definition for the word "Unsuitable" is superseded with the following:

Unsuitable or Deleterious Material – Defined as Material not capable of providing stable foundations, embankments, drainage structure installations, retaining wall construction, or roadbeds. Unsuitable material may include muck, sod, or soils with high organic and/or high PH (low resistivity) contents depending upon the materials proposed use on the project.

Staked Limits – Staked limits is the final subgrade catch points as reflected on the Government furnished staking notes and adjusted by the surveyor to fit actual field conditions.

rev: 12/19/17

Section 102. — BID, AWARD, AND EXECUTION OF CONTRACT

Section 102 is superseded with the following:

102.01 Acquisition Regulations. Bid, award, and execution of the contract are governed by 12 N.N.C §332 Competitive Sealed Proposals, Article 5 of Exhibit A and Exhibit D.

102.02 Preparation of Bids. Preparation of Bids shall be in accordance with this Section 102 and Bid Instructions/Bid Schedule of Exhibit D.

102.03 Bid Guarantee. Bid Guarantee shall be in accordance with Article 5 of Exhibit A and Clause NN-228-1 from the Bid Instructions of Exhibit D.

102.04 Individual Surety. Individual Surety shall be in accordance with Article 5 of Exhibit A and Clause NN-228-11 from the Bid Instructions of Exhibit D.

102.05 Opening of Bids. Bids will be opened by the Government and evaluated as specified in the Request for Proposals. The Government reserves the right to reject bids as set forth in the requirements of section 102.01.

102.06 Performance and Payment Bonds. Performance and Payment Bond shall be in accordance with Article 5 of Exhibit A and Clause NN-228-15 from the Bid Instructions of Exhibit D.

Use SF-25, Performance Bond, and SF-25A, Payment Bond, for submitting the bonds.

The requirements contained in Subsections 102.03 and 102.04 relating to power of attorney, evidence of guarantee assistance, and individual sureties also apply to performance and payment bonds.

102.07 Federal, State, and Local Taxes. Federal, State and Local Taxes shall be in accordance with Article 6.10 of the Standard General Conditions, Exhibit A.

rev: 1/31/18

SECTION 103- SCOPE OF WORK

Subsection 103.03 is superseded with the following:

103.03 Value Engineering. See Clause NN-248-3 of the Special Contract Requirements Exhibit C.

103.05 Partnering.

The third paragraph is superseded with the following:

If the partnering offer is accepted, mutually agree with the Government on the level of organizational involvement and the need for a professional to facilitate the partnering process. The Contractor shall engage a qualified facilitator and other resources for key Contractor and Government staff to attend a partnership development and team-building workshop at least 30 days prior to given "Notice to Proceed". Hold additional progress meetings upon mutual agreement.

To ensure that all the work under this contract including any special contract requirements are adequately addressed and properly coordinated, attendance at the first partnering meeting shall include the Contractor's Construction Manager, Project Superintendent, Project Foremen, Sub-contractor representatives, and Supplier representatives, QCM, and Contractor Surveyors. The Government key personnel that may attend the first partnering meeting are NDOT Executive Staff, Construction Manager, QAM, Inspectors, Engineer and/or technicians, and utility representatives as required. The above key personnel shall attend any other subsequent meeting(s) deemed necessary by both parties.

The Government may invite utility owners, environmental and archeological staff to the first partnering meeting and/or any other subsequent meeting(s) as deemed necessary.

rev: 11/13/23

SECTION 104 - CONTROL OF WORK

This section 104 supplements Article 6.11 of Exhibit A

104.03 Specifications and Drawings:

The first sentence is superseded with the following:

Follow the requirements of clause NN-236-21 of Exhibit C.

104.04 Coordination of Contract Documents:

The last sentence is superseded with the following:

The contract documents govern in the following order:

- (a) Navajo Nation Procurement Code 12- N.N.C. §301 - 371
- (b) 25 CFR Part 170, as amended
- (c) Agreement between Government and Contractor for Construction Contract (Fixed Price)
- (d) Standard General Conditions (Exhibit A)
- (e) Project Specific Supplemental General Conditions (Exhibit B)
- (f) Special Contract Requirements (Exhibit C) and Environmental Requirements & Permits (Exhibit I)
- (g) Supplemental Specifications to the FP-14 (Exhibit F)
- (h) Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 (Exhibit F)
- (i) Project Design Plans (Exhibit G)

rev: 10/31/19

SECTION 105. – CONTROL OF MATERIAL

105.01 Source of Supply and Quality Requirements.

The first sentence is superseded with the following:

Follow the requirements of Article 6.3 of Exhibit A.

rev: 01/18/18

SECTION 106 - ACCEPTANCE OF WORK

- 106.01** **Conformity with Contract Requirements.** Add the following sentence: Section 106 supplements Article 13 of Exhibit A.

Add the following:

All applicable sections in the latest edition (as referenced in the FP-14) with updates of the Federal Lands Highway, Field Materials Manual (FLHFM) shall apply to the work under this contract. If any requirements in the FLHFM conflict in either the FP-14, or these supplemental specifications, then the FP-14 and these supplemental specifications shall prevail.

- 106.04** **Measured or Tested Conformance.**

The second paragraph of this section is superseded with the following:

Results from Contractor inspection or testing shall have values within the specified tolerances or specification limits. Results from Government verification testing and inspection (as specified in the contract) shall be used to support or reject the work incorporated into the project as specified within the tolerances and/or specified limits within the contract. When no tolerance values are identified in the contract, the work shall be inspected, tested, and accepted based on customary manufacturing and construction standards.

- 106.05** **Statistical Evaluation of Work for Acceptance and Determination of Pay Factor (Value of Work).**

The first sentence of paragraph (a) is superseded with the following:

- (a) General.** For work accepted based on statistical evaluation, both the Government and Contractor assume some risk. Unless otherwise specified in the contract, it is the responsibility of the Construction Manager and/or Engineer of record to conduct the analysis described, and to provide the Contractor with the results that shall be used for determination of acceptance of the work and pay factors based under this section.

rev: 01/18/18

SECTION 107 - LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

107.02 **Protection and Restoration of Property and Landscape.** This section 107 supplements Article 6.11 of Exhibit A.

Add the following to paragraph three:

Unless otherwise modified in writing by the Construction Manager, the construction clearing limits shall be (depending upon the type of project) the cut or fill limits shown on the plan and profile drawings, or staking notes provided plus 10 feet (3 m), or the new Typical Section width plus 10 feet (3 m) for pavement rehabilitation projects. At bridges, culverts, furrow ditches, turnouts, existing road obliteration, fencing or other structures the limits shall be the minimum needed to construct the improvement as determined by the Government. In no case shall any work be done outside the right-of-way limits (not already called for in the design plans) without prior approval from the Construction Manager.

Only remove vegetation that is necessary to construct the project and all its features. The Contractor shall use due care in his clearing and grubbing operations so as not to destroy vegetation that is not required for removal to the fullest extent possible.

107.06 **Contractor's Responsibility for Work.**

The third paragraph is superseded with the following:

The Government will only be responsible for losses, injuries, and damage cause by declared enemies and terrorists of the United States Government and cataclysmic natural phenomenon such as tornadoes, earthquakes, major floods, and other federally declared natural disasters by the United States Government. The Government will only be responsible for costs attributable to repairing or replacing damaged work. The Government will not be responsible for delay costs, impact costs, or extended overhead costs.

107.10 **Environmental Protection.**

The third paragraph is superseded with the following:

(c) Dirt, plant, and foreign material. Remove dirt, plant, and foreign material from vehicles and equipment before mobilizing to work site. Prevent introduction of noxious weeds and non-native plant species into the work site. Control dust that would be generated during earth moving activities. Follow applicable Federal land management agency requirements, state requirements, Navajo Nation Pesticide Act, Navajo Nation Integrated Weed Management Plan and Navajo Nation Air Pollution Prevention and Control Act (Navajo Clean Air Act), 4 N.N.C. §§1134-40. Maintain cleaning and inspection records and use of Best Management Practices (BMPs).

rev: 10/22/24

SECTION 108 - PROSECUTION AND PROGRESS

108.01 Commencement, Prosecution, and Completion of Work; This section 108 supplements Article 2.4 and Article 6 of Exhibit A.

108.02 Subcontracting. This section supplements Article 6.6 of Exhibit A.

108.03 Determination and Extension of Contract Time. The first sentence is superseded with the following: Follow the requirements of Article 12 of Exhibit A.

108.04 Failure to Complete Work on Time.

The first sentence of the first paragraph is deleted.

Add the following to Paragraph two:

The Contractor shall be subject to the Liquidated Damages as a result of the actions they take or that of their subcontractors in the amount specified in Table 108-1 for each day beyond the time allowed to complete the contract work, until final acceptance of the work is given. The Liquidated Damages shall be assessed when the entire project work cannot be completed due to delays as a result of any actions or inactions taken by the Contractor and/or sub-contractors including failure to complete all the work by the contract end date.

108.05 Stop Order. This section supplements Article 15 of Exhibit A.

Paragraph two is superseded with the following:

No adjustment in contract time or amount will be made for stop work orders issued under (a) or (b). An adjustment in contract time may be made (under the following) when the Contractor is able to demonstrate that the weather was unusually severe based on the most recent 10 years of certified historical data provided by the Contractor.

(a) If the Contractor refuses or fails to prosecute the work or any separable part, with the diligence that will insure its completion within the time specified in this contract including any extension, or fails to complete the work within this time, the CO may, by written notice to the Contractor, terminate the right to proceed with the work (or the separable part of the work) that has been delayed. In this event, the Government may take over the work and complete it by contract or otherwise, and may take possession of and use any materials, appliances, and plant on the work site necessary for completing the work. The Contractor and its sureties shall be liable for any damage to the Government resulting from the Contractor's refusal or failure to complete the work within the specified time, whether or not the Contractor's right to proceed with the work is terminated. This liability includes any increased costs incurred by the Government in completing the work.

(b) The Contractor's right to proceed shall not be terminated nor the Contractor charged with damages under this section, if -

(1) The delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (i) acts of God or of the public enemy, (ii) acts of the Government in either its sovereign or contractual capacity, (iii) acts of another Contractor in the performance of a contract with the Government, (iv) fires, (v) floods, (vi) epidemics, (vii) quarantine restrictions, (viii) strikes, (ix) freight embargoes, (x) unusually severe weather, or (xi) delays of subcontractors or suppliers at any tier arising from unforeseeable causes beyond the control and without the fault or negligence of both the Contractor and the subcontractors or suppliers; and

(2) The Contractor, within 10 days from the beginning of any delay (unless extended by the Contracting Officer), notifies the Contracting Officer in writing of the causes of delay. The Contracting Officer shall ascertain the facts and the extent of delay. If, in the judgment of the Contracting Officer, the findings of fact warrant such action, the time for completing the work shall be extended. The findings of the Contracting Officer shall be final and conclusive on the parties, but subject to appeal under Article 16 of Exhibit A.

(c) If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of the Government.

(d) The rights and remedies of the Government in this section are in addition to any other rights and remedies provided by law or under this contract.

rev: 12/19/17

SECTION 109 - MEASUREMENT AND PAYMENT

109.01 Measurement of Work. This section 109 supplements Article 14 of Exhibit A.

Add the following:

The **U.S. Customary (English)** unit of measure shall prevail in both measurement and payment of items as shown in the bid schedule. However, this does not preclude the contractor from furnishing the **Metric** units equivalent for materials incorporated into the work from suppliers. The contractor shall be responsible for any misalignment and any other problems arising out of such conversions.

109.02 Measurement Terms and Definitions.

Subparagraph (b) is superseded with the following:

(b) Contract quantity. The quantity to be paid is the quantity shown in the bid schedule (designated as “CQ”) and is the final quantity to be paid. The contract quantity will be adjusted for authorized changes that affect the quantity or for errors made in computing this quantity. If there is evidence that a quantity specified as a “*contract quantity*” is incorrect, submit calculations, drawings, or other evidence indicating why the quantity is in error and request, in writing, that the quantity be adjusted.

