

# THE NAVAJO NATION

---



JONATHAN NEZ | PRESIDENT MYRON LIZER | VICE PRESIDENT

August 1, 2021

Hon. Seth Damon  
Office of the Speaker  
Post Office Box 3390  
Window Rock, AZ 86515

RE: CJY-39-21, *An Action Relating to Resources and Development, Budget and Finance, and Naabik'iyati' Committees, and the Navajo Nation Council; Allocating \$58,225,000 in Sihasin Funds to the Navajo Nation Water Management Branch for the Western Navajo Pipeline Phase I Project; Allocating \$219,170,000 in Sihasin Funds for other Navajo Nation Water Management Branch Projects; Approving Expenditure Plans for Said Projects Pursuant to 12 N.N.C. §§ 2501 – 2508*

Dear Speaker Damon,

As a sovereign nation, we express our sovereign status in many areas; deciding our future relative to our water rights is to control our destiny, to decide our future as a People. The Western Navajo Pipeline is a project that is years in the making and with the action in CJY-39-21, we, as a Nation, are developing our own strategy for our water rights from the Colorado and Little Colorado rivers. We have arrived at a time and place in which we, as a Nation, will develop and build our own Western Navajo Pipeline to provide for our People.

In making decisions for our People we must also be aware of our fiscal responsibility in spending our available funds. We have said many times over that we will stand firm on our position to carefully review funding allocations and ensure our funds are spent wisely and properly. The inclusion of additional water projects, without a thorough review, leads to ambiguity and uncertainty. The water projects included by amendment provide no detail on the projects, no legal analysis, and no verification on the feasibility of the project. It would be preferable if each project were presented on its own merits and a determination of its reimbursable potential from federal funds. We look forward to legislation that will address each project.

As a sovereign nation we must be clear on the actions we take, as in the project funding for the Western Navajo Pipeline Phase I. We support and approve the Western Navajo Pipeline Phase I in CJY-39-21; however, without thorough vetting we cannot support the additional projects in the resolution and exercise the line item veto authority granted by the People for the \$219,170,000.

Sincerely,

  
Jonathan Nez, President  
THE NAVAJO NATION

  
Myron Lizer, Vice President  
THE NAVAJO NATION

RESOLUTION OF THE  
 NAVAJO NATION COUNCIL  
 24<sup>th</sup> NAVAJO NATION COUNCIL - THIRD YEAR, 2021

AN ACTION

RELATING TO RESOURCES AND DEVELOPMENT, BUDGET AND FINANCE, AND  
 NAABIK'ÍYÁTI' COMMITTEES, AND THE NAVAJO NATION COUNCIL;  
 ALLOCATING \$58,225,000 IN SÍHASIN FUNDS TO THE NAVAJO NATION WATER  
 MANAGEMENT BRANCH FOR THE WESTERN NAVAJO PIPELINE PHASE 1 PROJECT;  
~~ALLOCATING \$219,170,000 IN SÍHASIN FUNDS FOR OTHER NAVAJO NATION~~  
~~WATER MANAGEMENT BRANCH PROJECTS;~~ APPROVING EXPENDITURE PLANS FOR  
 SAID PROJECTS PURSUANT TO 12 N.N.C. §§ 2501 - 2508

*JMN*  
*ML*

BE IT ENACTED:

SECTION ONE. AUTHORITY

- A. The Resources and Development Committee is empowered to exercise oversight of matters involving water, land, environment, economic and community development, and public utilities, among others. 2 N.N.C. § 500(C).
- B. The Budget and Finance Committee is empowered to "appropriate, allocate, cancel, re-appropriate and review the use of Navajo Nation funds received including but not limited to all grants, contracts, gifts and other funds from all sources." 2 N.N.C. § 301(B)(3).
- C. The Naabik'íyáti' Committee is a standing committee of the Navajo Nation Council with the responsibility to hear proposed resolution(s) that require final action by the Navajo Nation Council. 2 N.N.C. § 164(A)(9).
- D. The Navajo Nation Council is the governing body of the Navajo Nation. 2 N.N.C. § 102(A).
- E. The Navajo Nation Code (at 12 N.N.C. § 2502, as amended by CJA-03-18) provides that the purpose of the Navajo Nation Síhasin Fund ("Síhasin Fund") is as follows:

§ 2502 Purpose

- A. The purposes of this Fund are to provide financial support and/or financing for:
  - 1. The planning and development of economic development and regional infrastructure supporting economic development and community development, including such infrastructure as, but not limited to, housing, commercial and

government buildings, waterline, solid waste management development, powerline projects, and transportation and communication systems, within the Navajo Nation; and

2. Education opportunities for members of the Navajo Nation.
- B. For the Purpose in § 2502(A)(1), Fund expenditures for infrastructure shall not be limited by 12 N.N.C. § 1310(F) or TCDCJY-77-99.
  - C. Leveraging the Fund by way of guaranteeing loans, match funding, direct funding in part, and other weighted uses of the Fund, including loan financing from the Fund, for the purposes in § 2502(A)(1), shall be favored over direct funding in whole
  - F. The Síhasin Fund provides that "Fund Principal" shall consist of all deposits made to the Síhasin Fund and that "Fund Income" shall consist of all earnings (interest, dividends, etc.) generated and realized by the Fund Principal, and that Fund Income shall be deposited in and added to Fund Principal until such time as a Fund Expenditure Plan is duly adopted. 12 N.N.C. §§ 2504 and 2505(C).
  - G. The Síhasin Fund provides that "Fund Principal and Income shall not be expended except pursuant to a Fund Expenditure Plan consistent with the purposes set forth in § 2502 of this Chapter and adopted by a two-thirds (2/3) vote of all members of the Navajo Nation Council." 12 N.N.C. § 2505(A).

## SECTION TWO. FINDINGS

- A. The Western Navajo Pipeline Phase 1 Project ("Project") is a \$84,265,000 project planned for the Antelope Canyon Development Area, as detailed in the ten separate Project Descriptions attached as **Exhibit A**.
- B. As shown in **Exhibit A**, a portion of the funds necessary for the Project, the total amount of \$26,040,000, has been approved as follows:
  - \$3,000,000 in prior Síhasin funding;
  - \$21,309,000 from the Permanent Trust Fund;
  - \$1,500,000 from the Navajo Nation Parks and Recreation Department;



\$150,000 from the Bureau of Indian Affairs (documents attached as **Exhibits A and A-1**).

- C. Because the Project is estimated to cost \$84,265,000 in total, the amount of \$58,225,000 is needed to complete the Project, as shown in **Exhibit A**.
- D. The Navajo Nation Water Management Branch ("NNWMB") will perform or provide planning and design, engineering and technical services, construction work, and overall project management for the Project. The Navajo Tribal Utility Authority ("NTUA") will perform operation and maintenance for the Project. The cooperation on this Project between NNWMB and NTUA will be governed by a Memorandum of Agreement, to be approved by both entities. A draft of the MOA between NNWMB and NTUA is attached as **Exhibit C**.
- E. The allocation of the \$58,225,000 for this Project meets the statutory criteria for Síhasin expenditures because this Project involves "infrastructure supporting economic development and community development" and "waterline" projects, as mentioned in 12 N.N.C. § 2502(A)(1).
- F. The allocation of the \$58,225,000 for this Project meets the statutory preference for leveraging Síhasin funds, as mentioned in 12 N.N.C. § 2502(C), because \$26,040,000 from other funding sources has been approved or designated for this Project.
- G. ~~Other Navajo Nation water projects, designated by the Navajo Nation Water Management Branch as identified in the document entitled "American Rescue Plan Act Funds - NDWR Listing - April 5, 2021," **Exhibit B**, are also in need of funding, as follows:~~

- ~~• NDWR Building, warehouse, mechanic shop and a library \$8,000,000.00~~
- ~~• Navajo Gallup Water Supply Project Connections Expenditure Plan \$52,920,000.00~~
- ~~• Halchita to Kayenta Water Supply Project \$130,000,000.00~~
- ~~• Leupp Dilkon Pipeline, Phase II Luepp to Dilkon Water Supply Project \$18,000,000.00~~
- ~~• Alamo \$10,250,000.00~~

JMN  
mx

- ~~Alamo - Community Water Systems Upgrades (\$9,000,000.00)~~
- ~~Alamo Springs Well Connection (\$250,000.00)~~
- ~~Alamo - New Well and Treatment System (\$1,000,000.00)~~

~~\$219,170,000.00 TOTAL~~

- H. ~~The allocation of the \$219,170,000.00 for these Projects meets the statutory criteria for Síhasin expenditures because these Projects involve "infrastructure supporting economic development and community development" and "waterline" projects, as mentioned in 12 N.N.C. § 2502(A) (1) .~~ JMN  
mL
- I. ~~The allocation of the \$219,170,000.00 for these Projects meets the statutory preference for leveraging Síhasin funds, as mentioned in 12 N.N.C. § 2502(C), because other funding sources have been approved or designated, or will be sought, for these Projects.~~ JMN  
mL
- J. ~~The Navajo Nation Water Management Branch ("NNWMB") will perform or provide planning and design, engineering and technical services, construction work, and overall project management for these Projects. The Navajo Tribal Utility Authority ("NTUA") will perform operation and maintenance for these Projects.~~ JMN  
mL

