### THE NAVAJO NATION

### JONATHAN NEZ | PRESIDENT MYRON LIZER | VICE PRESIDENT



January 6, 2023

Hon. Otto Tso Office of the Speaker Post Office Box 3390 Window Rock, AZ 86515

RE: CD-53-22, An Act Relating to Budget and Finance, Resources and Development, and Naabik'íyáti' Committees, and the Navajo Nation Council; Allocating from the Síhasin Fund \$10,031,897 for the Mariano Lake Chapter Multipurpose Building, \$13,880,203 for the Shonto Chapter Community Building, \$6,600,00 for the Oljato Chapter Multipurpose Facility, \$14,180,749.73 for the Tólikan Chapter Multipurpose Building, \$150,000.00 for the Cornfields Chapter Veterans Organization Courtyard, \$10,159,542 for the Ramah Navajo School Board Drinking Water Project, \$2,070,000 for the Two Grey Hills Veterans Memorial Park, \$970,000 for Four Chinle RBDO Business Site Clean-up and Demolition Projects, and \$4,329,472 for the Low Mountain Chapter Multipurpose Building; Approving the Related Expenditure Plans Pursuant to 12 N.N.C. § 2501 - § 2508

Dear Speaker Tso,

Pursuant to the authority granted by the People and vested in the Navajo Nation President, I am exercising the line-item veto for CD-53-22 to a portion of the Resolution. Thank you to the Navajo Nation Council for presenting this resolution that will provide funding to the respective Chapters that have been working with the Navajo Nation Division of Economic Development to submit their Infrastructure Capital Improvement Plan (ICIP) for priority projects in in their communities.

The decision to line-item veto is made with consideration of the diminishing Sihasin Fund, the need for safe and modernized Chapter facilities, and whether the Chapters have submitted their priority projects plans to the Division of Economic Development. For this reason, we are approving the following projects:

- The Mariano Lake Chapter Multipurpose Building Project in the amount of \$10,031,897.
- The Shonto Chapter Community Building Project in the amount of \$13,880,203.
- The Oljato Chapter Multipurpose Building Project in the amount of 6,600,000.
- The Tólikan Chapter Multipurpose Building Project in the amount of \$14,180,749.73
- The Low Mountain Chapter Multipurpose Building Project in the amount of \$4,329,472.

Pursuant to the Line-Item Veto Authority vested in the Navajo Nation President I am striking the following allocations due to the projects NOT being listed as a priority in the respective Chapter's ICIP:

### THE NAVAJO NATION

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### JONATHAN NEZ | PRESIDENT MYRON LIZER | VICE PRESIDENT

- The Two Grey Hills Veterans Memorial Park in the amount of \$2,070,000.
- Four Chinle RBDO Business Site Clean-up and Demolition Projects in the amount of \$970.00.
- The Cornfields Chapter Veterans Organization Courtyard in the amount of \$150,000.
- The Ramah Navajo School Board Drinking Water Project in the amount of \$10,159,542.

It is very important to note that there are stand-alone Resolutions for the Cornfields Chapter Veterans Organization Courtyard (CD-64-22) and the Ramah Navajo School Board Drinking Water Project (CD-55-22). We will be Approving and signing both of those resolutions into law, so there is no need to approve them in this Resolution. We encourage the Two Grey Hills Veterans Memorial Park Project coordinators to seek funding through funds available to the Veterans Administration and other outside funding sources and the RBDO to seek other funding sources as well.

As the end of our term is approaching, we look forward to hearing of the completion of the various projects the Chapters will be undertaking and the positive impact these projects will have on their respective communities.

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 - FOURTH YEAR, 2022

### AN ACT

RELATING TO THE RESOURCES AND DEVELOPMENT, BUDGET AND FINANCE, AND NAABIK'ÍYÁTI' COMMITTEES, AND TO THE NAVAJO NATION COUNCIL; ALLOCATING FROM THE SÍHASIN FUND \$10,031,897 FOR THE MARIANO LAKE CHAPTER MULTIPURPOSE BUILDING, \$13,880,203 FOR THE SHONTO CHAPTER COMMUNITY BUILDING, \$6,600,000 FOR THE OLJATO CHAPTER MULTIPURPOSE FACILITY, \$14,180,749.73 FOR THE TÓŁIKAN CHAPTER MULTIPURPOSE BUILDING, \$150,000.00 FOR THE CORNFIELDS CHAPTER VETERANS ORGANIZATION COURTYARD, \$10,159,542 FOR THE RAMAH NAVAJO SCHOOL BOARD DRINKING WATER PROJECT, \$2,070,000 FOR THE TWO GREY HILLS VETERANS MEMORIAL PARK, \$970,000 FOR FOUR CHINLE RBDO BUSINESS SITE CLEAN-UP AND DEMOLITION PROJECTS, AND \$4,329,472 FOR THE LOW MOUNTAIN CHAPTER MULTIPURPOSE BUILDING; APPROVING THE RELATED EXPENDITURE PLANS PURSUANT TO 12 N.N.C. § 2501 - § 2508