Subparagraph (c)(1)(a) is superseded with the following:

(a) Take cross sections of original ground for the Construction Manager comparison to the design models. Do not collect data outside the designated slope stake limits.

Add the following subsection:

(s) Contingent sum. Perform the work only when authorized by written work change directive. The work will be measured and paid for at agreed unit prices, lump sum prices, or force account as established in the order authorizing the work. When the unit bid price is designated "contingent sum", the quantity is designated as "All".

109.03 Weighing Procedures and Devices.

Add the following:

All scales shall be re-certified annually or after each time they are moved, or as directed in writing by the Construction Manager. Provide current scale certification documents to the Construction Manager.

The first sentence of subparagraph (c) is superseded with the following:

Furnish, erect, and maintain acceptable scales.

Paragraphs 6 and 7 of subparagraph (c) are superseded with the following:

For pay quantities based on weight, an automatic printer hooked up to the scales shall be provided that shall provide the following information for each weighing, or manually weigh and record masses with the same information below:

- (1) Project Number
- (2) Item number and description
- (3) Date
- (4) Time
- (5) Ticket number
- (6) Haul unit number
- (7) Gross Weight (haul unit and mass); to the nearest 100 pounds (50 kg)
- (8) Tare Weight (haul unit); to the nearest 100 pounds (50 kg)
- (9) Net Weight (mass); to the nearest 100 pounds (50 kg)
- (10) Accumulated total net mass for all haul units since the beginning of the shift

The Contractor shall weigh the empty weight of vehicles with full fuel tanks hauling materials weighed on platform scales at the start of the day's operations, then at noon time. If the vehicle is replaced with another one during the operations, then the new vehicle shall be weighed empty with full fuel tanks and at the end of the day's operations.

Paragraph 8, in subparagraph (c) is superseded with the following:

Furnish competent scale operator(s) to operate the system when materials are Contractor-furnished from his own pit/source. Otherwise, the Contractor's commercial supplier shall furnish a competent scale operator(s) when materials are furnished from a commercial pit/source.

Add the following to paragraph 10 in subparagraph (c):

The Contractor's QCM shall furnish the certified Accumulated Total Net Mass record to the Construction Manager the following workday.

109.04 Receiving Procedures.

The last paragraph is superseded with the following:

Use an approved format/form for the delivery record(s), which must be part of the Quality Control Plan. Furnish the original record(s) and a written certification of the delivery to the

QCM and QAM with a copy to the Construction Manager at the end of each shift. If any delivery report(s) does not contain the signature of the contractor's delivery acceptance person or missing delivery report(s) cannot be found, or missing loads cannot be accounted for, the material shall not be paid for.

109.05 Scope of Payment.

Add the following to subparagraph (b):

This also includes work that is identified in the contract specifications as being incidental to other items of work or work called for in the specifications for which a bid items is not provided.

109.06 Pricing of Adjustments.

The first paragraph is superseded with the following:

At the time of award of contract, the Contractor shall provide the CO with a complete breakdown of their bid including the direct costs for each bid item, overhead rate, profit rate, and applicable taxes rates. Determine all costs according to the contract cost principles and procedures of NNPC 12 N.N.C§350. Follow the requirements of all sections providing for an equitable price adjustment.

Paragraph 109.06(b)(1)(c)c is superseded with the following:

(c) *Equipment.* Provide a complete descriptive listing of equipment including the make, model, and year of manufacture. Support rented or leased equipment costs with invoices. Determine allowable ownership and operating costs for contractor- and sub-contractor-owned equipment as follows:

(1) Use actual equipment cost data when such data can be acceptably determined from the Contractor's or sub-Contractor's ownership and operating cost records taking into account depreciation.

(2) When actual costs cannot be determined, use the rates shown in the "CE00ES" (where applicable) published by The Army Corps of Engineers, for the area where costs are incurred. Adjust the rates for used equipment and for other variable parameters used in the schedules. Provide copies of data sheets taken from these rates books with your submission. DO NOT use a combination of rates from these sources. Actual contractor rates cannot exceed the rates in the ACOE CE00ES book.

(3) Compute proposed standby costs from acceptable ownership records or when actual costs cannot be determined, according to the ACOE CE00ES book. Do not exceed 8 hours in any 24-hour period or 40 hours in any calendar week. Do not include standby for periods when the equipment would have otherwise been in an idle status, used on other projects during the same time period, or for equipment that was not in operational condition.

Paragraph **(b)(2) – Overhead** is superseded with the following:

(2) Overhead. The overhead rate(s) that apply to the prime Contractor shall be the actual rate used in the Contractor's bid for the work the Prime Contractor performs under this contract but cannot exceed 30% for any post work pricing. For all prime and subcontract work, identify overhead rate(s) and provide supporting data, which justifies the rate(s). List the types of costs, which are included in overhead pool. Identify the cost pool(s) to which overhead is applied. Apply the overhead to the appropriate pool.

Limit Contractor overhead applied to subcontractor payments to 5 percent of such payments unless a higher percentage is justified.

Paragraph **(b)(3)-Profit** is superseded with the following:

(3) Profit. Except when precluded by the 12 N.N.C. §350, the profit shall be the actual rate used in the original bid but no more than 10% of the total direct costs reflecting the efficiency and economy of the Contractor and subcontractors in performing the work, the contract risk type, the work difficulty, and management effectiveness and diversity.

For work priced after all or most of the work is performed, profit is limited by statute to 10% of the total direct cost provided this rate can be justified.

Add the following paragraph to subparagraph **(b) Post work pricing**:

(4) Bonding. The rate charged by any Contractor or subcontractor under this contract is capped at 1% of the total cost of the work or any modification work unless a higher rate can be justified.

Add subparagraph **(c)** as follows:

(c) Construction Price adjustments. The CO will not consider price adjustments for material (except for Fuel Cost as noted below) and other Contractor and/or subcontractor price increases during the life of the contract unless the contract allows for such.

Fuel Cost Adjustment:

General: The CO will adjust monthly progress payments **up or down** as appropriate for cost fluctuations in diesel fuel as determined in accordance with these special provisions. A fuel cost adjustment will be made when fluctuations in the price of diesel fuel, in excess of 15 percent, occur throughout this contract. The CO will not provide such adjustments for fluctuations in the price of diesel fuel of 15 percent or less. No adjustments will be made for fluctuations in the price of fuels other than diesel.

Measurement: The base index price of fuel will be determined by the CM from the selling prices of diesel fuel. The base index price for each month will be the arithmetic average of the selling price for diesel fuel shown in the last four reports received prior to the last Wednesday of the month.

For projects located in Arizona: The base index price of fuel will be determined by the CM from the selling prices of diesel fuel published by OPIS (Oil Price Information Service). The base index price to be used will be the price for Diesel fuel No. 2, Ultra Low Sulfur, PAD 5, City of Phoenix Rack. The reported average value for the Phoenix area will be used. This price will be effective as of the last Wednesday of each month and will be posted on ADOT's website on or shortly after the last Wednesday of the month.

- <https://azdot.gov/business/contracts-and-specifications/bituminous-and-fuel-price-adjustment>
- <https://apps.azdot.gov/files/cns/pdf/historical-bituminous-diesel.pdf>

For projects located in New Mexico: The base index price of fuel will be determined by the CM from the selling prices of diesel fuel published by U.S. Energy Information Administration (eia.gov). The base index price to be used will be the price for Diesel fuel, Ultra Low Sulfur, PADD 3, Gulf Coast, Rack Price. This price will be effective as of the last Wednesday of each month and is available at the website below.

- https://www.eia.gov/dnav/pet/pet_pri_gnd_dcus_r30_w.htm

This price will be deemed to be the “initial cost” (IC) for diesel fuel on projects for which bids are opened during the following month.

The current index price for diesel fuel in subsequent months will be the base index price, determined as specified above, for the current month. For example, an adjustment for diesel fuel used in May, if applicable, will be based on the “current price” (CP) for May as posted on the last Wednesday of May. The amount of adjustment per gallon will be the net difference between the “initial cost,” adjusted by 15 percent, and the current index price. The monthly adjustment will be determined by the CM and included in the payment estimate as a fuel adjustment. For fluctuations in excess of 15 percent, fuel cost adjustments will only be made for current price index increases greater than 1.15 times the “initial cost” or for decreases less than 0.85 times the “initial cost.” No calculation will be made for fluctuations in the current index price of 15 percent or less when compared to the “initial cost.”

The number of gallons of diesel fuel used per month will be considered to equal 1.5 percent of the dollar amount of work reported by the contractor for each month. Such dollar amount will not include incentives earned by the contractor for any other revenue derived from quality incentives; or for revenue accrued in the previous month for or diesel fuel price adjustments.

A monthly adjustment, if applicable, will be made on this quantity, as shown below:

$$S = \frac{0.015(Q)}{IC} \times (CP - AC)$$

Where, S = Monetary amount of the adjustment (plus or minus) in dollars
Q = Dollar amount of work completed for the month
CP = Current index price in dollars per gallon
AC = Adjusted "initial cost" (1.15 or 0.85 times IC) in dollars per gallon
IC = "Initial cost" as determined above, dollars per gallon

NDOT Fuel Cost Adj (New Mexico)

Project Number:	N##(##)##.# S.#	
Letting Date:	January 1, 2024	
NDOT Special Provision - 109.06 Fuel Cost Adjustment		
Diesel fuel, Ultra Low Sulfur, PADD 3, Gulf Coast, Rack Price		
IC and CP values taken from = https://www.eia.gov/dnav/pet/pet_pri_gnd_dous_r30_w.htm		

IC =	\$2.880
------	---------

Pay Estimate Number	Month/Year	CP Current index price in dollars per gallon (\$)	AC Adjusted "initial cost" [0.85 times IC] in dollars per gallon (\$)	AC Adjusted "initial cost" [1.15 times IC] in dollars per gallon (\$)	Q Dollar amount of work completed for the month (- tax, incentives)	Fluctuation % (must be greater than 15%)	S Monetary amount of the adjustment (\$)
001	Jan-24	\$2.650	\$2.448	\$3.312	\$ 1,500,000.00	-7.99%	\$ -
002	Feb-24	\$3.030	\$2.448	\$3.312	\$ 100,000.00	5%	\$ -
003	Mar-24	\$3.980	\$2.448	\$3.312	\$ 150,000.00	38%	\$ 521.88
004	Apr-24	\$4.020	\$2.448	\$3.312	\$ 250,000.00	40%	\$ 921.88
005	May-24	\$4.520	\$2.448	\$3.312	\$ 1,500,000.00	57%	\$ 9,437.50
006	Jun-24	\$4.970	\$2.448	\$3.312	\$ 2,000,000.00	73%	\$ 17,270.83
007	Jul-24	\$3.950	\$2.448	\$3.312	\$ 1,750,000.00	37%	\$ 5,815.10
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
TOTAL TO DATE for the Project							\$ 33,967.19
###	Month/Year	\$2.250	\$2.448	\$3.312	\$ 1,000,000.00	-22%	\$ (1,031.25)
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
			\$2.448	\$3.312		-100%	\$ -
TOTAL TO DATE for the Project							\$ (1,031.25)

Increasing Fuel Cost Adjustment only. See below for decreasing fuel cost option.

Sample calculation for a decreasing fuel cost option

Increasing Fuel Cost Adjustment only. See below for decreasing fuel cost option.

Sample calculation for a decreasing fuel cost option

If adjustments are made in the contract quantities, the contractor shall accept any fuel adjustment as full compensation for increases or decreases in the price of fuel regardless of the amounts of overrun or underrun.