### SECTION THREE. APPROVAL OF SÍHASIN FUNDING AND ADOPTION OF EXPENDITURE PLAN

- A. The Navajo Nation hereby approves and adopts funding for the Western Navajo Pipeline Phase 1 Project Expenditure Plan in the amount of \$58,225,000 from the Navajo Nation Síhasin Fund, in accordance with 12 N.N.C. § 2505(A) .
- B. The Navajo Nation hereby approves and adopts the Western Navajo Pipeline Phase 1 Project Expenditure Plan, attached as Exhibit A.
- C. ~~The Navajo Nation hereby approves and adopts funding for the NNWMB Projects identified in this legislation and Exhibit B, in the amount of \$219,170,000.00 from the Navajo Nation Síhasin Fund, in accordance with 12 N.N.C. § 2502(A) .~~ JMN  
mL



- D. ~~The Navajo Nation hereby approves and adopts the NNWMB Projects Expenditure Plan, identified in this legislation and in Exhibit B.~~ JMN  
mz
- E. The Síhasin Funds allocated for the Western Navajo Pipeline Phase 1 Project Expenditure Plan, ~~and the NNWMB Projects Expenditure Plan~~, may be further leveraged by bond or loan financing pursuant to the Navajo Nation Bond Financing Act, 12 N.N.C. § 1300 et seq., as amended, using Síhasin Fund earnings for repayment and financing costs upon the recommendation of the Budget and Finance Committee and approval by a two-thirds (2/3) vote of all members of the Navajo Nation Council. JMN  
mz

#### SECTION FOUR. APPROVAL AND ADOPTION OF EXPENDITURE PLAN ADMINISTRATION

The Navajo Nation Council hereby approves administration of the Western Navajo Pipeline Phase 1 Project Expenditure Plan, ~~and the NNWMB Projects Expenditure Plan~~, as follows: JMN  
mz

- A. The Navajo Nation Controller shall determine whether the source of the annual allocations from the total allocation of \$58,225,000 will be Síhasin Fund Principal or Income or a combination of both.
- B. The Síhasin funding for the Western Navajo Pipeline Phase 1 Project will be distributed to the Navajo Nation Water Management Branch within ten (10) days after the effective date of this legislation. The NNWMB shall be responsible for carrying out the Project, in accordance with the Western Navajo Pipeline Phase 1 Project described in **Exhibit A**.
- C. The Síhasin funds allocated for the Western Navajo Pipeline Phase 1 Project shall be used solely to design, plan, and/or construct the Western Navajo Pipeline Phase 1 Project described in **Exhibit A**. Any and all cost-savings shall be returned to the Síhasin Fund once the project is completed.
- D. The funds allocated for the Western Navajo Pipeline Phase 1 Project shall not lapse on an annual basis pursuant to 12 N.N.C. § 820(N), however, any funds not spent or encumbered within thirty-six (36) months of the date funds are made available to the NNWMB shall revert to the Síhasin Fund principal, unless otherwise recommended by the Resources and Development Committee of the Navajo Nation Council and approved by the Naabik'íyáti' Committee.

- E. The Western Navajo Pipeline Phase 1 Project shall be constructed by the NNWMB, and operation, maintenance and repairs for the Project shall be performed by the NTUA.
- F. ~~The Navajo Nation Controller shall determine whether the source of the annual allocations from the total allocation of \$219,170,000.00 for the NNWMB Projects identified in this legislation and in Exhibit B will be Síhasin Fund Principal or Income or a combination of both.~~ JMN ML
- G. ~~The \$219,170,000.00 in Síhasin funding for the NNWMB Projects identified in this legislation and in Exhibit B will be distributed to the Navajo Nation Water Management Branch within ten (10) days after the effective date of this legislation. The NNWMB shall be responsible for carrying out these Projects.~~ JMN ML
- H. ~~The Síhasin funds allocated for the NNWMB Projects identified in this legislation and in Exhibit B shall be used solely to design, plan, and/or construct the NNWMB Projects identified in this legislation and in Exhibit B. Any and all cost-savings shall be returned to the Síhasin Fund once the project is completed.~~ JMN ML
- I. ~~The funds allocated for the NNWMB Projects identified in this legislation and in Exhibit B shall not lapse on an annual basis pursuant to 12 N.N.C. § 820(N), however, any funds not spent or encumbered within thirty-six (36) months of the date funds are made available to the NNWMB shall revert to the Síhasin Fund principal, unless otherwise recommended by the Resources and Development Committee of the Navajo Nation Council and approved by the Naabik'íyáti' Committee.~~ JMN ML
- J. ~~The NNWMB Projects identified in this legislation and in Exhibit B shall be constructed by the NNWMB, and operation, maintenance and repairs for the Project shall be performed by the NTUA.~~ JMN ML

#### SECTION FIVE. DIRECTIVES

The Navajo Nation Water Management Branch shall report the status of the NNWMB Projects approved in this legislation to the Resources and Development Committee, and to the Naabik'íyáti' Committee, on a quarterly basis.

#### SECTION SIX. EFFECTIVE DATE

This legislation and the Navajo Nation Water Management Branch Projects approved herein shall become effective pursuant to 12 N.N.C. § 2505.

#### SECTION SEVEN. SAVING CLAUSE

Should any provision(s) of this Act be determined invalid by the Navajo Nation Supreme Court or the District Courts of the Navajo Nation, without appeal to the Navajo Nation Supreme Court, the remainder of the Act shall remain the law of the Navajo Nation.

#### SECTION EIGHT. SÍHASIN FUND REIMBURSEMENT

The Síhasin Fund shall be reimbursed, in the amount of the expenditure authorized in this legislation, from prospective funds available to the Navajo Nation from any and all appropriate state and federal sources, including Congressional appropriation under the American Rescue Plan Act of 2021 or other COVID-19 related relief.

#### CERTIFICATION

I hereby certify that the foregoing resolution was duly considered by the 24<sup>th</sup> Navajo Nation Council at a duly called meeting in Window Rock, Navajo Nation (Arizona), at which a quorum was present and that the same was passed by a vote of 23 in Favor, and 00 Opposed, on this 21<sup>th</sup> day of July 2021.

  
Honorable Seth Damon, Speaker  
24<sup>th</sup> Navajo Nation Council

July 22, 2021  
DATE

Motion: Honorable Daniel E. Tso  
Second: Honorable Carl R. Slater

Speaker Seth Damon not voting



ACTION BY THE NAVAJO NATION PRESIDENT:

1. I, hereby, sign into law the foregoing legislation, pursuant to 2 N.N.C. § 1005 (C)(10), on this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Jonathan Nez, President  
Navajo Nation

2. I, hereby, veto the foregoing legislation, pursuant to 2 N.N.C. § 1005 (C)(11), on this \_\_\_\_\_ day of \_\_\_\_\_, 2021 for the reason(s) expressed in the attached letter to the Speaker.

\_\_\_\_\_  
Jonathan Nez, President  
Navajo Nation

3. I, hereby, exercise line-item veto pursuant to the budget line-item veto authority delegated to the President by vote of the Navajo People in 2009, on this 01 day of August, 2021.

Jonathan Nez upon letter  
Jonathan Nez, President  
Navajo Nation

# Western Navajo Pipeline Phase 1 & Antelope Canyon Development Area

## Project Descriptions

The projects include the design and construction of:

- **LeChee Water Treatment Plant:** Design and construction of a Navajo Nation 1 MGD Water Treatment Plant for the LeChee Chapter and the Antelope Canyon Economic Development corridor. Project includes a 200,000 – gallon finished water storage tank.
- **LeChee Pipeline & Booster Pump Station:** Design and construction of approximately 19,400 linear feet of 12-inch raw water transmission pipeline from the existing Navajo Generating Station (NGS) Lake Powell Intake to the proposed Water Treatment Plant and approximately 24,400 linear feet 12-inch finished water transmission pipeline from the plant to the LeChee existing Storage Tanks 1 and 2. Design includes a Booster Pump Station to convey finished water from the proposed water treatment plant to the LeChee Storage Tanks.
- **NGS Lake Powell Intake Modifications:** Design of the Lake Powell Intake to provide water to the proposed LeChee Water Treatment Plant. Includes modifications of the Lake Powell Intake facilities to include new pump and piping design and construction.
- **Bodaway-Gap Supply Well, Pipeline, and Storage Tank:** Design & construction of a new water supply well; design & construction of approximately 33,600 linear feet of 10-inch transmission pipe from Coppermine proposed wellfield to Bodaway-Gap water system existing Tank. Design includes an 80,000 – gallon storage tank that will provide water storage for the Gap Water System, a proposed health clinic, and the IHS Koko pipeline extending water to 32 existing homes.
- **Cedar Ridge Booster Pump Stations & Pipeline:** Design and construction of approximately 40,000 linear feet of 10-inch distribution pipe, replacement of existing Bodaway-Gap Booster Pump Station 1 at a lower elevation (510 gpm booster pump station), and replacement of the existing Bodaway Gap Booster Pump Station 2 (500 gpm booster pump station).
- **Cameron Booster Pump Stations:** Design and construction of a booster pump station with a capacity of 200 gpm to increase the capacity of the existing pipeline connecting Bodaway-Gap and Cameron water systems. Two small 30 gpm booster pump stations are also included to boost water pressure for a few home sites west of US 89 between Gap and Cameron.
- **Antelope Canyon Water Infrastructure:** Design and construction of a booster pump with a capacity of 70 gpm, 250,000-gallon storage tank and approximately 22,400 linear feet of 12-inch distribution piping to serve proposed development.
- **Antelope Canyon Wastewater Infrastructure:** Design and construction of approximately 23,000 linear feet of 8-inch gravity collection system, two sewer lift stations, 12,800 linear feet of 4-inch sewer force main, and a new 1 MGD wastewater lagoon treatment system.
- **Antelope Marina Water Infrastructure:** Design and construction of approximately 22,270 linear feet of 12-inch distribution pipe.
- **Antelope Marina Wastewater Infrastructure:** Design and construction of approximately 17,610 linear feet of 6-inch sanitary sewer force main and sewer lift station.

### Timeline

2017 - 2024

### Funding & Cost Estimate

Total Funding: **\$26,040,000**

(Sihasin: \$3,000,000) ✓

(PTF: \$21,390,000) ✓

(NN Parks Dept.: \$1,500,000) ✓

(BIA: \$150,000) ✓

#### Western Navajo Pipeline

Cost Est.: **\$44,991,000**

(Engineering: \$7,394,000)

(WTP 10YR OB: \$2,500,000)

(Construction: \$35,097,000)

#### Antelope Canyon Developers

Cost Est.: **\$30,734,000**

(Engineering: \$5,636,000)

(Construction: \$25,098,000)

#### Antelope Marina

Cost Est.: **\$8,540,000**

(Engineering: \$1,449,000)

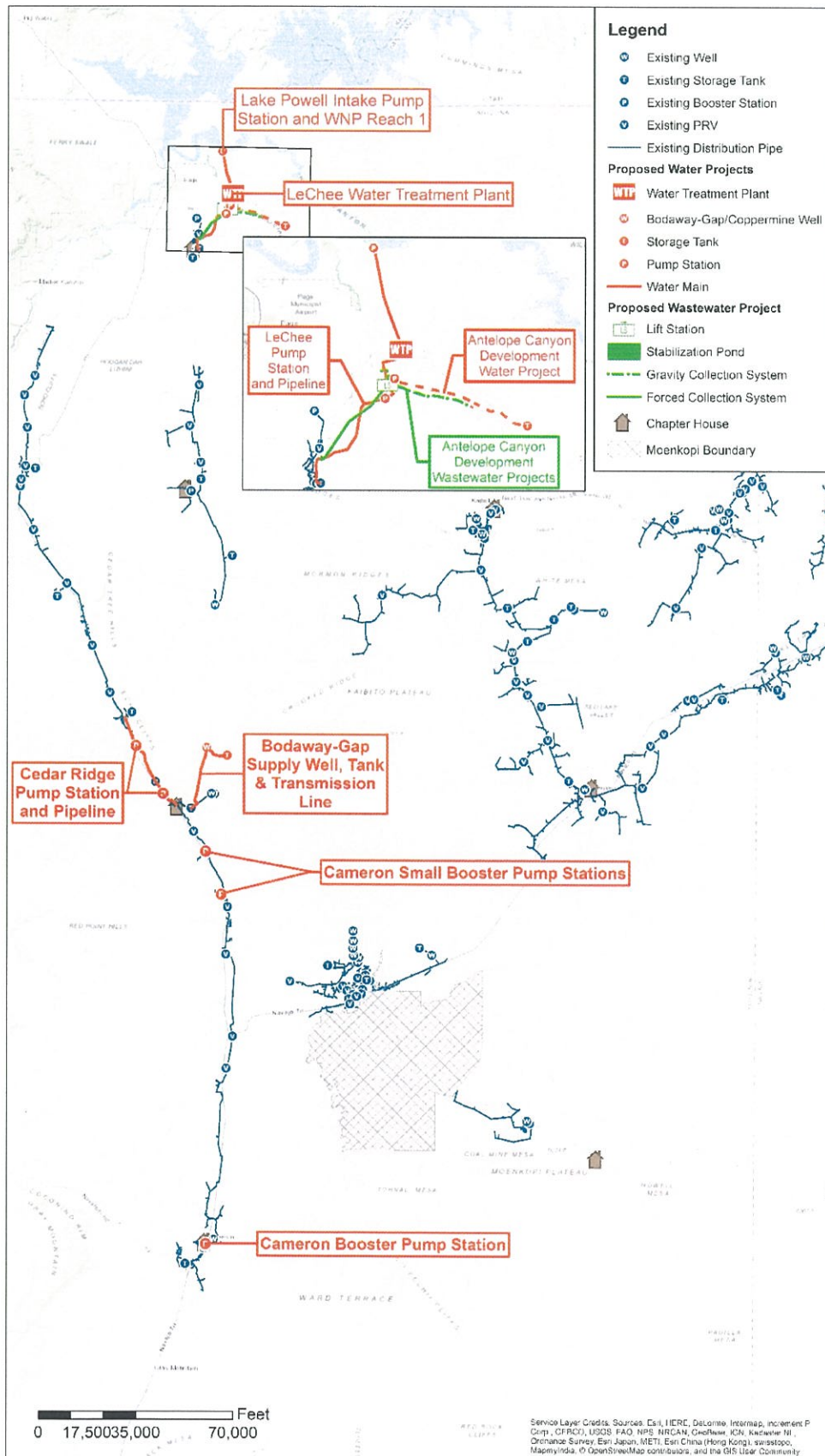
(Construction: \$7,091,000)