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### BE IT ENACTED:

### SECTION ONE. AUTHORITY

- A. The Resources and Development Committee is a standing committee of the Navajo Nation Council empowered with oversight authority over all 110 Navajo Nation Chapters. 2 N.N.C. § 500(C); 26 N.N.C. § 102.
- B. The Budget and Finance Committee is a standing committee of the Navajo Nation Council with the responsibility to "review and recommend to the Navajo Nation Council the budgeting, appropriation, investment and management of all funds." 2 N.N.C. § 301(B)(2).
- C. The Naabik'íyáti' Committee is a standing committee of the Navajo Nation Council that considers all proposed final actions 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). As such, the Council may approve appropriations from the Navajo Nation's Síhasin Fund.
- E. 12 N.N.C. § 2502, as amended by CJA-03-18, states the purpose of the Navajo Nation Síhasin Fund ("Síhasin Fund"), 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; . . .
- B. For the Purpose in 12 N.N.C. § 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 12 N.N.C. § 2502(A)(1), shall be favored over direct funding in whole.
- F. The Sihasin Fund provides that "Fund Principal" shall consist of all deposits made to the Sihasin Fund and that "Fund Income" shall consist of all earnings (interest, dividends, etc.) generated and realized by the Fund Principal, and that Sihasin Fund Income shall be deposited in, and added to, the Fund Principal until such time as a Fund Expenditure Plan is duly approved. 12 N.N.C. § 2504 and § 2505(C).
- G. The Sihasin 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 12 N.N.C. § 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 Navajo Nation constructed the Mariano Lake Chapter House "Chapter House" building in 1952. In 2018, the Chapter House was declared to have exceeded its useful life, which resulted in demolition in October 2022. Exhibit A.
- B. The Community Members and Mariano Lake Chapter "MLC" decided to construct a multi-use facility that would integrate community resources into one physical location. MLC completed the planning and design based on the interest and support of the Community Members.

- C. MLC has prepared a comprehensive Project Summary, attached hereto as **Exhibit A**. MLC explains that the new 11,900 sq. ft. multipurpose building will replace the demolished chapter building. The multipurpose building will centralize community resources for the benefit of the public. The Project Summary provides the proposed budget and planned expenditures.
- D. The estimated cost of the Mariano Lake Chapter Multipurpose Building Project "MLC Project" is \$14,546,190. This Sihasin funding request meets the preference for leverage of funds in 12 N.N.C. § 2502(C), because MLC secured \$4,514,293 in funding from State of New Mexico programs, leaving a balance of \$10,031,897. Exhibit A.
- E. In Resolution No. MLC2022-04-04 MLC describes the planning and design for the MLC Project and requests Navajo Nation Delegates and the President to approve the funding request of \$10,031,897. Exhibit B.
- F. Allocation of the \$10,031,897, as requested by MLC, meets the criteria for Síhasin Fund expenditures because the proposed expenditure involves community development as required by 12 N.N.C. § 2502(A)(1).
- G. The Shonto Chapter needs \$13,880,203 to complete its Community Building ("Shonto Project"). An Executive Summary for the Shonto Project is attached hereto as **EXHIBIT C**. A detailed Cost Estimate for the Shonto Project is attached as **EXHIBIT D**.
- H. Allocation of Síhasin funds for the Shonto Project meets the criteria for Síhasin Fund expenditures because the Shonto Project involves community development and infrastructure as required by 12 N.N.C. § 2502(A)(1).
- I. The Oljato Chapter needs \$6,600,000 for design and construction of its Multipurpose Facility ("Oljato Project"). An Executive Summary for the Oljato Project is attached as **EXHIBIT E**. A Cost Estimate for the Oljato Project is attached as **EXHIBIT F**.
- J. Allocation of Síhasin funds for the Oljato Project meets the criteria for Síhasin Fund expenditures because the Oljato Project involves community development and infrastructure as required by 12 N.N.C. § 2502(A)(1).
- K. The Tółikan Chapter is requesting \$14,180,749.73 for the planning and construction of a multipurpose building, which will include a head start program, veterans park, and senior center ("Tółikan Project").