The value calculated above (plus or minus) will be adjusted to include sales tax and other taxes as applicable.

No additional compensation will be made for any additional charges, costs, expenses, etc., which the contractor may have incurred since the time of bidding, and which may be the result of any fluctuation in the base index price of diesel fuel.

No adjustments will be made for work performed after Substantial Completion has been achieved.

Payment: Price adjustments will be shown on the monthly progress estimate under the 10901-0000 Extra & Miscellaneous Work bid item but will not be included in the total cost of work for determination of progress or for extension of contract time.

109.07

Eliminated Work. The first sentence of this section is superseded with the following:

(a) The Contracting Officer may, at any time, without notice to the sureties, if any, by written order designated or indicated to be a contract modification, make changes in the work within the general scope of the contract, including changes -

(1) In the specifications (including drawings and designs);

(2) In the method or manner of performance of the work;

(3) In the Owner-furnished property or services; or

(4) Directing acceleration in the performance of the work.

(b) Any other written or oral order (which, as used in this paragraph (b), includes direction, instruction, interpretation, or determination) from the Contracting Officer that causes a change shall be treated as a work change directive under this clause; provided, that the Contractor gives the Contracting Officer written notice stating (1) the date, circumstances, and source of the order and (2) that the Contractor regards the order as a contract modification.

(c) Except as provided in this section, no order, statement, or conduct of the Contracting Officer shall be treated as a change under this section or entitle the Contractor to an equitable adjustment.

(d) If any change under this clause causes an increase or decrease in the Contractor's cost of, or the time required for, the performance of any part of the work under this contract, whether or not changed by any such order, the Contracting Officer shall make an equitable adjustment and modify the contract in writing. However, except for an adjustment based on defective specifications, no adjustment for any change under paragraph (b) of this clause shall be made for any costs incurred more than 20 days before the Contractor gives written notice as required. In the case of defective specifications for which the Government is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the Contractor in attempting to comply with the defective specifications.

(e) The Contractor must assert its right to an adjustment under this clause within 30 days after (1) receipt of a written contract modification under paragraph (a) of this clause or (2) the furnishing of a written notice under paragraph (b) of this clause, by submitting to the Contracting Officer a written statement describing the general nature and amount of proposal, unless this period is extended by the Government. The statement of proposal for adjustment may be included in the notice under paragraph (b) above.

(f) No proposal by the Contractor for an equitable adjustment shall be allowed if asserted after final payment under this contract.

Section 109.08 & 109.09 are superseded with the following:

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109.08 Progress Payments. Follow the requirements of Article 14.2 of the Standard General Conditions (Exhibit A).

(a) General. Only invoice payments will be made under this contract. Invoice payments include progress payments made monthly as work is accomplished and the final payment made upon final acceptance. Only one progress payment will be made each month. No progress payment will be made in a month in which the work accomplished results in a net payment of less than \$1,000. Full or partial progress payment will be withheld until a construction schedule or schedule update is approved by the CO.

(b) Closing date and invoice submittal date. On the first (1st) of each month or the following workday should the date fall on a weekend or holiday, the Contractor may elect to have the Construction Manager prepare and submit a pay estimate to the Contractor, based on the receiving report, for approval on a form acceptable to both the Contractor and Government. However, no invoice payment can be submitted to the billing office without the Construction Manager agreeing with the work accepted in place and the quantities are reviewed and approved. The progress payment preparation shall be as outlined in subparagraph (c) & (d). The pay estimate must be signed by the Construction Manager and Contractor representative before an invoice can be submitted.

(c) Invoice requirements. Submit the invoice to the Government's designated billing office with the following items in the invoice:

(1) Name and address of the Contractor.

(2) Invoice date and invoice number. (The Contractor should date invoices as close as possible to the date of mailing or transmission.)

(3) Contract number or other authorization for work or services performed.

(4) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(5) Delivery and payment terms.

(6) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the contract or in a proper notice of assignment).

(7) Name, title, phone number, and mailing address of person to notify in the event of a defective invoice.

(8) Description of work or services performed.

(9) A tabulation of total quantities, applicable calculations, and unit prices of work accomplished or completed, and accepted, on each pay item as of the closing date shall be provided to the government field representative to validate (by closing date) the pay estimate request. Do not include any quantities unless field note documentation and calculations for those quantities was submitted by the closing date. Do not include quantities of work involving material for which test reports required under Sections 153 or

154 or certifications required by Subsection 106.03 are, or will be, past due as of the closing date.

(10) A copy of the pay estimate must be included with the Contractor's invoice with a line for the Government field representative to concur on the invoice.

(11) If applicable, a copy of any notices regarding withholding to a subcontractor. The Contractor shall issue a written notice of any withholding to a subcontractor (with a copy furnished to the Contracting Officer), specifying -

- (i) The amount to be withheld;
- (ii) The specific causes for the withholding under the terms of the subcontract; and
- (iii) The remedial actions to be taken by the subcontractor in order to receive payment of the amounts withheld.

(12) The amount included for work performed by each subcontractor under the contract.

(13) The total amount of each subcontract under the contract.

(14) The amounts previously paid to each subcontractor under the contract.

(15) Adjustments to the proposed total payment that relate to the quantity and quality of pay items or other claims as further described in Article 14.2.E of Exhibit A.

(16) Any other information or documentation required by the contract.

(17) Contractor certification. Along with each request for progress payments, the Contractor shall furnish the following certification, or payment shall not be made: (However, if the Contractor elects to delete paragraph (c)(4) from the certification, the certification is still acceptable.)

I hereby certify, to the best of my knowledge and belief, that—

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;

(2) All payments due to subcontractors and suppliers from previous payments received under the contract have been made, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States Code;

(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract; and

(4) This certification is not to be construed as final acceptance of a subcontractor's performance.

(Name)

(Title)

(Date)

(d) Government's receiving report. The Government's receiving report will be developed using the measurement notes received by the Government and determined acceptable by the Construction Manager. Within 7 days after the closing date, the Construction Manager will be available by appointment at the Government's designated office to advise the Contractor of quantities and unit prices appearing on the Government's receiving report.

Progress payments may include partial payment for material to be incorporated in the work, provided the material meets the requirements of the contract and that the Contractor includes in his request, a signed statement from the Construction Manager that the materials have been inspected and appear to meet the project specifications and match the quantities given in the pay estimate.

(e) Processing progress payment requests. No payment will be made for work unless field note documentation for the work was submitted.

(1) Proper invoices. If the invoice meets the requirements of Subsection 109.08(c) and the quantities and contract prices shown on the Contractor's invoice agree with the corresponding quantities and contract prices shown on the Government's receiving report; the invoice will be paid.

(2) Defective invoices. If the invoice does not meet the requirements of Subsection 109.08(c) or if quantities or contract prices shown on the Contractor's invoice exceed the corresponding quantities and contract prices shown on the Government's receiving report; the invoice is defective and the Contractor will be notified. Defective invoices will be returned to the Contractor within 7 days after receipt by the Government's designated billing office. Correct and resubmit returned invoices. If the defects are minor, the Contractor may elect, in writing, to accept the quantities and contract prices shown on the Government's receiving report for payment.

(f) Partial payments. Progress payments may include partial payment for material to be incorporated in the work. In the preparation of pay estimates, the Contracting Officer may authorize material delivered on the site and preparatory work done to be taken into consideration, provided the material meets the requirements of the contract and is delivered on, or in the vicinity of, the project site or stored in acceptable (secured) storage places. For stockpiled aggregates, the Contractor's request must include test results indicating compliance with the specifications to verify the request.

Material delivered to the Contractor at locations other than the site also may be taken into consideration if the Contractor furnishes satisfactory evidence that it has acquired title to such material and that the material will be used to perform this contract. Partial payment for material does not constitute acceptance of the material for use in completing items of work. Partial payments will not be made for living or perishable material until incorporated into the project.

Individual and cumulative partial payments for preparatory work and material will not exceed the lesser of:

- (1) 80 percent of the contract price for the pay item; or
- (2) 100 percent of amount supported by copies of invoices submitted.

The quantity paid will not exceed the corresponding quantity estimated in the contract. The CO may adjust partial payments as necessary to protect the Government.

(g) Retainage. Follow the requirements of Article 14.2.D of the Standard General Conditions (Exhibit A).

109.09 Final Payment. Follow the requirements of Article 14.7 of the Standard General Conditions (Exhibit A).

Upon final acceptance and verification of final pay records, the Government will send a SF 1034, Public Voucher for Purchases and Services other than Personal (final voucher) and a release of claims document. Execute both the voucher and the release of claims, and return the documents to the Government for payment. The date of approval by the Government of the final voucher for payment constitutes the date of final settlement of the contract. Final payment of the contract should be made no later than **120** days from the date of **Final Acceptance** and verification of final pay records provided the Contractor supplies all the necessary records within 5 days after the final inspection.

If unresolved claims exist or claims are proposed, reserve the right to the claims by listing a description of each claim and the amount being claimed on the release of claims document.

Failure to execute and return the voucher and release of claims document within 90 days after receipt will constitute execution of the documents and the release of claims against the Government arising by virtue of the contract. In this event, the day after 90 days from receipt constitutes the date of final settlement of the contract.

rev: 12/28/23

SECTION 151 - MOBILIZATION

This section 109 supplements Article 6 of Exhibit A

151.03 Payment. This section is superseded with the following:

The accepted quantity, measured as provided in Subsection 109.02, will be paid at the contract price per unit of measurement for the Section 151 pay item shown in the bid schedule. Payment will be full compensation for the work prescribed in this Section. See Subsection 109.05.

Progress payments for mobilization lump sum will be paid as follows:

- (a) Bond premiums will be reimbursed for the amount of premiums paid for performance and payment bonds (including coinsurance and reinsurance agreements, when applicable) after the Contractor has furnished evidence of full payment to the surety. The retainage provisions in Article 14.2.D of the Standard General Conditions (Exhibit A) shall not apply to that portion of progress payments attributable to bond premiums.
- (b) When 5 percent of the original contract amount is earned from other bid items, 50 percent of the mobilization item, or 5 percent of the original contract amount, whichever is less, will be paid.
- (c) When 10 percent of the original contract amount is earned from other bid items, 100 percent of the mobilization item, or 10 percent of the original contract amount, whichever is less, will be paid.
- (d) Any portion of the mobilization item in excess of 10 percent of the original contract amount will be paid after final acceptance.

rev: 01/18/18

SECTION 153 - CONTRACTOR QUALITY CONTROL

Section 153 – Contractor Quality Control herein supersedes Section 153 of FP-14. This section 153 supplements Article 6 of Exhibit A.

Description

153.01 This work consists of planning and implementing a construction quality process to ensure work conforms to the contract. This work also includes quality control inspection and documentation, and process control sampling and testing.

The Contractor shall be fully responsible for providing Quality Control of materials delivered to the site and the means/methods in which they are placed to meet the requirements of the contract documents and specifications. The Contractor shall maintain records and make them available to the Government (if requested). There is no contract pay item for this work.

The Government will be responsible for completing the Quality Assurance testing and construction inspection to verify that the testing requirements and specifications are met to ensure construction plans are followed and all items of work conform to the contract requirements. All work shall be conducted under the observation of the Government and is subject to Government inspection and testing at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.

(a) Definition. Work includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.

(b) Government inspections and tests are for the sole benefit of the Government and do not:

- (1) Relieve the Contractor of responsibility for providing adequate quality control measures;
- (2) Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;
- (3) Constitute or imply acceptance; or
- (4) Affect the continuing rights of the Government after acceptance of the completed work under paragraph (i) below.

(c) The presence or absence of a Government inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specification without the Government's written authorization.

(e) The Government is not responsible to the Contractor for any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes re-inspection or retest necessary.

(f) The Contractor shall, without charge, replace or correct work found by the Government not to conform to contract requirements, unless in the public interest the Government consents to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.