### Total Cost Estimate:

**\$84,265,000**

### Funding Shortfall:

**(\$58,225,000)**





Report Reference

Shasin Water and Wastewater Development Projects

Program	Project Description	Total Requested Amount	Annual Allocation															
			Year 1 - 2016		Year 2 - 2017		Year 3 - 2018		Year 4 - 2019		Year 5 - 2020		Year 6 - 2021					
			Shasin	PTF	Shasin	PTF	Shasin	PTF	Shasin	PTF	Shasin	PTF	Shasin	PTF				
NTUA	Lower Greenwood Water Treatment Plant (\$7,270,000)	\$1,220,000	\$1,220,000															
NTUA	Aspen Water Treatment Plant (\$650,000)	\$400,000	\$200,000			\$400,000												
NTUA	Montezuma Creek Treatment Plant (\$1,200,000)	\$450,000				\$450,000												
NTUA	Nevada Wastewater Treatment Plant (\$1,430,116)	\$250,000				\$250,000												
NTUA	Tuba City Wastewater Treatment Plant (\$18,818,691)	\$18,818,691	\$1,000,000			\$4,000,000			\$4,000,000			\$4,000,000		\$1,000,000				
NTUA	Reynolds Wastewater Treatment Plant (\$13,487,781)	\$18,487,781	\$1,000,000			\$4,000,000			\$4,000,000			\$4,000,000		\$1,000,000				
NTUA	NTUA Emergency Reserve and Replacement Fund	\$10,000,000	\$2,000,000			\$2,000,000			\$2,000,000			\$2,000,000		\$2,000,000				
1 WMB	Smith Lake Well Repl. Ph1, Mariano Booster (\$351,000)	\$178,500																
	Business Unit for above project																	
2 WMB	Smith Lake Well Repl. Ph2, Cassamers Well (\$1,783,000)	\$891,500																
	Business Unit for above project																	
NTUA	Telemetry and Controls	\$900,000	\$900,000															
NTUA	Peliss Booster Station Upgrades	\$1,100,000	\$1,100,000															
NTUA	LA Station Upgrades	\$1,500,000	\$500,000			\$500,000			\$500,000			\$500,000		\$500,000				
NTUA	Pipeline Upgrades	\$800,000	\$200,000			\$200,000			\$200,000			\$200,000		\$200,000				
NTUA	PIRVs Upgrades	\$1,500,000	\$300,000			\$300,000			\$300,000			\$300,000		\$300,000				
NTUA	Valve Replacement	\$1,250,000	\$250,000			\$250,000			\$250,000			\$250,000		\$250,000				
NTUA	Non-pressurized Well Upgrades	\$1,200,000	\$300,000			\$300,000			\$300,000			\$300,000		\$300,000				
NTUA	Headgate Upgrades	\$300,000	\$300,000															
3 WMB	Cutter Lateral Eastern Navajo Water Pipeline	\$4,000,000																
	Business Unit for above project																	
NTUA	Chinle WTP Phase 1 (\$4,430,000)	\$4,000,000	\$2,000,000			\$2,000,000						\$0		\$0				
NTUA	Shogren WWTP Ph1 (all phases \$19,151,210)	\$9,300,000										\$3,000,000		\$3,000,000				
4 WMB	Chapter Water CIP Plans - 2016a	\$500,000																
	Business Unit for above project																	
5 WMB	Chapter Water CIP Plans - 2017b	\$809,000																
	Business Unit for above project																	
6 WMB	Chapter Water CIP Plans - 2018	\$500,000																
	Business Unit for above project																	
7 WMB	Chapter Wastewater CIP Plans - 2018	\$500,000																
	Business Unit for above project																	
8 WMB	Chapter Water CIP Plans - 2018	\$600,000																
	Business Unit for above project																	
9 WMB	Chapter Water CIP Plans - 2020	\$500,000																
	Business Unit for above project																	
NTUA	Indian Health Service SDB Projects - 2018	\$1,067,000																
10 WMB	Pinon Additional Well	\$1,067,000																
	Business Unit for above project																	
11 WMB	Reynolds Pipeline Area	\$400,000																
	Business Unit for above project																	
12 WMB	Rock Point Well and E&E	\$2,000,000																
	Business Unit for above project																	
13 WMB	Rockaway Booster Station Upgrade	\$184,000																
	Business Unit for above project																	
14 WMB	Smith Lake Well Completion (\$1.3M)	\$800,000																
	Business Unit for above project																	
15 WMB	Chinle - Alamosa Water Line Design	\$1,500,000																
	Business Unit for above project																	
16 WMB	Rockaway Extension Phase 1 and 2	\$8,000,000																
	Business Unit for above project																	
17 WMB	Lake Powell Intake (Part of Western Navajo Pipeline)	\$7,950,000	\$500,000															
	Business Unit for above project																	
18 WMB	Western Navajo Pipeline Ph1	\$16,400,000	\$1,000,000															
	Business Unit for above project																	
19 WMB	Southwest Water Pipeline	\$19,500,000	\$1,500,000															
	Business Unit for above project																	
20 WMB	Thoreau Back Haystack Well	\$1,400,000																
	Business Unit for above project																	
NTUA	NTUA O&M Fund	\$10,000,000	\$2,000,000			\$2,000,000			\$2,000,000			\$2,000,000		\$2,000,000				
21 WMB	Indian Health Service SDB Projects - 2018 to 2020	\$7,900,000																
	Business Unit for above project																	
22 WMB	Tuba City Well and Connection	\$533,000																
	Business Unit for above project																	
23 WMB	Arden Colliester Loop Phase 1	\$2,418,000																
	Business Unit for above project																	
24 WMB	Covered Radio Tower Phase 1	\$300,000																
	Business Unit for above project																	
25 WMB	Covered Radio Tower Phase 2	\$1,200,000																
	Business Unit for above project																	
26 WMB	Covered Radio Tower Phase 3	\$1,900,000																
	Business Unit for above project																	
27 WMB	Project Management	\$1,500,000	\$300,000			\$300,000			\$300,000			\$300,000		\$300,000				
	Business Unit for above project																	
NTUA	Project Management	\$1,500,000	\$300,000			\$300,000			\$300,000			\$300,000		\$300,000				
28 WMB	San Juan Tunnel Pipeline Construction Plan	\$500,000																
	Business Unit for above project																	
29 WMB	Cutter Lateral O&M fund	\$2,000,000																
	Business Unit for above project																	
	Exhibit C Shasin SDB Projects	\$79,029,952																
	Business Unit for above project																	
	Total	\$248,425,924	\$18,070,000	\$4,161,000	\$46,750,000	\$12,639,000	\$37,525,912	\$15,750,000	\$34,150,000	\$16,450,000	\$29,850,000	\$19,250,000	\$14,029,952					
ACCOUNT BALANCES: January 23, 2020																		
FUNDING SOURCE		STAFF	PERSONNEL BUDGET	ACTUAL EXPENSE	BALANCE	% SPENT	OPERATING BUDGET	ACTUAL EXPENSE	BALANCE	% SPENT	TOTAL FMS Budget					Total Expected Budget Entry through 2019	Difference = Expected - Entered	
Shishin Funds																		
N01338						0%	11,280,000	6,991,500	4,288,500	62%	\$11,200,000					\$11,200,000	\$0	
N01340						0%	2,000,000	2,000,000		100%	\$2,000,000					\$2,000,000	\$0	
N01339						0%	1,000,000	633,869	366,131	37%	\$1,000,000					\$1,000,000	\$0	
N01358	2	508,561	162,435	346,126	32%	691,439	244,468	447,011	35%	\$1,200,000					\$1,200,000	\$0		
N01357						0%	20,000,000	0	20,000,000	0%	\$20,000,000					\$20,000,000	\$0	
N01429						0%	15,000,000	545,000	14,455,000	4%	\$15,000,000					\$15,000,000	\$0	
NEW-HAIRS 2019 SDB Projects																		
Subtotal							49,891,439	10,055,100	39,836,339	20%						\$0	\$15,000,000	\$15,000,000
Permanent Trust Funds																		
N01341						0%	2,100,000	1,068,479	1,031,521	51%	\$2,100,000					\$2,100,000	\$0	
N01342						0%	4,613,000	2,116,758	2,496,242	46%	\$4,613,000					\$4,613,000	\$0	
N01343						0%	800,000	633,869	166,131	77%	\$800,000					\$800,000	\$0	
N01344						0%	1,500,000	183,050	1,316,950	12%	\$1,500,000					\$1,500,000	\$0	
N01345						0%	500,000	500,000	0	100%	\$500,000					\$500,000	\$0	
N01353						0%	609,000	39,750	569,250	7%	\$609,000					\$609,000	\$0	
N01354						0%	609,000	595,990	13,010	98%	\$609,000					\$609,000	\$0	
N01355						0%	500,000	0	500,000	0%	\$500,000					\$500,000	\$0	
N01356						0%	1,400,000	423,612	976,388	30%	\$1,400,000					\$1,400,000	\$0	
N01359						0%	4,169,000	2,267,500	1,901,500	54%	\$4,169,000					\$4,169,000	\$0	
N01430						0%	3,300,000	1,174,126	2,125,874	36%	\$3,300,000					\$3,300,000	\$0	
N01431						0%	500,000	0	500,000	0%	\$500,000					\$500,000	\$0	
N01432						0%	500,000	0	500,000	0%	\$500,000					\$500,000	\$0	
N01433						0%	6,950,000	14,819	6,935,181	3%	\$6,950,000					\$11,950,000	\$5,000,000	
N01434						0%	2,000,000	0	2,000,000	0%	\$2,000,000					\$3,900,000	\$1,900,000	
N01435						0%	2,000,000	96,304	1,903,696	5%	\$2,000,000					\$7,700,000	\$5,700,000	
N01436						0%	500,000	0	500,000	0%	\$500,000					\$500,000	\$0	
Chapter Water CIP Plans - 2019																		
Denehotso - Baby Rocks																		
Cousins Radio Tower Phase 2																		
Cutter Lateral O&M fund																		



United States Department of the Interior  
BUREAU OF INDIAN AFFAIRS  
Navajo Regional Office  
P.O. Box 1060  
Gallup, New Mexico 87305

IN REPLY REFER TO:  
N303 - Branch of Indian Self-Determination

SEP 20 2019

Honorable Jonathan Nez  
President, Navajo Nation  
P.O. Box 7440  
Window Rock, Arizona 86515

Dear President Nez:

Enclosed is a fully executed Modification No. 35 for Pub. L. 93-638 Contract No. A15AV00083, Water Monitoring & Inventory Program.

This modification is issued to increase the Contract amount \$150,000, which represents the distribution of ONE-TIME funds to develop a preliminary and 60 percent design report as outline under Attachment A - Lake Powell Preliminary and 60 Percent Design Reports Proposal. The Water Monitoring & Inventory Program's approved Calendar Year 2019 Scope of Work supports the one-time funding activity.

The deliverables for each task is identified as follows:

- Task 1 (Preliminary Design). Engineer will prepare a 60% final set of plans and 60% specifications. The Engineer will provide two reproducible electronic files (pdf on CDs/thumb drive) of the 60% plans and 60% specifications.
- Task 2 (Final Design) 60% Final Plans and 60% Specifications (2 sets) and cost estimate.

The schedule for each task is identified as:

- Task 1 (Preliminary Design)
  - \*Pre-Design Analysis & Report: Begins September 20, 2019 and ends on March 31, 2020
  - \*Pre-Design Report Review: Begins April 1, 2020 to June 1, 2020
- Task 2 (Final Design)
  - \*Intake 60% Design: Begin April 2, 2020 to October 1, 2020
  - \*60% Design Submit & Review: Begin October 2, 2020 to December 31, 2020

This one-time funded project's performance measure and expenditures will be included in the annual narrative and federal financial reports and thereafter for the life of the project.