- L. The Tółikan Chapter has prepared an Executive Summary for the Tółikan Project, attached hereto as **Exhibit G**.
- M. The Tółikan **Project** Expenditure Plan, including a detailed cost estimate, is attached as **Exhibit H**.
- N. Allocation of the Síhasin Funds as requested by the Tółikan Chapter meets the criteria for Síhasin Fund expenditures because the proposed expenditure involves community development, as described in 12 N.N.C. § 2502(A)(1).
- O. The Cornfields Chapter ("CFC") is requesting \$150,000.00 for the planning and development of a Veterans Organization Courtyard, with associated facilities, for the purpose of providing a space for veterans' gatherings and educational activities ("Cornfields Project"), as described in the attached Exhibit I.
- P. In Resolution No. CF-APRIL2022-035, the Cornfields Chapter requests the support of Navajo Nation Delegates and the President to approve the funding request of \$150,000.00.

  Exhibit J.
- Q. Allocation of the Síhasin Funds as requested by the Cornfields Chapter meets the criteria for Síhasin Fund expenditures because the proposed expenditure involves community development, as described in 12 N.N.C. § 2502(A)(1)
- R. In Resolution No. RNSB-EXEC-2022-019, the Ramah Navajo School Board, Inc. ("RNSB") requests funds to replace its drinking water system ("Drinking Water Project"). Exhibit K.
- S. RNSB has submitted a cost estimate and Expenditure Plan for its Drinking Water Project, showing that \$10,159,542 (figure rounded up) is needed. **Exhibit L**.
- T. RNSB's engineer has prepared a comprehensive Preliminary Engineering Report for the Drinking Water Project, attached as **Exhibit M**.
- U. Allocation of the Síhasin funds as requested by the RNSB for its Drinking Water Project meets the criteria for Síhasin expenditures because the proposed expenditure involves infrastructure, waterlines, and community development, as described in 12 N.N.C. § 2502(A)(1).
- V. The Two Grey Hills Chapter ("TGHC") is requesting \$2,070,000 to cover the funding shortfall for the completion of the Two Grey Hills Veterans Memorial Park ("Park Project"). TGHC states

that the planning and design for its Park Project has been completed and the Park Project is construction ready at this time. Exhibit N.

- W. TGHC explains that the overall Park Project budget is \$2,143,167.22 but that it received \$75,000 from the State of New Mexico for the Park Project. Thus, TGHC is requesting the \$2,070,000 to cover the funding shortfall. Exhibit N.
- X. TGHC's architect has prepared the Park Project construction budget, with a breakdown of each phase of the Park Project. Exhibit O.
- Y. Allocation of the \$2,070,000 for TGHC's Park Project meets the criteria for Sihasin Fund expenditures because the Park Project involves community development and infrastructure as required by 12 N.N.C. § 2502(A)(1).
- Z. Allocation of the \$2,070,000 for TGHC's Park Project also satisfies the leveraging preference for Síhasin Fund expenditures under 12 N.N.C. § 2502(C)(1) because the State of New Mexico has already provided \$75,000 for the Park Project.
- AA. In a letter dated July 7, 2022, the Chinle RBDO is requesting \$970,000 for the demolition and cleanup of four former business sites under its jurisdiction. These four sites are located in the communities of Round Rock (2 sites old Round Rock Trading Post and old Leo Jim site), and Lukachukai/Upper Greasewood (2 sites old Upper Greasewood Trading Post and old Kennedy Trading Post). The letter, along with a summary of the four projects is attached hereto as **EXHIBIT P**.
- BB. Each of the four projects is described in further detail, with a cost estimate for each project, in the attached **EXHIBIT Q**. The Chinle RBDO explains that, once the demolition and cleanup projects are completed, the four sites will be ready for new business opportunities at those locations.
- CC. Allocation of the Síhasin funds as requested by the Chinle RBDO meets the criteria for Síhasin expenditures because the proposed expenditures will involve economic and community development and commercial buildings, as described in 12 N.N.C. § 2502(A)(1).
- DD. The Low Mountain Chapter ("LMC") requested \$4,329,472 for the construction of a multipurpose building that will centralize community resources, provide for various business opportunities, such as a public health and wellness facility, and a child care center, and will accommodate various programs

for the benefit of the public ("LMC Project"). Exhibit R.