(g) If the Contractor does not promptly replace or correct rejected work, the Government may (1) by contract or otherwise, replace or correct the work and charge the cost to the Contractor or (2) terminate for default the Contractor's right to proceed.

(h) If, before acceptance of the entire work, the Government decides to examine already completed work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its subcontractors, the Contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the work is found to meet contract requirements, the Government shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the work was thereby delayed an extension of time.

(i) Unless otherwise specified in the contract, the Government shall accept, as promptly as practicable after completion and inspection, all work required by the contract or that portion of the work the Government determines can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

Construction Requirements

153.02 Qualifications. Submit the following for approval:

(a) **Quality control manager (QCM).** The Contractor shall furnish and designate a qualified Quality Control Manager (QCM). Provide a QCM with no responsibilities for performing work on or managing the project. The QCM's resume shall reflect one of the following and shall be included in the Quality Control Plan.

- (1) The QCM shall be a graduate of a two-to-four-year accredited engineering technology program in an Engineering discipline.
- (2) Have a minimum of five (5) years' experience as a highway construction superintendent, inspector, project manager, or construction manager and one (1) year experience as a QCM on similar size and type construction contracts which include the major trades that are part of this contract.
- (3) A civil engineering technician with at least six (6) years of progressive experience in highway/bridge construction which includes basic surveying knowledge, basic sampling and testing of materials, project record keeping, interpretation of plans and specifications, performed inspections on various components in highway/bridge construction, basic knowledge of traffic safety and the MUTCD, first aid, performed final measurement(s) of contract items, prepared as-built plans, knowledge of OSHA and other safety requirements. Shall be currently certified by the National Institute for Certification in Engineering Technologies (NICET), Level III or higher in the field of highway materials or highway construction or an equivalent certification program.

The Contractor's QCM shall manage and carry out the Contractor's internal Quality Control Plan (QCP) and shall be a full-time employee who will work with and take direction from the

Government's QAM. The duties and responsibility the Contractor QCM shall have on this contract is managing, monitoring, implementing and as necessary, adjusting the processes to assure quality of the materials incorporated into the project. **The QCM is required to attend and participate in the preconstruction meetings, partnering meetings, and the prep meetings for the work.** The Contractor QCM shall also stop work for the purpose of unsafe conditions.

The Contractor QCM shall report any deficiencies in the work directly to the QAM and Construction Manager (CM). Furthermore, it is the Contractor's responsibility to address and respond to all "non-compliance orders" issued by the QAM or CM. The Contractor's QCM shall not be the same individual as, nor be subordinate to, the Contractor project superintendent.

(b) Quality assurance manager (QAM). The Government shall furnish and designate a qualified Quality Assurance Manager (QAM).

The Government's QAM shall manage the overall Quality Control Plan, perform quality assurance testing and inspections, ensure construction plans are followed, review construction plans for errors or conflicts that may arise with testing and inspection procedures, and prepare Quality Assurance certifications and documentation required in this contract.

153.03 Quality Control Plan (QCP). In direct coordination with the Government QAM, the Contractor shall develop a QCP addressing all contract work categories. A category consists of related work items performed in one operation (such as excavation, drainage, and paving). Include the work of subcontractors, major material suppliers, and structural and geotechnical services suppliers. For each category, include the following:

(a) Quality control personnel. The Contractor shall provide for approval the name, resume, and relevant experience of all personnel directly responsible for implementing the Contractor's Quality Control Plan. The Contractor shall work cooperatively with the Government QAM and personnel to accommodate the inspection and testing requirements. Conform to Subsection 153.02.

(b) Quality control procedures. Describe the inspection, testing, and other activities to be performed for each phase of work in Subsection 153.04. Include methods, schedules, and equipment. Conform to Subsections 153.04 and 153.05.

List the material to be tested by:

- (1) Pay item;
- (2) Applicable requirements of the Sampling, Testing, and Acceptance Requirements tables;
- (3) Proposed reporting formats. As a minimum perform process control testing according to the Sampling, Testing, and Acceptance Requirements tables included at the end of each Section where applicable.

(c) Records. Describe the reporting format for inspection, testing, certification, and daily reports. Conform to Subsections 153.06 and 153.07.

(d) Submittal transmittal, review, approval, and record keeping. Procedural requirements for transmittal, review, approval, and record keeping of submittals (Log of Submittals) shall be the responsibility of the Contractor QCM and shall be consistent with the Submittal, Transmittal, Review and Approval Form provided at the end of this supplemental specification. While use of this specific form and/or formats is not required, any other format used shall contain the same information and shall be accepted by the QAM or CM. This form shall be used for material certifications, shop drawings, mix designs, test/inspection reports, and resumes for Contractor's QCP staff.

The Contractor shall prepare shop drawings, samples and certifications in accordance with Article 6.17 of Exhibit A – Standard General Conditions. Each submittal shall be accompanied with a Submittal, Transmittal, Review, and Approval Form signed by the Contractor. Clearly mark each item proposed to be incorporated into the contract and identify in the submittals, with cross-references to the contract specifications and drawings, so as to identify clearly the use for which it is intended. Each submittal shall be certified by the Contractor. The Contractor's certification shall be worded as follows:

"It is hereby certified that the documents and materials shown in the enclosed submittal is that proposed to be incorporated into this contract and is in compliance with the contract plans and specifications."

Certified by _____ ***Date*** _____

The person signing the certification shall be the Project Superintendent or one who is designated in writing by the Contractor as having the authority.

(e) Manpower needs. The QCM shall coordinate with the QAM, CM and Project Superintendent and agree on the level of inspection and testing manpower needed for each week's work or operation for the QAM and CM to fully understand the testing and inspection work to occur.

The QAM reserves the right to require changes in the QCP, QC personnel, and operations as necessary to ensure the specified quality of work to be performed is done in a safe manner. The Contractor can propose changes to the QAM and CM by submitting a completed **"Submittal, Transmittal, Review and Approval Form"**, along with a complete resume of replacement personnel to the Construction Manager, **a minimum of seven (7) calendar days prior to a proposed change**. The resume and any proposed changes must be approved by the CM prior to implementation.

At the Preconstruction Conference, the Contractor shall submit a written Quality Control Plan (QCP), which includes all subcontractors, and suppliers/fabricators of major construction components, and subcontracted surveying services for review and approval. The Contractor shall not be allowed to begin construction on major items of work until the QCP is approved. With prior approval, submission of a quality control plan for major items of work not immediately scheduled to begin may be deferred.

Subsequent submission of deferred QCPs for major items shall require fourteen (14) calendar days for review and approval.

The only construction work that is authorized to proceed prior to the approval of the QCP is mobilization of storage and office trailers, temporary utilities, and any other work that does not require sampling, testing, and/or inspection.

153.04 Prosecution of Work. Provide a comprehensive and detailed inspection plan for each item of work showing each construction requirement criteria by phase, with cross-references to the contract drawings and specifications, and the resulting actions required by the Quality Control Manager and the Quality Assurance Manager. Address each of the following subjects in each phase of construction for each item of work:

(a) Preparatory phase.

(1) Before starting each work category, hold a preparatory phase meeting. Include the project superintendent, work foreman, CM, QAM, QCM, and appropriate subcontractors.

Be prepared to discuss the following: (a) Contract requirements for the work, including acceptance procedures, schedule, and control strip; (b) Process and equipment for constructing the work; and (c) Plan for inspection, process control, testing, measuring, and reporting the work.

(2) Review and coordinate certifications, submittals, plans, drawings, and permits.

(3) Verify the capabilities of equipment, material, and personnel. Provide training as necessary.

(4) Establish a detailed testing schedule based on the production schedule.

(5) Ensure preparatory testing and inspection is accomplished.

(6) Review accuracy of the surveying and staking.

(b) Start-up phase.

(1) Hold a start-up meeting to review the contract, the construction processes, and the inspection, testing, and reporting requirements with the personnel performing the work. Include the project superintendent, inspectors, testers, CM, QAM, and QCM. Explain procedures that will be followed if defective work is identified.

(2) Inspect, test, and report start-up work according to the QCP and ensure the work conforms to the contract.

(c) Production phase.

(1) Inspect, test, and report according to the QCP and evaluate the acceptability of the work produced.

(2) Identify and correct deficiencies.

(3) Request Government inspection and acceptance.

(4) Inspect materials and/or assemblies accepted under subsection 106.03 Certification to ensure that the materials comply with all contract requirements. Furnish the results of the

inspection, along with the production certifications or commercial certifications (as applicable) to the Construction Manager prior to incorporating the materials into the work. This requirement includes fabrication of bridge girders, concrete or steel cattleguards, steel corrugated pipes, steel guardrail sections, etc.

153.05 Sampling and Testing. This section is deleted in its entirety. The Government will be responsible for the Quality Assurance sampling and Testing efforts.

153.06 Certifications. Obtain, review, and verify certifications for work. Submit certifications when required.

153.07 Records and Control Charts. Maintain records and control charts by pay item.

(a) Quality control and construction operations reports. Maintain written quality control and construction operations reports daily according to the QCP. Document meetings, work locations, labor and equipment used including actual hours worked, testing and measurement activities, inspection results, deficiencies observed, corrective actions taken, and process changes. Use FHWA Form 1413, Inspector's Daily Record of Construction Operations or approved alternate forms. Include the following certification signed by the QCM on all reports: "I certify that the information contained in this record is accurate and that work documented herein complies with the contract. Exceptions to this certification are documented as a part of this record."

(b) Control charts. Maintain linear control charts that identify the test number, test parameter, upper and lower specification limit applicable to each test parameter, and test results for applicable material. Use the control charts to document variability of the process, to identify production and equipment problems, and to identify actions to improve processes or quality. Update and post control charts daily in a location accessible to the CM. Cease production and correct the process when problems are evident.

In accordance with the Government's Records Management requirements, the QAM, QCM and Contractor Superintendent shall be **responsible** for the measurement of quantities (including all verification of calculations, sketches, etc.) of all items of work in accordance with Subsection 109.01 and these measurements (quantities and calculations) kept in chronological order and in bound record books in a format agreed to by both the QAM, QCM and CM. These record books shall be updated daily throughout the life of this contract. The measurements for accepted work shall be based on material certifications, testing reports, inspection reports, and any other appropriate documents that have been reviewed and verified by the CM in writing. Copies of material measurements shall be furnished to the CM and QAM for review, approval, and preparation of progress pay estimates. Any errors/mistakes found by the CM shall be corrected immediately by the QCM as outlined in this subsection unless the Contractor can clearly show documentation otherwise.

The quantities, sketches, calculations entered into the quantity books shall be done in a neat and legible fashion. Any mistakes shall be scratched out with one red ink line and corrections shown

above or below the figure, red lined out, with the writer initializing off and dating the corrections. Under no circumstance shall erasure of errors or white out corrections be made in any book.

The QAM and QCM are responsible for all inspection reports, test records, correspondence, material certifications, as-builts, etc. in accordance with the Government's Record Management policies, procedures, and requirements. These records must be kept in a Government approved electronic file system. Under no circumstances shall any QC personnel alter any previous report(s) without notifying the QAM first and initials off on the corrections.

Allow unrestricted access by the Government for inspection and review of the quantity calculations and other record book(s) at all times.

(c) As-built drawings. The QCM is required to keep the as-built drawings updated on a daily basis and accurately marked to show all deviations, which have been made from the original contract drawings. The QCM shall initial each deviation and each revision.

The QCM shall maintain, at the job site, one set of full-size contract drawings labeled "**As-Built**" (either in AutoCAD format or red lined hard copy) marked in legible red pencil to show any deviations which have been made to the contract drawings, including buried or concealed construction and utility features revealed during the course of construction. The QCM shall record horizontal and vertical locations of buried utilities that differ from the contract drawings. Show the size, manufacturer's name, model number, capacity, and electrical power characteristics of the equipment installed. These drawings shall be always available for review by the QAM and/or CM. Along with the hard copy as-builts, the Contractor shall provide an electronic (PDF) file of the as-builts to the CM.