All other contract terms and conditions remain the same and in full force and effect.

The funds are obligated and available for draw down through the Automated Standard Application for Payment system.

Should you have any questions, please contact Michelle Begaye, Awarding Official's Technical Representative (AOTR), at (505) 863-8347 or contact me at (505) 863-8401.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeanette Chunt". The signature is fluid and cursive, with a long horizontal stroke at the end.

Awarding Official  
BIA-2017-L2-000039

Enclosures

cc: Michelle Begaye AOTR  
Jason John, NN Water Management Branch



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0035		3. EFFECTIVE DATE 09/20/2019		4. REQUISITION/PURCHASE REQ. NO. 0020194202	
5. PROJECT NO. (If applicable) WATER MONITORIN		6. ISSUED BY BIA NAVAJO 00009 301 WEST HILL ROOM 346 Contracting Office Gallup NM 87301		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) NAVAJO NATION TRIBAL GOVERNMENT, THE Attn: Contracting Officer 2 MILES N OF HWY 264 WINDOW ROCK AZ 86515-1480		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. A15AV00083	
				10B. DATED (SEE ITEM 13) 01/06/2015	
CODE 0070120067		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

\$150,000.00

01

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) P.L. 93-638, as amended and 25 CFR Part 900

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

CFDA Number: 15.037

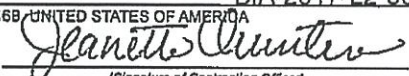
DUNS Number: 009001702+0000

Contract No. A15AV00083, Water Monitoring & Inventory Program, is hereby modified as follows:

1. To increase the Contract amount by \$150,000.00 from \$4,593,793.12 to \$4,743,793.12, which represents the distribution of ONE-TIME funds to develop a preliminary and 60 percent design report as outline under Attachment A - Lake Powell Preliminary and 60 Percent Design Reports Proposal. The Water Monitoring & Inventory Program's approved Calendar Year 2019 Scope of Work supports the one-time funding activity.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Authorized Unilateral Modification by letter dated 02/14/2019, to the Navajo Nation.		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Awarding Official Jeanette Quintero BIA-2017-12-000039	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED 9-20-2019	

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
A15AV00083/0035

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR  
NAVAJO NATION TRIBAL GOVERNMENT, THE

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>2. The deliverables for each task is identified as follows:</p> <p>Task 1 (Preliminary Design). Engineer will prepare a 60% final set of plans and 60% specifications. The Engineer will provide two reproducible electronic files (pdf on CDs/thumb drive) of the 60% plans and 60% specifications. is and Task 2 (Final Design) in the proposal.</p> <p>Task 2 (Final Design) 60% Final Plans and 60% Specifications (2 sets) and cost estimate.</p> <p>3. The schedule for each task is identified as:</p> <p>Task 1 (Preliminary Design)</p> <p>*Pre-Design Analysis &amp; Report: Begins September 20, 2019 and ends on March 31, 2020</p> <p>*Pre-Design Report Review: Begins April 1, 2020 to June 1, 2020</p> <p>Task 2 (Final Design)</p> <p>*Intake 60% Design: Begin April 2, 2020 to October 1, 2020</p> <p>*60% Design Submit &amp; Review: Begin October 2, 2020 to December 31, 2020</p> <p>4. The one-time project performance measure and expenditures will be include in the annual narrative and federal financial reports and thereafter for the life of the project.</p> <p>5. All other contract terms and conditions remain the same and in full force and effect.</p> <p>Account Assignm: K G/L Account: 6100.252I0 Business Area: A000 Commitment Item: 252I00 Cost Center: AANN00780T Functional Area: A0N9A0505.999900 Fund: 189A2100DD Fund Center: AANN00780T PR Acct Assign: 01 Period of Performance: 01/01/2015 to 12/31/2019</p>				
00540	One Time Funds NGS Lake Powell Intake Prelim. & 60% Des Obligated Amount: \$150,000.00				150,000.00



**CONTINUATION SHEET**
**Contract No. A15AV00083**
**Page 3**
**NAME OF CONTRACTOR**
**THE NAVAJO NATION - Water Monitoring & Inventory Program**
**Modification No.35**
**FINANCIAL INFORMATION FOR OBLIGATION**

L/I	APPROPRIATION DATA	CONTRACT BALANCE	INCREASE DECREASE	NEW TOTAL
001	AANN00780T 156A2100DD A0N9D4040 252I00 TPA	\$ 245,362.00	\$ -	\$ 245,362.00
	AANN00780T 156A2100DD A0T937070 252I00 DCSC	\$ 16,678.00	\$ -	\$ 16,678.00
	AANN00780T 156A2100DD A0R312020 252I00 ONE TIME	\$ 208,000.00	\$ -	\$ 208,000.00
	AANN00780T 156A2100DD A0N342020 252I00 ONE TIME	\$ 84,000.00	\$ -	\$ 84,000.00
	<b>CY 2015 CONTRACT TOTAL</b>	<b>\$ 554,040.00</b>	<b>\$ -</b>	<b>\$ 554,040.00</b>
	AANN00780T 167A2100DD A0N9D4040 252I00 TPA#1	\$ 246,935.00	\$ -	\$ 246,935.00
	AANN00780T 167A2240DD A3T937070.999900 252I DCSC	\$ 43,123.00	\$ -	\$ 43,123.00
	AANN00780T 167A2100DD A3N42020.999900 252I ONE TIME	\$ 286,750.00	\$ -	\$ 286,750.00
	AANN00780T 167A2100DD A0R312020.999900 252I ONE TIME	\$ 541,433.98	\$ -	\$ 541,433.98
	<b>CY 2016 CONTRACT TOTAL</b>	<b>\$ 1,118,241.98</b>	<b>\$ -</b>	<b>\$ 1,118,241.98</b>
	AANN00780T 178A2100DD A0N9D4040 252I00	\$ 246,934.00	\$ -	\$ 246,934.00
	AANN00780T 178A2100DD A0N9D4040 252I00 Paycost	\$ 210.00	\$ -	\$ 210.00
	AANN00780T 178A2100DD A0N342020.999900 252I	\$ 225,000.00	\$ -	\$ 225,000.00
	AANN00780T 178A2240DD A3T937070.999900 252I DCSC	\$ 20,206.00	\$ -	\$ 20,206.00
	AANN00780T 178A2240DD A3T957575.999900 252I DCSC	\$ 322.00	\$ -	\$ 322.00
	<b>CY 2017 CONTRACT TOTAL</b>	<b>\$ 492,672.00</b>	<b>\$ -</b>	<b>\$ 492,672.00</b>
	AANN00780T 189A2100DD A0N9D4040.999900 252I00 TPA	\$ 249,721.00	\$ -	\$ 249,721.00
	AANN00780T 178A2100DD A0N342020.999900 252I One-Time	\$ 75,000.00	\$ -	\$ 75,000.00
	AANN00780T 178A2100DD A0R312020.999900 252I One-Time	\$ 651,000.00	\$ -	\$ 651,000.00
	AANN00780T 178A2100DD A0R312020.999900 252I One-Time	\$ 175,000.00	\$ -	\$ 175,000.00
	AANN00780T 178A2100DD A0R312020.999900 252I One-Time	\$ 30,000.00	\$ -	\$ 30,000.00
	AANN00780T 178A2100DD A0R312020.999900 252I One-Time	\$ 4,992.12	\$ -	\$ 4,992.12
	AANN00780T 189A2100DD A0N342020.999900 252I One-Time	\$ 275,000.00	\$ -	\$ 275,000.00
	AANN00780T 189A2100DD A0R312020.999900 252I One-Time	\$ 639,000.00	\$ -	\$ 639,000.00
	AANN00780T 189A2240DD A3T937070.999900 252I DCSC	\$ 30,254.00	\$ -	\$ 30,254.00
	AANN00780T 189A2240DD A3T947575.999900 252I DCSC	\$ 20,379.00	\$ -	\$ 20,379.00
	<b>CY 2018 CONTRACT TOTAL</b>	<b>\$ 2,150,346.12</b>	<b>\$ -</b>	<b>\$ 2,150,346.12</b>
	AANN00780T 190A2100DD A0N9D4040.999900 252I00 TPA	\$ 250,612.00	\$ -	\$ 250,612.00
	AANN00780T 189A2100DD A0N342020.999900 252I One-Time	\$ 3,017.73	\$ -	\$ 3,017.73
	AANN00780T 189A2100DD A0R312020.999900 252I One-Time	\$ 969.29	\$ -	\$ 969.29
	AANN00780T 190A2240DD A3T937070.999900 252I DCSC	\$ 23,894.00	\$ -	\$ 23,894.00
	AANN00780T 189A2100DD A0N9A0505.999900 252I One-Time	\$ -	(+) \$ 150,000.00	\$ 150,000.00
	<b>CY 2019 CONTRACT TOTAL</b>	<b>\$ 278,493.02</b>	<b>(+) \$ 150,000.00</b>	<b>\$ 428,493.02</b>
	<b>TOTAL CONTRACT AMOUNT</b>	<b>\$ 4,593,793.12</b>	<b>(+) \$ 150,000.00</b>	<b>\$ 4,743,793.12</b>