- EE. A detailed Proposal for the LMC Project, showing the cost estimate of \$4,329,472, is attached hereto as **Exhibit S**.
- FF. Since 2019, costs for the LMC Project have increased, therefore a revised cost estimate of \$6,030,922.15 was prepared on October 17, 2022. Exhibit T.
- GG. Allocation of the Sihasin Funds as requested by LMC meets the criteria for Sihasin Fund expenditures because the proposed expenditure involves economic and community development and commercial buildings, as described in 12 N.N.C. § 2502(A)(1).

SECTION THREE. ALLOCATING FROM THE SÍHASIN FUND \$10,031,897 FOR THE MARIANO LAKE CHAPTER MULTIPURPOSE BUILDING, \$13,880,203 FOR THE SHONTO CHAPTER COMMUNITY BUILDING, \$6,600,000 FOR THE OLJATO CHAPTER MULTIPURPOSE FACILITY, \$14,180,749.73 FOR THE TÓŁIKAN CHAPTER MULTIPURPOSE BUILDING, \$150,000.00 FOR THE CORNFIELDS CHAPTER VETERANS ORGANIZATION COURTYARD, \$10,159,542 FOR THE RAMAH NAVAJO SCHOOL BOARD DRINKING WATER PROJECT, \$2,070,000 FOR THE TWO GREY HILLS VETERANS MEMORIAL PARK, \$970,000 FOR FOUR CHINLE RBDOBUSINESS SITE CLEAN-UP AND DEMOLITION PROJECTS, AND \$4,329,472 FOR THE LOW MOUNTAIN CHAPTER MULTIPURPOSE BUILDING; APPROVING THE RELATED EXPENDITURE PLANS PURSUANT TO 12 N.N.C. § 2501 - § 2508

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A. In accordance with 12 N.N.C. § 2505(A), the Navajo Nation hereby approves from the Sihasin Fund \$10,031,897 for the Mariano Lake Chapter Multipurpose Building, \$13,880,203 for the Shonto Chapter Community Building, \$6,600,000 for the Oljato Chapter Multipurpose Facility, \$14,180,749.73 for the Tółikan Chapter Multipurpose Building, \$150,000 for the Cornfields Chapter Veterans Organization Courtyard, \$10,159,542 for the Ramah Navajo School Board Drinking Water Project, \$2,070,000 for the Two Grey Hills Veterans Memorial Park, \$970,000 for four Chinle RBDO business site clean-up and demolition projects, and \$4,329,472 for the Low Mountain Chapter Multipurpose Building.

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B. The Navajo Nation hereby approves the various Expenditure Plans for all of the projects described herein and in the Exhibits A-T attached hereto.

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C. The total amount of Síhasin funds approved herein 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 approval of the Budget and Finance

- Committee and upon further approval by a two-thirds (2/3) vote of the full membership of the Navajo Nation Council.
- D. The Controller shall determine whether the source of the Síhasin Funds approved herein will be Síhasin Fund Principal or Síhasin Fund Income, or a combination of both.
- E. Within thirty (30) business days after the effective date of this Resolution, the approved Sihasin Funds for the Chapter projects described herein shall be made available to the Navajo Nation Division of Community Development ("DCD") pursuant to a drawdown schedule agreed to by the Controller.
- F. At the request of any Chapter described in this Resolution that has been certified under the Local Governance Act (at 26 N.N.C. §101-§103), DCD shall enter into a memorandum of agreement, grant agreement, or other legal agreement with such Chapter to transfer to the Chapter the approved Síhasin funds that DCD has received, the authority for completion of the Chapter project, and the responsibility for full compliance with the approved Expenditure Plan for such project.
- G. Within thirty (30) business days after the effective date of this Resolution, the approved Síhasin Funds for the Chinle RBDO shall be made available to the Division of Economic Development/Chinle RBDO for its use on the four business site projects described in the Exhibits P-Q attached hereto.
- H. Within thirty (30) business days after the effective date of this Resolution, the approved Síhasin Funds for RNSB shall be made available to DCD for use on the RNSB Drinking Water Project described in the Exhibits K-M attached hereto. At the request of the RNSB and upon approval of the Department of Justice, DCD shall enter a memorandum of agreement, grant agreement, or other legal agreement with RNSB to transfer to RNSB the approved Síhasin funds that DCD has received, the authority for completion of the Drinking Water Project, and the responsibility for full compliance with the approved Expenditure Plan for the Drinking Water Project. If RNSB receives the Síhasin funds and implements and administers the Drinking Water Project, as a condition of receiving the funds, RNSB shall:
  - 1. be responsible for complying with the Drinking Water Project Expenditure Plan approved herein, and with all provisions of the legal agreement described herein; and
  - 2. allow the Navajo Nation full access to its financial records related to the Sihasin funds RNSB has received,

for the purpose of the Navajo Nation's review and audit of RNSB's expenditures of the Sihasin funds; and