Upon submittal of the as-built plans to the CM, the QCM shall provide a certification statement to the following:

"It is hereby certified that the As-Built Plans marked and documented are accurate and herein complies with the requirements in Contract Number _____, and are in compliance with the Contract specifications and are submitted for Government review and approval."

Certified by _____ Date _____

(d) Project Records for Audit. The QCM and QAM/CM shall jointly determine a format for project record keeping while being consistent with the Government's Records Management requirements. This format must include contract item quantities, material certifications, and any other information deemed necessary and related to the contract item for audit purposes. The QCM shall review all project documents and final quantities for each item of work in this contract and submit the final **original** quantity books, inspection records, material certifications, test records, log of submittals, etc. and the "As-Built" construction plans to the CM for final audit purposes within three (3) working days **after** the Final Inspection date or just prior to the final acceptance inspection if agreed to by the CM. The CM (in conjunction with the Government/FHWA) will review the final quantity books and all other records for completeness within 21 days of receiving

such documents. As an incidental obligation of the Contractor, the QCM shall be made available for meeting with the Construction Manager and/or audit staff to answer any questions relating to the final quantities and/or project records. Any project file records (quantity book(s), “As-Built” construction plans, inspection reports, material certifications, etc.) that are found to be incomplete or lacking information shall be returned to the QCM and Contractor for corrections at the entire expense of the Contractor. The QCM shall be available and in contact with the audit staff during this review stage to ensure compliance with audit requirements until the audit has been completed.

153.08 Acceptance. The Contractor's quality control system will be evaluated under Subsection 106.02 based on its demonstrated effectiveness to ensure work conforms to the contract.

Measurement and Payment

153.09 Payment. Do not measure Contractor quality control for payment. See Subsection 109.05.

rev: 11/13/23

NAVAJO DIVISION OF TRANSPORTATION
Contractor Submittal, Transmittal, Review and Approval Form



Part 1 - For Contractor Transmittal

Submittal No.:

From:

To:

Project No.:

Contract No.:

Project Location:

Description of submittal:

It is hereby certified that the documents and material shown in the enclosed submittal is that proposed to be incorporated into this contract and is in compliance with the contract plans and specifications.

Certified by:

Date:

Part 2 - For Reviewer

From:

To:

Review of submittal is for general compliance with the requirements of the contract documents and corrections or comments made do not relieve the contractor from compliance with these requirements. The contractor is responsible for: confirming and correlating all quantities and dimensions; any changes from the contract documents; coordinating the work with all trade and subcontractors; and performing the work in a satisfactory manner.

- ☐ No Exception Taken
- ☐ Amend & Resubmit
- ☐ Make Corrections Noted
- ☐ Rejected

Signature:

Date:

This form is for submitting material certifications, shop drawings, testing & inspection reports, personnel changes, permits, QC Plan updates, TCP plans, Safety Plan changes & construction schedule updates. All other transmittals must be submitted by formal letter to the Construction Manager.

Revised: 11/10/2023

SECTION 154--CONTRACTOR SAMPLING AND TESTING

154.01 **Description.** This section 154 supplements Article 13 of Exhibit A.

This subsection is replaced with the following:

This work consists of sampling, testing and reporting required test results. There is no contract pay item for this work. This work shall be completed in conjunction with the Contractor quality control efforts required under Section 153. Contractor shall include the work required under this Section 154 in the Section 153 Quality Control Plan (QCP).

154.03 **Sampling.**

The first sentence of the first paragraph is superseded with the following:

The Contractor's QCP shall include a detailed written method of sampling materials from a final processed windrow on the roadway, aggregate stockpile(s), behind a "jersey spreader", behind a chip spreader, out of a haul truck or any other acceptable method the Contractor is using to place or spread aggregate materials. Include sampling aggregates at the crushing site and/or hot plant site.

The second sentence of the first paragraph is superseded with the following:

The sampling schedules and times shall be determined and provided by the Contractor's QCM using a random number system. Provide the schedules at least seven (7) calendar days before the work begins.

Add the following paragraph:

Splitting: A riffle sample splitter shall be used that meets AASHTO T-248. The QCP shall include a detailed written method of splitting and the number of splits the aggregate materials will take. Immediately perform splits of samples upon receiving the material. Furnish approved containers for the Government's portion of split samples. Label Government samples to include project number, contract number, pay item number, material type, sample number, date sampled, time sampled, station location, distance left or right of centerline location, name of person sampling, name of person witnessing sampling and type of test required on sample. The QAM will take possession of the Government samples.

Allow the CM and/or QAM the opportunity to witness all sampling and splitting.

This subsection 154.04 is superseded with the following:

154.04 **Testing.**

The Government's QAM shall perform all tests required by the Sampling and Testing Tables for all applicable work. The Contractor QCM and/or CM shall be afforded the opportunity to witness all testing. Testing of trial samples may be required to demonstrate testing competence.

The QAM may check equipment to verify condition and calibration. The Contractor shall repair or replace equipment not meeting applicable requirements.

Submit documentation supporting the calibration of all necessary equipment **before actual testing**. Include the following:

- (a) Description of the equipment calibrated or verified, including model number, serial number, or other acceptable identification.
- (b) Identification of the individual performing the calibration or verification.
- (c) Identification of the calibration or verification procedure used.
- (d) The calibration number for each calibration.

This subsection 154.05 is superseded with the following:

154.05 Records.

Record test results on approved acceptable forms containing all the information as required in 154.03. Furnish to the CM all original completed forms with original test results and work sheets. When tests are on material being incorporated in the work, report all test result(s) and original completed form(s) within 24 hours of date of test.

Subsection 154.07 is superseded with the following:

154.07 Measurement. Do not measure Contractor Sampling and Testing for payment.

Subsection 154.08 is deleted in its entirety.

154.08 Payment. This subsection is replaced with the following:

This work is considered incidental obligations to the work completed under Section 153 and no payment shall be made.

rev: 11/13/23

SECTION 155 -SCHEDULES FOR CONSTRUCTION CONTRACTS

155.03 **General.** This section 155 supplements Article 6.4 of Exhibit A.

The first sentence is replaced with the following:

Use the Bar Chart Method (BCM) as described below to develop the construction schedule for the total contracted work. Critical Path Method construction schedules are not allowed.

155.05 **(a) Bar Chart Method (BCM).**

Add the following subparagraph (4):

(4) Submit **3 copies** of the construction schedule at the preconstruction conference. Allow Government **14 days** for acceptance or rejection of the construction schedule. If rejected, submit a revised schedule within 5 days. **Do not begin work**, except mobilization, survey staking, and traffic control work, **without an accepted construction schedule**. The Contractor shall update this Construction Schedule as necessary (during the life of the project) to reflect any delays, change in schedules, and revisions to activities shown. Furnish a copy to the Construction Manager when necessary for review and approval/disapproval back to the Contractor. The preparing, furnishing and updating of this bar chart schedule shall not be measured for payment but shall be a subsidiary obligation of the Contractor. Failure to provide the Government with an updated construction schedule, for review and acceptance prior to continuation of work, may result in the Construction Manager issuing a stop work order.

Review and acceptance of any and all construction schedules is rendered as a service only and is not considered a guarantee of the work being completed within the time shown on the schedule and/or will not result in delays as a result of the work under the schedule(s), nor shall it be considered as relieving the Contractor from complying with the specifications and other time requirements in this contract.

Accelerated construction schedules, where the Contractor plans to complete all the work well within the contract time may be permissible but cannot be used by the Contractor in any delay claim against the Government. The Construction Manager will enforce the contract time given in the contract and if the Contractor fails to complete all the work within that time, the Contractor shall be subject to liquidated damages under section 108.04. Any proposed accelerated schedule must adhere to the 40-hour work week and any request for work beyond the normal 40-hour work week is subject to Government review and approval.

Subsection 155.05(b) Critical Path Method (CPM) is deleted in its entirety.

155.06 Section 155.06(d) Critical Path Method updates is deleted in its entirety.

Subsection 155.09 Measurement is superseded with the following.

155.09 **Measurement.** Do not measure schedules for payment.

Subsection 155.10 Payment is superseded with the following.

155.10 **Payment.** The development and updating of the construction schedule will not be measured for payment but shall be considered an incidental obligation of the Contractor under this contract.

rev: 12/19/17

SECTION 156 -PUBLIC TRAFFIC

156.01 **Description.** This work consists of controlling and protecting public traffic adjacent to and within the project. Follow Special Contract Requirement – Contractor Safety Program Requirements of Exhibit C. This section 156 supplements Article 6 of Exhibit A.

156.04 **Accommodating Traffic During Work.**

The first paragraph is superseded with the following:

The Contractor shall prepare a Traffic Control Plan (TCP) in accordance with Section 635, the MUTCD latest edition, and the details shown in the construction drawings and submit for review and acceptance. Accommodate traffic according to the approved TCP, the MUTCD, Section 635, and this section.

156.09 **Traffic Control Supervisor.**

Add after the first sentence of the first paragraph with the following:

Provide **current copies** of the certifications to the Construction Manager for review and approval.

rev: 12/19/17

SECTION 411: HOT-POURED CRACK SEALANT

411.1 DESCRIPTION

This Work consists of preparing and cleaning cracks and joints in the existing Roadway surface and sealing these cracks with hot-poured sealant.

411.2 MATERIALS

For crack and joint seals, the Contractor shall use hot-poured sealant in accordance with the general and physical requirements of ASTM D 6690, as specified in the Plans and shall be as listed below (no substitutes will be allowed).

Cracks 1/4" to 1.5" in size =	CRAFCO POLYFLEX TYPE 3 (PART #34521)
Cracks > 1.5" in size =	CRAFCO MASTIC ONE (PART #33339)

The Contractor shall have the Supplier sample and test the sealant in accordance with ASTM D 6690 and provide certified test results for each lot or batch of sealant supplied. The Contractor shall provide sealant packaged in containers and labeled in accordance with ASTM D 6690. Bulk shipments of sealant must be accompanied by documents that state the following:

1. Manufacturer's name;
2. Trade name of the sealant;
3. Batch or lot number;
4. Pouring temperature; and
5. Safe heating temperature.

The Contractor shall not mix more than one (1) lot or batch within a bulk shipment of sealant.

411.3 CONSTRUCTION REQUIREMENTS

411.3.1 Temperature and Weather Limitations

The Contractor shall apply the sealant in the following conditions:

1. When the air temperature is at least 40 °F and rising; and
2. When the temperature of existing pavement surface is above 32 °F during application; or
3. As indicated on the manufacturer's recommendations.

The Contractor shall not place the sealant during inclement weather, on wet surfaces, or when the wind conditions prevent satisfactory sealing.

411.3.2 Equipment

The Contractor shall:

1. Provide router bits of at least 1/2-inch diameter that cut to one (1) inch deep;

2. Use air compressors that provide uncontaminated air at a pressure (minimum 90 PSI) capable of cleaning approved cracks; and
3. Equip air compressors with traps to prevent oil and moisture from entering the air stream.

The Equipment for heating and preparing the sealant mixture shall provide a continuous supply of the prepared mixture and maintain a continuous, uniform and homogeneous mixture during the sealing operation. The Contractor shall provide continuous mechanical agitation as necessary to maintain homogeneity.

The Contractor shall use application devices that provide uniform application of the sealant Materials without clogging or causing other irregularities in distribution. Application devices and Equipment shall meet the requirements of the sealant manufacturer.