**Lake Powell Intake Preliminary and 60 Percent Design Reports Proposal**  
**Water Management Branch of**  
**Navajo Department of Water Resource**  
**September 18, 2019**

**Background and Needs Statement**

The Lake Powell Intake Project needs design reports developed for modifications to the current Lake Powell NGS Intake which will provide water to the proposed LeChee Water Treatment Plant, and the LeChee Pipeline & Booster Pump Station. The Lake Powell Intake, LeChee Water Treatment Plant, and LeChee Pipeline, Booster Pump Station projects help create solutions for current and near-term domestic, municipal, commercial and livestock water demands for the growing community of LeChee, AZ, the Antelope Canyon Development area and surrounding Navajo residents. These improvements are a part of a larger project, the Western Navajo Pipeline Project, Phase 1, which will deliver water to communities on the western side of the Navajo Nation. Western Navajo communities are potential recipients for receiving water from Lake Powell contingent upon agreements between the Navajo Nation, State of Arizona, and federal agencies.

In 1955, the LeChee Chapter was formed. Since then, the population has grown over the years with the development of the Glen Canyon Dam and Navajo Generating Station, and increased tourism interests. The population is projected to increase to 1,981 by 2020 and to 3,321 in 2060, according to at 1.3 percent annual growth rate since 2010 population of 1,741 (LeChee Chapter Water Plan 2016; US Census 2010). According to Census 2010, the total number of housing units was 479 with an average household size of 4.1 persons per household. Data to evaluate the increase in total number of households for 2020 and 2060 was not available; however, there is an expected increase in the total number of houses projected with population increases. Two sites located in the northern and southern portions of LeChee have been selected for future residential development; along Navajo Route 20, the LeChee community has proposed future commercial development (LeChee Chapter Water Plan 2016). In addition to housing and commercial developments, the LeChee Chapter would like to develop a public safety facility, preschool and nursery/daycare facilities. Another proposed development is a renewable energy facility, LeChee Solar Energy Project.

With the current and future water demands, there is a need for water infrastructure projects, including the Lake Powell Intake, LeChee Water Treatment Plan, and the LeChee Pipeline, Booster Pump Station or agriculture uses. The closure of the Navajo Generating Station (NGS) provides a unique opportunity to repurpose the Lake Powell NGS Intake with modifications to change from industrial to municipal water use.

### **Task 1., Preliminary Design.**

Engineer will develop a preliminary design for modifications to the Lake Powell Intake to pump water from the Intake to the proposed Water Treatment Plant. Preliminary design will build on the Lake Powell Intake Plan Formulation report. A detailed preliminary design analysis will be conducted to determine the recommend modifications to include pump sizing/recommended options, piping, electrical, site modifications. The water is planned to be used for current and future domestic, municipal, commercial and livestock purposes.

#### **Preliminary Operational Strategy, Pump Selection and Hydraulic Analysis.**

From this analysis preliminary selection and sizing will be developed for critical components of the system such as: pump selection/sizing, operation levels/controls, back-up power requirements, and initial control valve settings.

#### **Coordination with Stakeholder Agencies and confirmation of available infrastructure.**

Engineer will coordinate with the Navajo Nation and Salt River Project (SRP) on the availability of infrastructure for the project. Engineer will coordinate the work with other stakeholder's including Navajo Tribal Utility Authority (NTUA) for items such as operational information and design criteria, companion projects, system interconnections, tie-ins, required shutdowns, and overall project schedule. This sub-task will confirm the availability of specific infrastructure, e.g. the tubes that can be used for the Western Navajo Pipeline diversion.

**Pre-design Report and Cost Estimate.** The Engineer will summarize findings from preliminary design into a pre-design report. The pre-design report will include system design criteria, preliminary drawings, a budget-level cost estimate, and proposed construction schedule for the Lake Powell Intake. The pre-design report will set design and operational criteria for final design.

#### **Deliverables:**

- Preliminary Design Report & Cost Estimate

### **Task 2. 60% Design Documents.**

The Engineer will prepare final plans and specifications for the project. Two (2) sets of printed documents shall be submitted to Water Management Branch (WMB) at the approximate 60% design level for review. Electronic versions will also be available for viewing and downloading from the Engineer's file sharing site. The design task is broken down into sub-tasks shown in Table 1.

Table 1 Lake Powell Intake Design Tasks

Subtask	Location	Design Task Descriptions
2.1	Lake Powell Intake Pump Design	<ul style="list-style-type: none"> <li>Design a new pump system to convey water from the Lake Powell Intake to the proposed Water Treatment Plant. A single set of submersible pumps in parallel is assumed to convey water from the Intake to the Water Treatment Plant.</li> </ul>
2.2	Lake Powell Intake Site Modifications	<ul style="list-style-type: none"> <li>Site modifications to NGS intake (building interior piping, building modifications, yard piping modifications, etc.) will be developed as needed for connection to proposed pipeline that will extend to the proposed Water Treatment Plant.</li> </ul>
2.3	Electrical/I&C	<ul style="list-style-type: none"> <li>Electrical (including Telemetry/Controls), Mechanical, Structural Sheets. Separate electrical, mechanical, and structural sheets will be prepared to the extent needed. The Telemetry system will be consistent with what is preferred by NTUA.</li> </ul>
2.4	Quagga Mussel Mitigation	<ul style="list-style-type: none"> <li>The Improvements will address the control of quagga mussels.</li> </ul>

### Methodology

The WMB works with consultant engineers to assist in completing the tasks.

### Meetings and Coordination.

The Engineer will meet at the 60% design level with WMB, NTUA, and NGS to review progress on the project. Monthly progress meetings will be held between the Engineer's and WMB's project manager as needed.

### Cost Estimate.

The Engineer will prepare a detailed engineer's cost estimate for the Lake Powell Intake improvements.

**Quality Assurance/Quality Control.** In-house QA/QC activities will be completed and tracked through the use of the Engineer's Project Delivery System (PDS). Senior QA/QC leads will be identified at the beginning of the project for reviewing project documents. Time and budget will



be allocated for performing the reviews. Constructability reviews will be held to evaluate sequencing, scheduling, and any cost saving methods that may be employed for the project.

**Deliverables.** The Engineer will prepare a 60% final set of plans and 60% specifications. The Engineer will provide two (2) reproducible electronic files (pdf on CDs/thumb drive) of the 60% plans and 60% specifications.

**Design Assumptions:**

- 60% Drawings will be provided using Engineer's Design Production Standard CAD standards and 60% presentation.
- Electrical, telemetry, and control modifications will be coordinated with NGS/SRP.
- Pumps and motor starters or VFDs will be provided as a package from the equipment supplier.
- Pump electrical design to include a single-line diagram, panel schedule, and site plan only. Schematic Diagrams by pumping equipment supplier.
- Pump Telemetry PLC and touchscreen programming will be provided by NTUA.
- No lighting modifications or additions.
- Design does not include motorized gates, video surveillance, security systems, fire alarm or control systems, site or equipment access control systems, telephone system, Internet service, or cathodic-protection systems, additions, or modifications.
- Power source will be provided by existing equipment by others.
- Arc-flash hazard and short-circuit studies, overcurrent protection device settings, and arc-flash hazard labeling are not included as we are adding electrical equipment loads to an existing power distribution system owned by others. Preliminary evaluation will be made only as required to determine ratings for new equipment.
- Intake Telemetry PLC and touchscreen programming will be provided by NTUA.
- Standby power is not required, source from NGS is evidently redundant or otherwise backed up.
- Existing NGS Intake electrical equipment has space to add a circuit breaker to power the new pumps.
- No new buildings or additions to existing buildings.
- No upgrades of existing buildings for Fire or other Codes.
- Space will be provided in the existing NGS Intake buildings to add new electrical power distribution and motor starter equipment, and radio Telemetry.
- Radio telemetry antenna will be provided on a pole attached to or adjacent to the NGS Intake.

**Deliverables:**

- 60% Final Plans and 60% Specifications (2 Sets)
- Cost Estimate

**Lake Powell Intake Preliminary and 60 Percent Design Fee:**

Task 1 Preliminary Design: \$70,000

Task 2 60% Design: \$80,000

**Total** **\$150,000**

**Schedule:**

Task	Preliminary Design	Start	Finish
1	Pre-Design Analysis & Report	9-20-19	31-March-20
1	Pre-Design Report Review	1-April-20	30-June-20
	<b>Final Design</b>	<b>Start</b>	<b>Finish</b>
2	Intake 60% Design	2-April-20	1-Oct-20
2	60% Design Submit & Review	2-Oct-20	31-Dec-20



**References**

Brown and Caldwell. (2016). LeChee Chapter Water Plan. Prepared for LeChee Chapter and Navajo Nation Department of Water Resources.