- 3. submit a written report, and a verbal report if so requested, explaining the ongoing status of its Drinking Water Project and its expenditures of the approved Síhasin funds, to the Resources and Development Committee, the Budget and Finance Committee, and the Naabik'íyáti' Committee; said reports shall be provided by the end of each Fiscal Year Quarter until the Drinking Water Project is completed or the entire amount of approved Síhasin funds is exhausted.
- I. The approved Síhasin Funds shall not lapse on an annual basis. However, any Síhasin funds not spent or encumbered within thirty-six (36) months of the date funds are transferred to the recipient shall revert to the Síhasin Fund Principal, unless otherwise approved by the Resources and Development Committee and the Naabik'íyáti' Committee of the Navajo Nation Council.
- J. Any and all savings or unused amounts of the Síhasin funds approved herein shall be immediately returned to the Síhasin Fund Principal once all Projects described herein are completed, or upon the reversion deadline in Section Three (I) above.
- K. The Sihasin Fund may be reimbursed all or part of the amount approved herein from eligible funds available to the Navajo Nation from any and all state and federal sources.

### SECTION TEN. EFFECTIVE DATE

This Action and the Expenditure Plans approved herein shall become effective pursuant to 12 N.N.C. § 2505.

### SECTION ELEVEN. SAVING CLAUSE

If any portion of this Action is invalidated by the Supreme Court of the Navajo Nation, or by any Navajo Nation District Court without appeal to the Navajo Nation Supreme Court, the remainder of this Action shall be the law of the Navajo Nation.

### CERTIFICATION

I hereby certify that the foregoing resolution was duly considered by the  $24^{\rm th}$  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 17 in Favor, and 01 Opposed, on this  $19^{\rm th}$  day of December 2022.

Honorable Jamie Henio, Speaker Pro Tem 24th Navajo Nation Council

27 2022 DATE

Motion: Honorable Pernell Halona Second: Honorable Raymond Smith, Jr.

Speaker Pro Tem Jamie Henio not voting

### ACTION BY THE NAVAJO NATION PRESIDENT:

1.	I,	hereb	у,	sigr	n in	to	law	the
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	2	N.N.C.	§	1005	(C) (I	LO),	on	this
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Jonathan Nez, President Navajo Nation

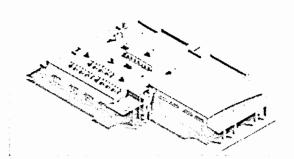
2. I, hereby, veto the foregoing legislation, pursuant to 2 N.N.C. § 1005 (C)(11), on this \_\_\_\_\_ day of \_\_\_\_\_, 2022 for the reason(s) expressed in the attached letter to the Speaker.

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 Oth day of January , 2023.

Jonathan Nez, President

Navajo Nation





## Mariano Lake Chapter – New Multipurpose Building Construction

Mariano Lake Chapter, Navajo Nation

The Community Members and Chapter of Mariano Lake, New Mexico submit the following proposal to our Navajo Nation Government, Office of the Navajo Nation President and Vice President, and Navajo Nation Council through Honorable Council Delegate Edmund Yazzie, requesting \$10,031,897.00 to construct the New Multipurpose Building.

April 11, 2022

### Mariano Lake Chapter

Leandra K. James, Community Services Coordinator
ljames@navajochapters.org or marianolake@navajochapters.org
Off. No.: (505) 786-2180; Fax No.: (505) 786-2181
P.O. Box 164, Smith Lake Chapter, New Mexico, 87365

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### Mariano Lake Chapter – New Multipurpose Building Construction

Mariano Lake Chapter, Navajo Nation

### SUMMARY

The Community Members of Mariano Lake, New Mexico and Mariano Lake Chapter of the Navajo Nation Government submit the following proposal to the Navajo Nation Government requesting \$10,031,897.00 to construct a New Multipurpose Building.