411.3.3 Preparation of Cracks

The Contractor shall:

1. Route and clean cracks to the satisfaction of the Construction Manager;
2. Route cracks with an average clear opening less than 1/2 inch to provide a minimum sealant reservoir of 1/2 inch wide and to a depth of from 3/4 inch to one (1) inch, unless otherwise directed by the Project Manager. Center routers over the cracks during routing operations;
3. Clean cracks with an average clear opening 1/2 inch or greater with high-velocity compressed air (minimum 90 PSI) to a depth of from 3/4 inch to one (1) inch, unless otherwise directed by the Project Manager; and
4. Clean loose particles, dust, and other deleterious materials, immediately before placing the sealant from the sealant reservoirs with high-velocity compressed air.

411.3.4 Application of Sealant

The Contractor shall:

1. Control the application to confine sealant within the reservoirs;
2. Apply sealant to the clean, dry-surfaced reservoirs to a depth of from 3/8 inch to 1/4 inch below the existing surface of the Roadway (sealant should be recessed in the crack with no overband on the pavement surface). If the Construction Manager determines that the method of filling results in an excessive amount of sealant on the pavement surface, stop filling and change the method. Clean excess sealant Material from the pavement surface;
3. Halt operations if application devices clog or irregularities occur during application and take corrective action immediately; and
4. Follow special preparation or placement requirements indicated by the manufacturer.

411.3.5 Resumption of Traffic

The Contractor shall cure sealant in accordance with the manufacturer's requirements, before placing traffic on the pavement surface.

411.4 METHOD OF MEASUREMENT

The Construction Manager will verify the measured quantity with the Contractor daily.

411.5 BASIS OF PAYMENT

<u>Pay Item</u>	<u>Pay Unit</u>
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Hot-Poured Crack Sealing	Mile
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411.5.1 Work Included in Payment

The Department will consider as included in the payment for the pay item(s) listed in this section and will not measure or pay separately for the following Work:

1. Prepare, clean, and fill cracks and joints with hot-poured sealant on the existing Roadway.

EXHIBIT G

PROJECT DESIGN PLANS

A set of the design plans can be obtained from the Navajo Division of Transportation Website below during the Request for Proposal process.

<https://navajodot.org/rfp%2Frfq>

EXHIBIT H
DAVIS BACON WAGE RATE DETERMINATION

NM20250036 01/03/2025

"General Decision Number: NM20250036 01/03/2025

Superseded General Decision Number: NM20240036

State: New Mexico

Construction Type: Highway

Counties: ~~Catron, Chaves, Curry, De Baca, Eddy, Grant, Hidalgo, Lea, Lincoln, Luna, Otero, Roosevelt, Sierra and Socorro~~ Counties in New Mexico.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 14026 generally applies to the contract.. The contractor must pay all covered workers at least \$17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 13658 generally applies to the contract.. The contractor must pay all covered workers at least \$13.30 per hour (or the

	applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.
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The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/03/2025

SUNM2011-004 08/26/2011

	Rates	Fringes
CARPENTER (Includes Form Work)		
Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Otero,		
Roosevelt, Sierra, Socorro..	\$ 13.93 **	0.44
Lea.....	\$ 13.30 **	0.44
Luna.....	\$ 13.11 **	0.44
CEMENT MASON/CONCRETE FINISHER		
Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Otero,		
Roosevelt, Sierra, Socorro..	\$ 14.17 **	0.55
Lea.....	\$ 13.74 **	0.68
ELECTRICIAN (Including Traffic Signalization)		
Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Otero,		
Roosevelt, Sierra, Socorro..	\$ 26.21	9.35
Lea.....	\$ 24.90	8.56

HIGHWAY/PARKING LOT STRIPING:

Includes Highway Line/Parking
Lot Line Striping and Line

Striping Truck Driver.....	\$ 15.93 **	0.35
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INSTALLER: (Guardrails, Handrails and Signs)

Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Otero,		
Roosevelt, Sierra, Socorro..	\$ 13.58 **	0.35
Lea.....	\$ 14.62 **	0.30

IRONWORKER, REINFORCING

Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Otero,		
Roosevelt, Sierra, Socorro..	\$ 21.66	6.03
Lea.....	\$ 21.77	6.03

IRONWORKER, STRUCTURAL.....	\$ 21.77	6.03
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LABORER

Asphalt Raker.....	\$ 13.00 **	0.35
Common or General		
Catron, Chaves, Curry,		
Hidalgo, Lincoln, Sierra,		
Socorro.....	\$ 11.67 **	0.35
DeBaca.....	\$ 11.33 **	0.35
Eddy.....	\$ 11.78 **	0.35
Grant.....	\$ 10.62 **	0.35
Lea.....	\$ 11.61 **	0.35
Luna, Roosevelt.....	\$ 12.56 **	0.35
Otero.....	\$ 12.73 **	0.35
Flagger/Cone Setter.....	\$ 12.56 **	0.35
Grade Checker.....	\$ 16.18 **	1.60
Mason Tender-		
Brick/Cement/Concrete.....	\$ 11.39 **	0.79
Pipelayer.....	\$ 19.28	
Power/Air Tool Operator,		
Includes Jack Hammer.....	\$ 13.91 **	0.86

PAINTER (Brush, Roller, and

Spray).....	\$ 15.41 **	0.44
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POWER EQUIPMENT OPERATOR:

Asphalt/Concrete Paver,

Laydown Machine, and Plant..	\$ 15.42 **	0.26
Backhoe/Excavator/Trackhoe		
Catron, Chaves, Curry,		
DeBaca, Grant, Hidalgo,		
Lincoln, Luna, Otero,		
Roosevelt, Sierra, Socorro.	\$ 19.92	0.26
Eddy.....	\$ 14.87 **	0.26
Lea.....	\$ 16.88 **	0.26
Bobcat/Skid Loader.....	\$ 18.06	0.26
Broom.....	\$ 15.48 **	0.26
Bulldozer.....	\$ 16.25 **	0.26
Crusher.....	\$ 16.53 **	0.26
Distributor.....	\$ 14.50 **	0.26
Forklift.....	\$ 17.16 **	0.26
Grader/Blade.....	\$ 18.02	0.26
Loader (Front End).....	\$ 16.12 **	0.26
Mechanic		
Catron, Chaves, Curry,		
DeBaca, Eddy, Grant,		
Hidalgo, Lincoln, Luna,		
Otero, Roosevelt, Sierra,		
Socorro.....	\$ 19.44	0.26
Lea.....	\$ 20.69	0.26
Milling Machine.....	\$ 16.59 **	0.26
Oiler.....	\$ 15.79 **	0.26
Piledriver.....	\$ 17.82	0.26
Roller (Asphalt, Dirt, and		
Sheepsfoot)		
Catron, Chaves, Curry,		
Eddy, Grant, Hidalgo,		
Lincoln, Luna, Otero,		
Roosevelt, Sierra, Socorro.	\$ 15.86 **	0.26
DeBaca.....	\$ 14.19 **	0.75
Lea.....	\$ 17.41 **	0.26
Scraper.....	\$ 15.91 **	0.26
Screed.....	\$ 15.70 **	0.26
Tractor.....	\$ 15.40 **	0.26
Trencher.....	\$ 16.31 **	0.26

TRUCK DRIVER

Distributor

Catron, Chaves, Curry,		
DeBaca, Grant, Hidalgo,		
Lea, Lincoln, Luna,		
Otero, Roosevelt, Sierra,		
Socorro.....	\$ 13.81 **	0.26
Eddy.....	\$ 13.70 **	0.26

Dump Truck

Catron, Chaves, Curry, DeBaca, Eddy, Grant, Hidalgo, Lincoln, Luna, Otero, Roosevelt, Sierra, Socorro.....	\$ 14.60 **	0.26
Lea.....	\$ 14.61 **	0.26
Flatbed Truck		
Catron, Chaves, Curry, DeBaca, Grant, Hidalgo, Lincoln, Luna, Otero, Sierra, Socorro.....	\$ 12.96 **	0.26
Eddy.....	\$ 12.71 **	0.26
Lea.....	\$ 13.05 **	0.26
Roosevelt.....	\$ 13.26 **	0.26
Pickup and Pilot Car		
Catron, Chaves, Curry, DeBaca, Grant, Hidalgo, Lincoln, Luna, Otero, Roosevelt, Sierra, Socorro.	\$ 12.70 **	0.26
Eddy.....	\$ 12.60 **	0.26
Lea.....	\$ 12.84 **	0.26
Semi-Trailer Truck.....	\$ 16.58 **	0.26
Tractor Haul Truck.....	\$ 14.00 **	
Water Truck		
Catron, Chaves, Curry, DeBaca, Eddy, Grant, Hidalgo, Lincoln, Luna, Otero, Roosevelt, Sierra, Socorro.....	\$ 14.39 **	0.26
Lea.....	\$ 15.07 **	0.26

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.75) or 13658 (\$13.30). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the

Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE:

UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The "SU" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The "SA" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were

adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007
01/03/2024. SA reflects that the rates are state adopted. ME
refers to the State of Maine. 2023 is the year during which the
state completed the survey on which the listed classifications
and rates are based. The next number, 007 in the example, is an
internal number used in producing the wage determination.
The date, 01/03/2024 in the example, reflects the date on which
the classifications and rates under the ?SA? identifier took
effect under state law in the state from which the rates were
adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can
be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on
a wage determination matter
- d) an initial conformance (additional classification
and rate) determination

On survey related matters, initial contact, including requests
for summaries of surveys, should be directed to the WHD Branch
of Wage Surveys. Requests can be submitted via email to
davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as
conformance decisions, requests for initial decisions should be
directed to the WHD Branch of Construction Wage Determinations.
Requests can be submitted via email to BCWD-Office@dol.gov or
by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

EXHIBIT I
Environmental Requirements & Permits

TTP Environmental Checklist/Categorical Exclusion

Tribe Name:		Is Project on an approved TTIP?
Project Name/Number:	NTTFI Route No. and Section:	
SECTION 1: PROJECT DETAILS		
<p>A. Purpose and Need: Briefly describe what the transportation problems are that need to be addressed and why. Do not provide solutions to the problems in this section.</p>		
<p>B. Project Description: Briefly describe project including location, limits, design elements, and construction activities. Describe how the proposed project will address the needs described above. Use Continuation Sheet, if necessary. Attach maps, aeriels, photos, etc. to help visualize the project.</p>		
<p>C. Independent Utility and Logical Termini</p> <p><input type="checkbox"/> The project complies with NEPA requirements related to connected actions and segmentation (i.e. the project must have independent utility, connect logical termini when applicable, be usable and be a reasonable expenditure even if no additional transportation improvements in the area are made and not restrict further consideration of alternatives for other reasonably foreseeable transportation improvements). [23 CFR 771.111(f)]</p>		

TTP Environmental Checklist/Categorical Exclusion

SECTION 2: ENVIRONMENTAL RESOURCE EVALUATIONS

All applicable environmental requirements were evaluated for this Environmental Checklist and are identified below.

A. Right of Way

Will the project involve right of way acquisitions or easements? ☐ Yes ☐ No

If yes, will a right of way action by the BIA be required? ☐ Yes ☐ No

If yes, the BIA may have additional environmental requirements. Please contact the FHWA Environmental Specialist for further guidance.

B. Cultural Resources

☐ Section 106 compliance is complete - select appropriate finding:

☐ No Potential to Affect Historic Properties ☐ No Historic Properties Affected

☐ No Historic Properties Adversely Affected ☐ Adverse Effect

Has consultation with SHPO and/or THPO been completed? ☐ Yes ☐ No

If yes, date(s) of concurrence _____, and attach the letter(s) to this document.

Provide further discussion as needed.

Are there other Tribes with ancestral ties to lands in or near the project area? ☐ Yes ☐ No

If yes, list the Tribes and describe results of consultation efforts.