US Census. (2010).

[http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_135YR\\_DP02&prodType=table](http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_135YR_DP02&prodType=table) (accessed February 19, 2015).

REC'D BIA-NRO-150  
2019 SEP 19 PM4:34

Navajo Nation Summary of Proposed Budget FY 2019 - P. L. 93-638 BIA Contract			
<b>Part I. - Program Information:</b>			
A. Program / Division: Water Resources/Natural Resources			
B. Contract No.: A15AV00083			
<b>Part II. - Budget Information:</b>			
A	B	C	D
Cost Type	Title of Cost Type	Description on the purpose of the budget.	Budget Amount
2001	Personnel Salary		
2900	Fringe Benefit		
3000	Travel		
3500	Meeting		
4000	Supplies		
5000	Lease & Rental		
5500	Communication & Utilities		
6000	Repairs & Maintenance		
6500	Contractual Service	Lake Powell Intake Preliminary and Design Work	\$150,000.00
7000	Special Transactions		
8000	Assistance		
9000	Capital Outlay		
9720	Indirect Cost		
<b>Part III. - Signatures:</b> <div style="display: flex; justify-content: space-between;"> <div>             Program Manager / Date 9/19/19         </div> <div>             Division Director / Date 9/19/19         </div> </div>			Total Budget \$150,000.00



American Rescue Plan Act Funds - NDWR Listing - April 5, 2021

Project Review and Permitting Assistance (Office Space and/or Staffing)

~~NDWR Building, warehouse, mechanic shop and a library~~  
 General Land Development Department  
 Land Department  
 Fish and Wildlife Department  
 Historic Preservation Department  
 Navajo Environmental Protection Agency  
 Other

Amounts	Subtotals	Status
\$ <del>8,000,000.00</del>		
Pending		
Pending		
Pending		
Pending		
Pending		
Pending		

\$ ~~8,000,000.00~~

Planning and Project Management Related Funding

Long-Range Water Planning Tool  
 NDWR Project Management Services

\$ 2,798,000.00	
\$ 10,000,000.00	
\$ 12,798,000.00	

Regional and Related Water Projects

Western Navajo Pipeline Phase 1 Projects  
 LeChee Chapter Watering Point  
 Halchita to Kayenta Water Supply Project  
 Leupp to Dilkon Water Supply Project (PTF/Sihasin replace)  
 Leupp Dilkon Pipeline, Phase II

\$ 58,300,000.00	
\$ 165,000.00	
\$ <del>130,000,000.00</del>	
\$ 20,500,000.00	
\$ <del>18,000,000.00</del>	
\$ 226,965,000.00	

Shovel Ready

Navajo Gallup Water Supply Project (\$260 million shortfall)  
 Segments being constructed by Navajo Nation  
 U.S. Bureau of Reclamation – FAA through 2022, Ongoing  
 Construction, Anticipated Construction through 2022  
 Cutter Lateral Startup

\$ 70,000,000.00	
\$ 182,000,000.00	
\$ 1,500,000.00	

Various Shovel Ready

\$ 253,500,000.00

Navajo Gallup Water Supply Project Connections

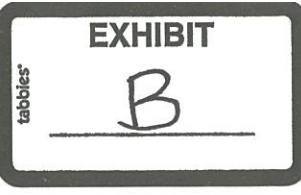
Rock Springs NGWSP Connection  
 Naschitti NGWSP Connection  
 Sheep Springs NGWSP Connection  
 Newcomb NGWSP Connection

\$ <del>2,590,000.00</del>	
\$ <del>2,090,000.00</del>	
\$ <del>2,580,000.00</del>	
\$ 3,520,000.00	

all checked items  
 below total \$219,170,000

JMN  
 MZ

JMN  
 JMN  
 JMN  
 MZ



Coyote Canyon NGWSP Connection	\$	3,470,000.00	
Sanostee Connection Phase 1	\$	9,060,000.00	
Two Grey Hills Phase 2	\$	9,360,000.00	
Narbona Pass (Sheepsprings) Phase 2	\$	3,200,000.00	
Tohatchi & Mexican Springs Phase 1	\$	9,480,000.00	
Mexican Springs Phase 2	\$	2,020,000.00	
Rock Ridge/Mitten Rock Phase 2	\$	5,550,000.00	
			<del>\$ 52,920,000.00</del>
NGWSP Local Distribution (may have some overlap with NAIHS)			
Standing Rock Waterline Extensions	\$	5,250,000.00	
Coyote Canyon Waterline Extensions	\$	5,600,000.00	
Chichiltah Supply and Water System	\$	6,400,000.00	
Tse Bonito Tseyatoh Waterline Extension	\$	550,000.00	
Huerfano / Tiis Tsoh Sikaad Capacity Upgrades	\$	7,400,000.00	
Cutter Lateral Watering Point	\$	150,000.00	
NAPI Turnout Watering Point	\$	150,000.00	
			\$ 25,500,000.00
Domestic Water Lines (Unfunded)			
Indian Health Service 2020 Feasible Projects	\$	160,000,000.00	
(some are part included to be funded by 2016 Sihasin and PTF)	\$	160,000,000.00	
Regional Domestic Water Lines Funded by Sihasin and PTF in 2016			
Sihasin potential fund replacement	\$	56,262,653.00	
Permanent Trust Fund potential fund replacement	\$	20,950,000.00	
			\$ 77,212,653.00
Recently Funded Local Projects by CJA-01-21 (Potential Fund Replacement)			
Tohajiilee - Inside Chapter Distribution Improvement	\$	2,000,000.00	Shovel Ready
Albuquerque to Tohajiilee Connection	\$	2,522,000.00	Shovel Ready
Thoreau - Baca Well Pumphouse and Water Supply Lines	\$	1,000,000.00	Shovel Ready
Eastern Navajo Water Pipeline Phases 2, 3 & 4	\$	1,860,000.00	Shovel Ready
Counselor - Lybrook System Upgrades	\$	250,000.00	Shovel Ready
Torreón Fire Hydrants	\$	151,000.00	Shovel Ready
Smith Lake Water Treatment	\$	575,000.00	Shovel Ready
			\$ 8,358,000.00
Other Local Projects (May have some overlap with NAIHS or NTUA)			

*JMD*  
*mf*



Casamero Lake - Thoreau Waterline	\$	3,400,000.00	
Chichiltah Water Supply Wells	\$	3,400,000.00	
Chichiltah Bathroom Additions	\$	5,400,000.00	
Newcomb Emergency Water Hauling Station	\$	250,000.00	
Ramah Water System Upgrades	\$	400,000.00	
Oljato Well WS Improvements	\$	1,700,000.00	
Westwater Community Well Project	\$	2,700,000.00	
Ganado Well Project	\$	2,500,000.00	
<del>Alamo - Community Water System Upgrades</del>	<del>\$</del>	<del>9,000,000.00</del>	<del>✓</del>
<del>Alamo Springs Well Connection</del>	<del>\$</del>	<del>250,000.00</del>	<del>✓</del>
<del>Alamo - New Well and Treatment System</del>	<del>\$</del>	<del>1,000,000.00</del>	<del>✓</del>
Twin Lakes Water Well Upgrades	\$	500,000.00	
Buffalo Springs Interie to Tohatchi	\$	860,000.00	
Cortez East Tank	\$	3,600,000.00	
Tuba City Well Connection	\$	6,000,000.00	
Albuquerque to Tohajilee Connection	\$	6,000,000.00	
Shiprock Veterans Center Wastewater Connection	\$	35,000.00	
Chichiltah Sewer Lagoon Upgrade	\$	260,000.00	
Alamo Sewer system improvements	\$	4,206,500.00	
Twin Lakes Residential Connections near existing NTUA system	\$	150,000.00	
	\$	51,611,500.00	
<b>Livestock and Agriculture Related Projects</b>			
5 NDWR buildings - one/agency @ \$1,500,000 each	\$	7,500,000.00	
20 - 50,000 + gallons water storage tanks	\$	2,500,000.00	
100 Pump Jacks - 9,000 each	\$	900,000.00	
100 windmills various sizes	\$	700,000.00	
Drilling new well between Coppermine and Bodaway Gap	\$	750,000.00	
Pump house, pump, storage tank and powerline			
Earthen Dam Rehabilitation	\$	10,000,000.00	
Livestock Well(s) at Pinon	\$	2,000,000.00	
Livestock Well(s) at Hardrock	\$	2,000,000.00	
Livestock Well(s) at Shonto	\$	1,000,000.00	
Burnham Bisti Well Replacement	\$	1,000,000.00	
Agriculture Project at Birdsprings/Leupp Pre-development	\$	500,000.00	