The Navajo Nation constructed the Mariano Lake Chapter House building in 1952. The original building was constructed as one room with four walls, two entrances, four east-faced windows, and a wood stove for heating. Since then, the building received additions and renovations, however, in 2018, the building was declared to have exceeded its useful life, resulting to the demolition in October 2020. Thereafter, the Chapter has operated within a temporary steel modular building which prohibits adequate space and limits services provided to the community members; and presents various challenges to the present and existing services.

Mariano Lake Chapter

Contact Information: Leandra K. James, CSC Myrna M. Williams, AMS P.O. Box 164 Smith Lake, NM 87365 (505) 786-2182 ljames@navajochapters.org

Mariano Lake Chapter Officers

Chapter President Mr. Jay R. DeGroat

Chapter Vice President Mr. Henry T. Begay

Chapter Secretary/Treasurer Mr. Henry P. Begay Jr.

In 2015, the Community Members and Mariano Lake Chapter solidified its decision to construct a multi-use facility that would integrate community resources into one physical location. Based on this decision, the solid interest and support from the Community Members have directed the Mariano Lake Chapter to complete activities for planning and design. With the planning and design activities now completed, the next directive was to identify and secure funds for demolition of the former building and construction of the new building. Upon completing the demolition of the former Chapter House building, the Mariano Lake Chapter immediately began submission for construction funds. The Chapter has secured \$1,614,293.00 from the State of New Mexico – Long Term and Aging Office, along with \$2,900,000.00 from the State of New Mexico – Indian Affairs Department Tribal Infrastructure Funds for construction of the new multipurpose building. The overall total construction cost is projected to be \$14,546,190.00. After applying the secured funds we have a balance and need of \$10,031,897.00. The Community Members and Mariano Lake Chapter respectfully seek financial investment from the Navajo Nation Government to fully fund the balance of \$10,031,897.00. The Navajo Nation will be the sole owner of the new building and will continue its local government operations and delivery of services through Mariano Lake Chapter. The Navajo Nation Government

will not need to increase its annual allocation but will display a smart investment in the construction of a shared multi-use facility; and will maximize the fiscal responsibilities for its current annual financial support.

### **BACKGROUND**

The community of Mariano Lake is located within the Navajo Nation and identifies various land status consisting of Navajo Tribal Trust Land, Bureau of Indian Affairs Indian Allotment Land, Bureau of Land Management Land and Private Land. Mariano Lake is located within the McKinley County in the State of New Mexico. Mariano Lake experiences all four seasons of climate and is located along the Continental Divide. The land structure is formed as a bowl-shaped surface, with the center viewed as plain and surrounded by mountains and mesas with a mixture of vegetation and soil.

The Mariano Lake Chapter Team consists of the Navajo Nation Chapter Staff, Elected Chapter Officials and the Seven Members of the Community Land Use Planning Committee. The Chapter Team have completed a community assessment identifying the increase in population with approximately 2000+ residents residing within the community served by the Mariano Lake Chapter Government. The age span of community residents are from birth to 91 years of age, of which, 36% are considered Senior Citizens, 41% are considered Adults, and 23% are considered Child and Youth.

Within the boundary of Mariano Lake you will find that there are few resources presently available for the Community Members. Along with the Mariano Lake Chapter Government, there is the Mariano Lake Community School administered by the United States Bureau of Indian Education serving students from birth to the sixth grade, two community churches, an infrastructure development site, a cemetery, two locations for water hauling, a small temporary fire department, a housing sub-division and scattered homes throughout the community.

The Mariano Lake Chapter is collaboratively working with the McKinley County Fire Department in developing a permanent Fire Department. The Mariano Lake Chapter Team is planning and preparing for economic development within the community, upon completing and providing the basic infrastructure development. Presently, the community has received 90% services for water infrastructure, 90% services for electrical infrastructure, 98% services for telecommunication infrastructure, and 20% services for road improvement infrastructure.

Lastly, the Mariano Lake Chapter has demonstrated through its latest Navajo Nation audit report that we are viable and capable to deliver and function as a responsible entity of the Navajo Nation Government and service provider.

### CRITICAL NEED

The new 11900 sq. ft. Multi-purpose building will replace the former and non-existing chapter building. The new multipurpose building will cater to many different functions and accommodate all resources in one central location to serve the citizens which will also benefit the public. The new building will address the need of adequate space to host services specifically as an integrated operation of services accommodating a Senior Citizens Center, Veteran Citizens Center, Computer Lab with Library, Kitchen and Cafeteria, Meeting and Public Services Facility, and Administrative Offices. This new building will replace the former Chapter House Building. The Navajo Nation will own, operate and administer the building through the assigned Navajo Nation Employees of the Mariano Lake Chapter Government.