C. Wetlands

• Wetlands (Executive Order #11990)

Will construction activities take place in wetlands? ☐ Yes ☐ No

If yes:

○ What is the estimated permanent loss of wetlands, if any? _____ acres

○ Are there any practical alternatives to the proposed construction in wetlands (i.e. can the wetlands be avoided while still meeting the purpose and need of the project)? ☐ Yes ☐ No

○ Does the project include all practicable measures to minimize harm to the wetlands? ☐ Yes ☐ No

Provide further discussion as needed.

TTP Environmental Checklist/Categorical Exclusion

D. Floodplains

- Floodplains (Executive Order #11988)
 - ☐ No Floodplain Encroachment ☐ No Significant Encroachment ☐ Significant Encroachment
 - If in floodplain, are there practicable alternatives avoiding the floodplain? ☐ Yes ☐ No
 - Provide further discussion as needed.

E. Biology

- Section 7 (Federal Endangered Species Act) Consultation Findings (Effect determination). Note: these webpages are helpful in identifying federally-listed species [IPAC](#) and [NOAA Section 7 Mapper](#).
 - ☐ No Effect
 - ☐ May Affect, Not Likely to Adversely Affect. If applicable, FWS Concurrence Date: _____
If applicable, NMFS Concurrence Date: _____
 - ☐ May Affect, Likely to Adversely Affect. If so, FWS Biological Opinion Date: _____
NMFS Biological Opinion Date: _____
 - ☐ Programmatic Biological Opinion held by Partner Agency; File Number _____ Date _____
 - Provide further discussion as needed.

- Essential Fish Habitat (Magnuson-Stevens Act) Findings (Effect determination):
 - ☐ No Effect ☐ No Adverse Effect ☐ Adverse Effect and consultation with NMFS
 - Provide further discussion as needed.

- Migratory Bird Treaty Act
 - Will the project potentially impact migratory birds? ☐ Yes ☐ No
 - What actions will be taken to avoid migratory bird impacts, if any (e.g. vegetation clearing restricted to outside of migratory bird nesting periods, surveying for migratory bird nests prior to initiating construction, etc.)?

- Bald and Golden Eagle Protection Act
 - Will the project potentially impact eagles? ☐ Yes ☐ No
 - What actions will be taken to avoid eagle impacts, if any (Following the USFWS' [National Bald Eagle Management Guidelines](#) is recommended)?

TTP Environmental Checklist/Categorical Exclusion

F. Section 4(f) Transportation Act (23 CFR 774) and Section 6(f) Land and Water Conservation Act (36 CFR 59)

- Section 4(f) regulation was considered as a part of the review for this project and a determination was made:

☐ Section 4(f) does not apply (*Project does not use a Section 4(f) property, or it meets one or more of the exceptions listed in [23 CFR 774.13](#).*)

☐ Section 4(f) applies, select level of evaluation from below:

☐ De Minimis

☐ Programmatic Evaluation (types of [Programmatic Evaluations](#)):

Select one if applicable _____

☐ Individual: ☐ Legal Sufficiency Review complete ☐ HQ Coordinator Review Complete

- Section 6(f)—Does the project involve property purchased with Land and Water Conservation Funds?

☐ No, Section 6(f) does not apply. No additional documentation required.

☐ Yes ☐ Documentation of approval from National Park Service Director has been received for the conversion/and replacement of 6(f) property.

G. Farmland Protection Policy Act of 1981

Does prime or unique farmland, or land of statewide or local importance exist within the project area (check the Natural Resources Conservation Service (NRCS) [link](#) to search for prime or unique farmland in the project area; you also may need to contact the appropriate state/local soils agency to make this determination)?

☐ Yes ☐ No

If the project has the potential to convert important farmland to non-farm use, coordinate with your local NRCS office (a land evaluation and site assessment may be required). Attach relevant coordination documentation to this form.

H. Coastal Zone

Coastal Zone Management Act of 1972

☐ Not in Coastal Zone ☐ Coastal Permit Required

☐ Consistent with Federal, State, and Local Coastal Plans ☐ Federal Consistency Determination

Provide further discussion as needed.

I. Hazardous Waste and Materials

- Are hazardous materials or contamination exceeding regulatory thresholds (as set by U.S. EPA, Tribe, State County, etc.) present in the project area? ☐ Yes ☐ No

- If yes, is the nature and extent of the hazardous materials or contamination fully known? ☐ Yes ☐ No

If no, briefly discuss the plan for securing information:

TTP Environmental Checklist/Categorical Exclusion

J. Wild & Scenic Rivers

- Are there Wild & Scenic River designations in the project area? Check the [National Wild and Scenic Rivers System](#).
☐ Yes ☐ No
- Describe any impacts. (Attach the full evaluation if applicable).

K. Ancillary Sites (Materials, Disposal, Staging, Etc.)

- Will the project plans require the use of specific ancillary sites (e.g. materials sources, disposal sites, staging areas, etc.), or will these sites be left to the contractor to select?
☐ Required by Plans ☐ Selected by Contractor
- If required by project plans, have the ancillary sites been included in all assessments of environmental impacts and consultations with appropriate agencies? ☐ Yes ☐ No
If no, please explain.

L. Air Quality

- Is the project in a “nonattainment” or “maintenance” area designated under the Clean Air Act ([EPA Green Book](#))?
☐ Yes ☐ No
If yes, is the project consistent with air quality goals for the area? ☐ Yes ☐ No
- Even if the project is not in a “nonattainment” or “maintenance” area, how will general air quality concerns such as construction-related airborne dust be eliminated or reduced?

M. Socioeconomics

- Will the project result in disproportionately high and adverse human health or environmental effects on minority populations and/or low-income populations Yes ☐ No ☐
- Will construction activities substantially disrupt normal traffic patterns (including access to businesses or accessibility of emergency vehicles)? Yes ☐ No ☐

If yes to either, please explain how these impacts will be mitigated.

N. Noise

- Will the project significantly change the horizontal or vertical alignment of a road? ☐ Yes ☐ No
- Will the project increase the number of through-traffic lanes on a road? ☐ Yes ☐ No

If yes to either of the above questions, are there sensitive noise receptors (see [FHWA guidance](#)) located near the project? ☐ Yes ☐ No If yes, please explain how increased noise, if any, will be abated:

TTP Environmental Checklist/Categorical Exclusion

O. Other Relevant Environmental Considerations/Approvals

- Are there other relevant environmental considerations or approvals needed for this project? ☐ Yes ☐ No
If yes, please describe.

P. Permits

- Section 404 of the Clean Water Act
Will there be impacts to Waters of the US: ☐ Yes ☐ No
If yes, approval anticipated:
☐ Nationwide Permit ☐ Individual Permit
- Section 401 of the Clean Water Act approval anticipated:
☐ Certification ☐ Waiver ☐ N/A
- Section 402 of the Clean Water Act
Will the project involve 1 acre of ground disturbance or more? ☐ Yes ☐ No
If yes, a National Pollutant Elimination System (NPDES) permit is required as well as the development of a Storm Water Pollution Prevention Plan (SWPPP) to be included in the final design.
- Sections 9 and 10 of the Rivers and Harbors Improvement Act
Will the project involve construction of a structure over a navigable waterway? ☐ Yes ☐ No
If yes, a Bridge Permit from the U.S. Coast Guard will be required.
- List below other permits required for the project.

TTP Environmental Checklist/Categorical Exclusion

SECTION 3: Environmental Commitments

List all environmental commitments for the project in this section, or attach additional documentation as necessary. The list should include any mitigations, permit conditions, or other commitments that were required or agreed to during environmental analyses, coordination, and consultation with relevant agencies.

TTP Environmental Checklist/Categorical Exclusion

SECTION 4: TYPE OF DOCUMENTATION: Use the information in this section to help determine the applicable documentation and clearance type for the project (CE, EA or EIS). Please note that this is used for planning purposes only. The final decision for level of documentation is made by FHWA after consultation and coordination.

A. Categorical Exclusions Defined (23 CFR 771.117[a]).

FHWA regulation 23 CFR 771.117(a) defines categorical exclusions as actions which:

- do not induced significant impacts to planned growth or land use for the area;
- do not require the relocation of significant numbers of people;
- do not have a significant impact on any natural, cultural, recreational, historic or other resources;
- do not involve significant air, noise, or water quality impacts;
- do not have significant impacts on travel patterns; or
- do not otherwise, either individually or cumulatively, have any significant environmental impacts.

☐ Checking this box certifies that project meets the above definition for a Categorical Exclusion (if not, an EA or EIS will be required).

B. Unusual Circumstances (23 CFR 771.117[b]).

FHWA regulation 23 CFR 771.117(b) provides that any action which normally would be classified as a CE but could involve *unusual circumstances* requires the Department to conduct appropriate environmental studies to determine if the CE classification is proper. Unusual circumstances include actions that involve:

- Significant environmental impacts;
- Substantial controversy on environmental grounds;
- Significant impact on properties protected by section 4(f) of the DOT Act or section 106 of the National Historic Preservation Act; or
- Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action.

All of the above unusual circumstances have been considered in conjunction with this project. (Please select one.)

☐ Checking this box certifies that **none of the above conditions apply** and that the project qualifies for a Categorical Exclusion.

☐ Checking this box certifies that unusual circumstances **are involved**. However, the appropriate studies/analysis have been completed, and it has been determined that the CE classification is still appropriate.

C. Check applicable categorical exclusions from the drop-down menu(s) below. For full text of CEs, click [here](#).

Select a Categorical Exclusion:

Select additional Categorical Exclusion, if needed:

D. If categorical exclusions (c)(26), (c)(27), or (c)(28) were selected above, do any of the following circumstances apply?

☐ Yes ☐ No ☐ N/A

- (1) An acquisition of more than a minor amount of right-of-way or that would result in any residential or non-residential displacements;
- (2) An action that needs a bridge permit from the U.S. Coast Guard, or an action that does not meet the terms and conditions of a U.S. Army Corps of Engineers nationwide or general permit under section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act of 1899;
- (3) A finding of "adverse effect" to historic properties under the National Historic Preservation Act, the use of a resource protected under 23 U.S.C. 138 or 49 U.S.C. 303 (section 4(f)) except for actions resulting in *de minimis* impacts, or a finding of "may affect, likely to adversely affect" threatened or endangered species or critical habitat under the Endangered Species Act;
- (4) Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions;
- (5) Changes in access control;
- (6) A floodplain encroachment other than functionally dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths); or construction activities in, across or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers.

TTP Environmental Checklist/Categorical Exclusion

SECTION 5: Certification

This approval pertains only to the scope of work and project described above. Any changes to the scope of work should be evaluated for additional environmental impacts and reviewed by FHWA. The environmental commitments listed in the document are not subject to change without approval from FHWA.

Based on the information obtained during the environmental review process and included in this checklist, the project is determined to be a Categorical Exclusion pursuant to the National Environmental Policy Act and is in compliance with all other identified environmental laws, regulations, and Executive Orders.

Concurrence: By signing, you acknowledge you have authority to sign this document on behalf of the Tribe/Consortium, agree with the descriptions and assessments described within, and will insure the identified environmental commitments will be fulfilled and appropriate permits obtained.