Shovel Ready



East Canyon Diablo Livestock Watering Point	\$	165,000.00	\$	29,015,000.00	
Navajo Indian Irrigation Project					
Blocks 5-8 Surface Drains	\$	31,100,000.00			
Automation and Power Factor Work	\$	21,800,000.00			
Transfer Stipulation Correction Items	\$	240,000.00			
Remaining 1988 Office of Inspector General Deficiency Items	\$	4,100,000.00			
Block 9, Stage 2 Laterals	\$	28,700,000.00			
Block 9, Stage 3 Pumping Plants, Laterals, Electrical	\$	74,600,000.00			
Block 9, Surface Drains	\$	10,900,000.00			
Block 9, Minor Construction Contracts	\$	830,000.00			
Blocks 10 and 11	\$	457,900,000.00			
Blocks 10 and 11 Surface Drains	\$	18,500,000.00			
Blocks 10 and 11, Minor Construction Contracts	\$	1,200,000.00	\$	649,870,000.00	
Upper Fruitland/Hogback Irrigation					
Hogback Pumping station	\$	3,000,000.00			Shovel Ready
Upper Fruitland Canal Cleaning project	\$	1,000,000.00			Shovel Ready
Hogback Canal Cleaning project	\$	1,000,000.00	\$	5,000,000.00	Shovel Ready
Total	\$	1,560,750,153.00	\$	1,560,750,153.00	

DRAFT  
MEMORANDUM OF AGREEMENT  
BETWEEN  
THE NAVAJO NATION  
AND  
THE NAVAJO TRIBAL UTILITY AUTHORITY

FOR THE PROCESS TO BE FOLLOWED FOR THE  
PLANNING, DESIGN, CONSTRUCTION AND OPERATION OF  
WATER SYSTEM INFRASTRUCTURE RELATED TO PHASE I OF THE  
WESTERN NAVAJO PIPELINE PROJECT

THIS AGREEMENT is between the Navajo Nation (Nation) acting through the President of the Nation; and the Navajo Tribal Utility Authority (NTUA), an enterprise of the Nation acting through its General Manager.

WHEREAS, the Nation desires satisfactory sanitation facilities for members of the Nation; and

WHEREAS, the Nation has appropriated funding for planning, design, and construction of Phase 1 of the Western Navajo Pipeline Project (Project) which will be administered by the Navajo Nation Water Management Branch (Branch); and

WHEREAS, the parties mutually agree to the Project as described in the attached Project Summary; and

WHEREAS, the Branch will be responsible for planning, design, and construction of the Project(s).

NOW THEREFORE, to plan, design, construct, and to subsequently own, operate, and maintain the Project, NTUA and the Nation agree that:

1. The Nation will provide:
  - A. A project manager designated by the Branch Manager.
  - B. The necessary engineering services to lay out the Project facilities.
  - C. All the technical direction, plans, and specifications for all construction activities of the Project, including approval of materials, quality control testing, and final acceptance of all work.
  - D. All necessary labor, tools, and equipment to construct the Project, and to procure and install materials, equipment, and supplies necessary for the proper installation of Project facilities.
  - E. The necessary transportation to deliver materials, supplies, and equipment to the Project site.
  - F. Resident Project Representative(s) who will observe construction to confirm compliance with design specifications for the Project.

2. The Nation shall notify NTUA and provide an opportunity of mutually agreed upon duration for review and comment by NTUA of the Project Summary and any changes made to the Project Summary during the duration of the Project. Upon resolution of any comments made, NTUA will issue a letter indicating concurrence with the Project Summary.
3. Prior to construction, the Nation will submit environmental compliance documents, rights-of-way, designs, construction plans, and specifications to the NTUA representative designated by the General Manager for approval. NTUA will review and provide comments, if any, within 30 days of receipt to the Nation. Upon resolution of any comments made, NTUA will issue a design approval letter indicating concurrence with the design.
4. The Nation will require and confirm that construction by the Contractor will be in accordance with applicable laws, regulations, codes, plans, and specifications approved by the Nation.
5. The Nation will ensure that the construction contract makes clear that Contractor will be responsible for job-site safety and for compliance with all applicable health and safety requirements.
6. The Nation grants permission for NTUA to enter upon rights-of-way held by the Nation to inspect construction, operate, and maintain the Project and the Nation agrees to waive all claims which may arise by reason of such entry upon the Nation's rights-of-way.
7. The Nation will obtain rights-of-way for the Project based upon the following.
  - A. The Branch Manager is authorized to sign (as the applicant/grantee) the applications, agreements, or other supporting documents necessary to obtain Rights-of-Way across all lands as may be required to implement the Project.
  - B. The Branch Manager may designate an authorized agent to prepare and escort right-of-way and permit applications.
8. When the Project (or operational parts thereof) as agreed upon by the Nation and the NTUA is substantially complete, the Nation will provide to NTUA a final inspection package including elements outlined in the Navajo Area Indian Health Service Guideline 19.1 unless otherwise specified in the contract documents. The Project (or operational parts thereof) will be inspected by representatives of the Nation and the NTUA to detect possible construction deficiencies. The NTUA representative to attend the inspection will be designated by the General Manager of the NTUA. A punch list of these deficiencies, if any, will be compiled and agreed on by the Nation and the NTUA. These deficiencies will be corrected by the Nation.
9. Once the deficiencies are corrected and such corrections are verified by the Nation and NTUA, the Nation will prepare a Verification of Field Punch List Completion form to be signed by a quality assurance officer assigned by NTUA headquarters. Upon signature by the NTUA quality assurance officer, the Nation will issue a Certificate of Punch List Completion (CPLC) to the NTUA General Manager's representative. The NTUA General Manager's representative will then issue an Affidavit of Punch List Completion (APLC) or provide list of persisting deficiencies.
10. Upon issuance of the APLC, the operation, maintenance, and repair responsibilities for the community facilities or operational unit will be assigned to the NTUA through a Beneficial Use Permit issued by the Nation, and the facilities or operational unit will be started so as to provide



services to the consumers. When started, the operation and maintenance of the facilities will become the responsibility of the NTUA. Before NTUA agrees to accept transfer of ownership of the Facilities, NTUA shall provide final acceptance of all work performed. The final acceptance of all work performed shall be acknowledged by NTUA's quality assurance officer in a signed writing.

11. The Nation will provide a one-year warranty on workmanship and materials for all construction performed by the Contractor. The one-year warranty period begins upon issuance of the APLC by the NTUA. On or about the 11<sup>th</sup> month of the one-year warranty period, an inspection will be held by representatives of the Nation and NTUA to identify deficiencies to be remedied per the warranty.
12. Ownership of the Project constructed pursuant to this Agreement (including equipment, land, and supplies purchased) resides with the Nation until transferred to NTUA. The Nation will provide to NTUA a transfer package to include a facility ownership transfer agreement for signature, as-built ROW transmittal letters with assignment to NTUA, electronic copies of as-constructed drawings, GIS coverage files of the installed facilities, and any other documents necessary for transfer of ownership to NTUA.
13. After the transfer, NTUA will properly and efficiently operate, maintain, and repair the Project, so as to keep the Project in an effective and operating condition.
14. The Nation shall designate the Branch to manage the planning, design and construction of the Project on behalf of the Nation. The Branch may hire a consultant as its project manager and authorized ROW agent.
15. Should disputes regarding the provisions of this Agreement occur, the Nation and NTUA will first attempt to resolve those disputes through administrative procedures.
16. Either party to this Agreement may terminate its relationship with the other party prior to Project completion upon 90 days' notice in writing to the other party.

IN WITNESS WHEREOF, the parties hereto have subscribed their names.

FOR THE NAVAJO NATION

\_\_\_\_\_  
Date

\_\_\_\_\_  
President

FOR THE NAVAJO TRIBAL UTILITY AUTHORITY

\_\_\_\_\_  
Date

\_\_\_\_\_  
General Manager

Attachments:

1. Project Summary(s) - including scope of project and schedule for design and construction
2. Map(s) - showing location and extent of proposed construction.

# NAVAJO NATION

838

7/21/2021

Navajo Nation Council Summer Session

03:19:26 PM

Amd# to Amd#	Legislation 0065-21: Allocating	PASSED
MOT Tso, D	\$58,225,000 in Sihasin Funds to	
SEC Slater, C	the Navajo Nation Water Manage- ment Branch for the Western...	

**Yeas : 23**

**Nays : 0**

**Excused : 0**

**Not Voting : 0**

**Yea : 23**

Begay, E	Daniels	Slater, C	Tso, E
Begay, K	Freeland, M	Smith	Walker, T
Begay, P	Halona, P	Stewart, W	Wauneka, E
Brown	Henio, J	Tso	Yazzie
Charles-Newton	James, V	Tso, C	Yellowhair
Crotty	Nez, R	Tso, D	

**Nay : 0**

**Excused : 0**

**Not Voting : 0**

**Presiding Speaker: Damon**