The former Chapter House Building was constructed in 1952. Thereafter, in 1982, the building received an addition of restrooms, kitchen and three administration offices. Originally having only one heating source provided by a wood stove was replaced with propane wall heaters. Since then the building had undergone several major improvements to the plumbing piped in the building and in the ground including the pipes for the sewage water, continuous roof repairs for water leaks, mold and ventilation repairs, heater replacements, electrical repairs, propane leak repairs and floor repairs from the earth movement in the foundation and basic use of the building. Additional minor repairs were completed; however the minor repairs became a band-aide method for continued use of the building. In 2001, the building was provided abatement of asbestos and lead, and mold in the roof was removed, but with additional reports from the Occupational Safety and Health Administration (OSHA) and Navajo Occupational Safety and Health Administration (NOSHA), there were other continued findings.

The former Chapter House building had a square footage of 3800 sq. ft. and was administered by two Navajo Nation Employees as the Chapter Staff and Community Health Representative to function in three offices with the use of a meeting room, kitchenette and restrooms. The facility had no office space and work stations for: elected officers, committee members, and temporary staff. In 2015, the community members supported the need to obtain a multipurpose facility to actively provide services to all ages within the community and general public as the community hub of services under one roof.

The former Chapter House building received a completed environmental site assessment report (ASTM Environmental Report) in March 2018, citing asbestos and lead; and geotechnical engineering exploration and study (GEOTECH Report) in May 2018. At the time of the two studies, the initiative was to renovate the existing chapter house and construct an addition. Upon receiving the reports, it was concluded that the existing building reached its useful life. With increasing risk of asbestos and lead, it was decided to abate and demolish the existing building and construct a new building that will ensure the best facility for our community and shareholders. In conclusion, the former Chapter facility served its useful life cycle and showed signs of safety and health concerns among its users. The

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building materials from the exterior and interior walls, including the roof system, mechanical and electrical systems were deteriorated and exceeded its life expectancy. The former Chapter House facility did not meet the present occupancy codes, fire ratings, life safety codes and the American Disabilities Act (ADA) requirements and standards.

The infrastructure did not meet the daily operational functions or the expanding community needs. The drainage did not allow for proper positive drainage at the perimeter of the building and there was no drainage management to off-site flooding or erosion control system. The site access and vehicle circulation pattern were not designed for safe access for staff and community members per ADA requirements and deliveries. The concrete sidewalks were crumbling, cracking and upheaving causing community members with hazardous accessibilities. The utilities, sizing, capacities, and materials were all outdated and in need of replacement. The yearly deterioration of the building and its systems greatly affected the facility air quality, temperature control, and water control. Basic use resulted many damages which required constant corrective actions consistently year after year, eventually became unrepairable. The materials and equipment were outdated and parts and replacements no longer available causing longer lead time for repairs; and interruptions resulted in facility closure.

The combined assessment reports surfaced all the problems for the building and the site, assisting the planners with additional areas of focus in the design of a new building and site preparation such as: The civil engineering plans incorporate requirements for grading and drainage design from an updated topographic survey. The parking lot design will include new ADA parking space and sidewalks; again, per ADA guidelines and standards for sidewalks, parking, and signage and handicap accessibility. Utility upgrades would be coordinated with local utility providers for latest requirements in materials and equipment to be used and safety parameters for client consumption and energy efficiency.

In the best interest of safety and health, it was concluded that the Chapter House building be demolished. The demolition of the 1952 Chapter Building was completed in October 2020. An intermediate and temporary solution for continued services by the Mariano Lake Chapter Government is provided and performed inside a 2,016 sf steel modular building, which was formerly operated as a Navajo Nation Headstart facility. Even then the temporary facility poses occupancy capacity challenges due to limited space, especially during the national pandemic and declared emergency for the Coronavirus. The temporary facility and infrastructure do not meet the demands of the daily functions for government operations and the growing community needs with its increasing population.

### **BENEFITS**

The construction of a new multipurpose building will replace the former Chapter House building. This will encourage and demonstrate to the citizens that the Navajo Nation prioritizes its people and the

public by providing a safe facility to meet the needs and conditions required of a public building. The Navajo Nation will positively demonstrate the importance to provide direct professional services at the local level by supporting and funding a multipurpose facility concept which will provide direct services to all ages in one location as a shared unit and shared fiscal responsibilities.