Tribe/Consortium
representative

Name:

Department Manager

Title:

Anjanette A. J. Owens

Signature:



Date:

06.17.25

Approval:

FHWA
representative

Name:

David E. Cremer

Title:

TTP Environmental Protection Specialist

Signature:

DAVID E CREMER

Digitally signed by DAVID E CREMER

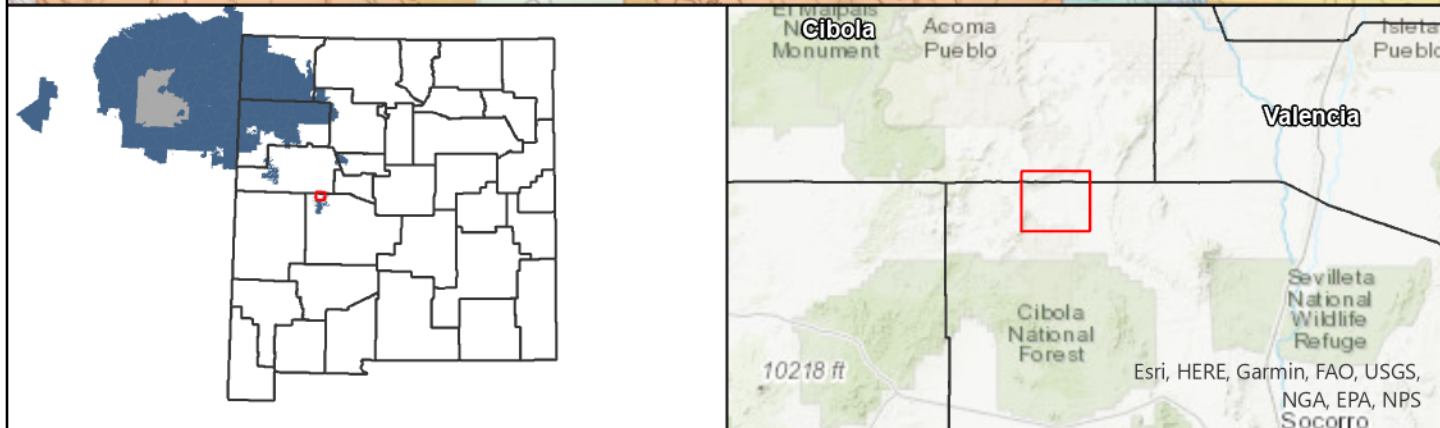
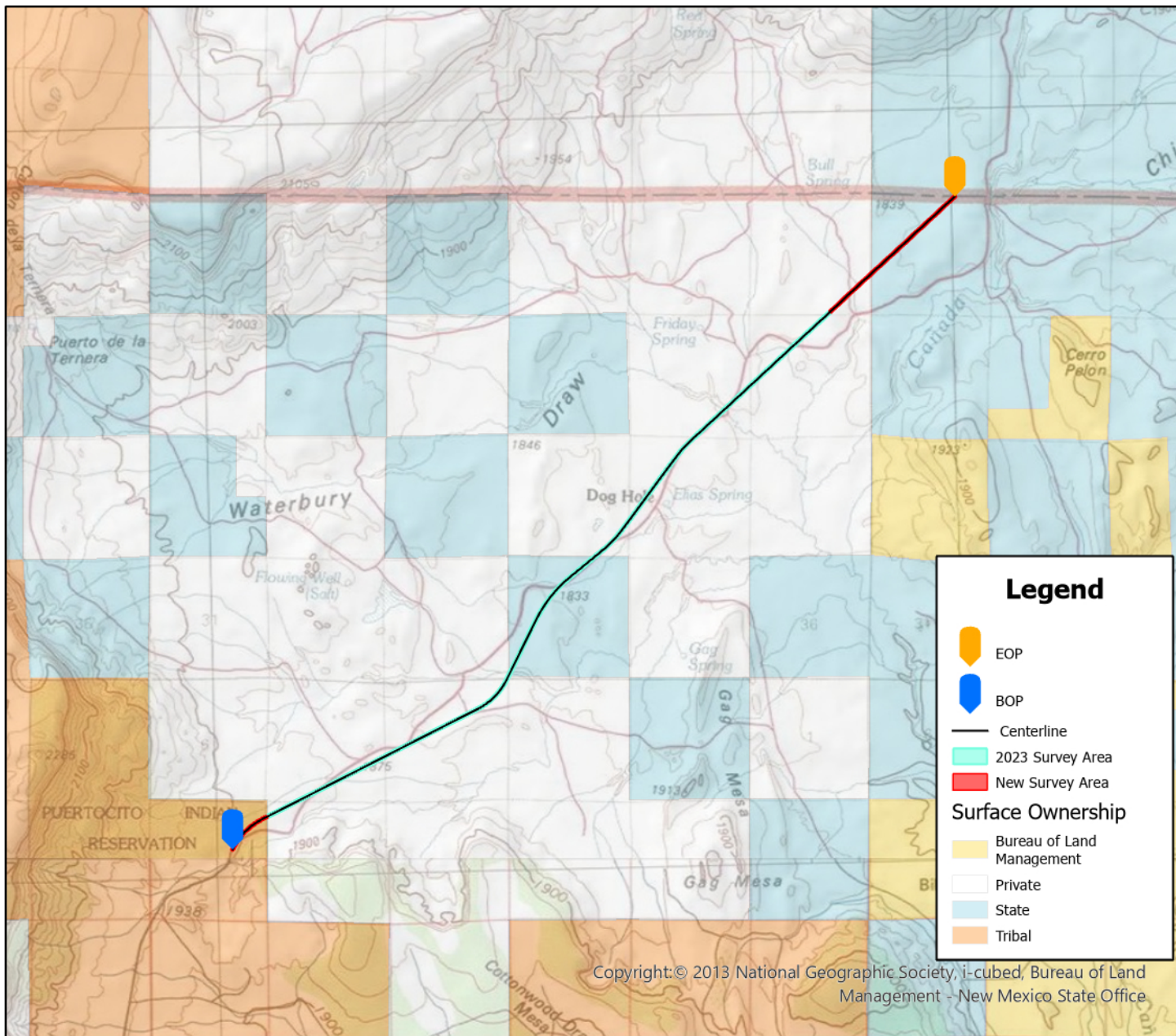
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Date:

6/17/2025

FHWA Environmental Contacts:

David Cremer,
Environmental Protection Specialist
202-236-7613
david.cremer@dot.gov





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Miles
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N55 Project Vicinity Map

Alamo
Socorro County, New Mexico
USGS 7.5": Acoma Pueblo and
Magdalena, NM

**WILSON
& COMPANY**

Created by: William Skidmore
Reviewed by: Alex DeVries
10/11/2024



Figure 6. Overview of BOP, facing NE



Figure 7. Overview of project, facing NE



THE NAVAJO NATION
Heritage & Historic Preservation Department
P.O. Box 4950 • Window Rock, Arizona 86515
(928) 871-7198 (tel) • (928) 871-7886 (fax)



CULTURAL RESOURCES COMPLIANCE FORM

NNHHPD NO.: HPD-25-002

CONSULTANT REPORT NO.: WCES-2024-122

PROJECT TITLE: Cultural Resources Inventory for Road Improvements along 1.81 Miles of N55 near Alamo, Socorro County, New Mexico

LEAD AGENCY: The Navajo Nation

SPONSOR: Joe Peterman, Navajo Division of Transportation, PO Box 4620 Window Rock, AZ 86515

PROJECT DESCRIPTION: The Navajo Division of Transportation is proposing road improvement on 1.81 miles on Navajo Route N55 north of Alamo, Socorro County, New Mexico. Road improvement and road construction activities will entail, but are not limited to, clearing, and grubbing, earthwork, backfilling, grading, installation of drainage structures, turnouts, chip sealing, and/or asphalt paving of the road surface and installation of a right-of-way fence. Ground disturbance, both surface and subsurface, is expected to be intensive and extensive from the use of heavy equipment. Area of effect equals 59.92 acres.

PROJECT ARCHAEOLOGIST: Alexander DeVries

NAVAJO ANTIQUITIES PERMIT NO.: B24855

TOTAL ACREAGE INSPECTED: 59.92

DATE INSPECTED: 9/19/2024

DATE OF REPORT: 10/15/2024

METHOD OF INVESTIGATION: Class III pedestrian inventory with transects spaced 15 m apart

LAND STATUS: NN Tribal Trust Land

CHAPTER: Alamo

LOCATION: Township: 3N Range: 6W Section: 7

QUAD: Field Ranch, NM NMPM

UTM: Northing: 3820560 Easting: 270163

DATUM: NAD83 Zone 13

NUMBER OF ELIGIBLE PROPERTIES: 2

NUMBER OF NON-ELIGIBLE PROPERTIES: 1

NUMBER OF UNEVALUATED PROPERTIES: 0

NUMBER OF ISOLATED OCCURRENCES: 1

NUMBER OF TCPs: 0

NUMBER OF IN-USE SITES: 0

EFFECT/CONDITIONS OF COMPLIANCE: No Historic Properties Affected

PROCEED RECOMMENDED: Yes

CONDITIONS: No

Sites: NM-T-28-04; NM-T-28-05; and NM-T-28-06.

Sites were not relocated and likely destroyed by construction activities. No further management or mitigation is recommended.

In the event of a discovery ["discovery" means any previously unidentified or incorrectly identified cultural resources including but not limited to archaeological deposits, human remains, or locations reportedly associated with Native American religious/traditional beliefs or practices], all operations in the immediate vicinity of the discovery must cease, and the Navajo Nation Heritage and Historic Preservation Department must be notified at (928) 871-7198.

FORM PREPARED BY: Olsen John

FINALIZED: 1/8/2025


Richard M. Begay, Department Manager/PHPO


Date

Navajo Nation Heritage and Historic Preservation Department

~ DOCUMENT IS VOID IF ALTERED ~

**BIOLOGICAL RESOURCES COMPLIANCE FORM
NAVAJO NATION DEPARTMENT OF FISH AND WILDLIFE
P.O. BOX 1480, WINDOW ROCK, ARIZONA 86515-1480**

It is the Department's opinion the project described below, with applicable conditions, is in compliance with Tribal and Federal laws protecting biological resources including the Navajo Endangered Species and Environmental Policy Codes, U.S. Endangered Species, Migratory Bird Treaty, Eagle Protection and National Environmental Policy Acts. This form does not preclude or replace consultation with the U.S. Fish and Wildlife Service if a Federally-listed species is affected.

PROJECT NAME & NO.: Task 56- Alamo N55

DESCRIPTION: Road maintenance consisting of removing existing asphalt, grading, and replacing asphalt pavement along 0.44 miles of N55.

LOCATION: Alamo Chapter, Socorro County, New Mexico, Section 07 Township 3 north, Range 6 West;

BOP: UTM 13S 270163E 38 and **EOP:** 13S 270646E 3820994N

REPRESENTATIVE: Jared D. Seff, Wilson and Company, Inc., Engineers and Architects

ACTION AGENCY: Wilson and Company, Inc., Engineers and Architects

B.R. REPORT TITLE / DATE / PREPARER: Request for categorical exclusion and compliance/ 16 Sep 2024/Jared D. Seff, Wilson and Company, Inc., Engineers and Architects

SIGNIFICANT BIOLOGICAL RESOURCES FOUND: RCP Area 3, Low Sensitivity

POTENTIAL IMPACTS

NESL SPECIES POTENTIALLY IMPACTED: N/A

FEDERALLY-LISTED SPECIES POTENTIALLY IMPACTED: N/A

OTHER SIGNIFICANT IMPACTS TO BIOLOGICAL RESOURCES: N/A

AVOIDANCE / MITIGATION MEASURES: N/A

CONDITIONS OF COMPLIANCE*: N/A

FORM PREPARED BY / DATE: Dayna Valentine/ 14 Oct 2024

COPIES TO: (add categories as necessary)

☐ _____

☐ _____

2 NTC § 164 Recommendation:

☐ **Approval:**

☐ **Conditional Approval (with memo):**

☐ **Pending (with memo):**

☐ **Disapproval (with memo):**

☒ **Categorical Exclusion (with request letter):**

Task 56- Alamo N55

☐ **None (with memo):**

Brent Powers, NNHP Wildlife Manager
Wildlife

Navajo Nation Department of Fish and

Signature:

Brent Powers

Date

10/16/24

*I understand and accept the conditions of compliance, and acknowledge that lack of signature may be grounds for the Department not recommending the above described project for approval to the Tribal Decision-maker.

Representative's signature

Date