The Navajo Department of Health – Navajo Epidemiology Center manages the Navajo Nation's public health information systems, investigates diseases and injuries of concern, responds to public health emergencies, coordinates activities with public health authorities and provides data and reports to help health programs effectively manage their program, with their primary objective of data collection, analysis and interpretation, health surveillance, disease control and prevention and data sharing. Mariano Lake Chapter educates itself and the community by referring to the center's updates and reports. The center released a report in 2017 identified as the 2017 Navajo Youth Risk Behavior Survey. According to the results of the report there are major improvements within the awareness of our Navajo youth. Although there are positive improvements, there is also an increase of negative activities. The Community Members of Mariano Lake would like to be better informed, prepared, and educated to continue positive growth and improvements, but to do so, the community must have a large facility to accommodate trainings, meetings and activities. Public education under one roof is pivotal to providing awareness at the local level on all matters, and is the first step in preparing and improving a community's lifestyle, which will branch out to all age levels.

Based on the reports provided by the center and additional resources, the Mariano Lake Chapter continues to embrace activities that focus on improving the healthy lifestyle within the community, although challenges arise such as the current Coronavirus pandemic. However, the Chapter embraces those challenges and provides services within the directed guidelines. Within the fiscal year 2021, the Mariano Lake Chapter provided a combined total of 28 curbside activities consisting of emergency distribution and infrastructure sessions (for community members and projects). Additionally, Mariano Lake Chapter met its annual goal to provide assistance within the following categories: Public Employment Program hired 14 temporary employees, Summer Youth Employment Program hired 51 temporary student employees, Scholarship program assisted 38 students, Housing Discretionary Program assisted 12 community members, and the COVID19 Emergency Operations Program conducted 21 emergency activities. The Mariano Lake Chapter also collaborated with 9 resources and hosted 5 health events for the community members. The Mariano Lake Chapter with the collaborated resources have reached a total of 1,926 homes, and served approximately 5,781 individuals over the course of the fiscal year 2021.

The construction of a new multipurpose building will encourage community participation, enhance the quality of community health, as well as retain people to live in the area and support the growing population. The new building will operate immediately as the center of the community. As the center, it will also provide a welcome to the general public while encouraging outside resources to consider

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their activities or events to be conducted inside the new building. The increase in activities and participation will provide a need for economic development resulting to the positive growth overall for the community and the Navajo Nation.

The multipurpose building will create a safe space and provide adequate space for the community to gather while providing a venue of support services. Especially supporting the directives outlined within the Navajo Nation Public Health Orders. There will be many positive aspects brought to the community which will include counseling services of many types, wide stretch of trainings, classes and workshops for health, wellness, addiction, general education development and focused trainings to receive certifications. There will also be positive development for the community members in education, communication, and technology. The new building will support a properly structured, safe and organized operation for the community functions.

The new multipurpose building will facilitate direct services at the heart of the community to all ages whom reside within the community on a daily basis, including the citizens of the neighboring communities, and individuals that receive services by member registration or Navajo census, but not limited to only Navajos, which then includes services to the mixture of ethnicity residing within the community and reservation. The new multipurpose building will integrate accommodations to the Mariano Lake Chapter Administration (Staff and Chapter Officials), Veterans, Senior Citizens, Students, Adults, and Children. The building will integrate all groups in one location, displaying "unity" within Community.

Mariano Lake Chapter

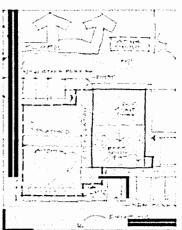
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Contact Information: Leandra K. James, CSC Myrna M. Williams, AMS P.O. Box 164 Smith Lake, NM 87365 (505) 786-2182 ljames@navajochapters.org

### COMPLETED ACTIVITIES

- Pre-Planning Activities:
  - o Land Withdrawn & Land Clearances
  - Construction of Utilities
- Planning Activities:
  - o ASTM Phase II Environmental Assessment Report
  - o GEO-Technical Engineering Report
  - o Site Utility Connections
  - o Programming Report
  - o Master Plan
- Design Activities:
  - o Design Development Construction Documents
- Construction Activities:
  - o Former Chapter House Demolished
  - o Site Prepared





Mariano Lake Chapter

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### 2017 Navajo Youth Risk Behavior Survey



-OGEOMAT.

GEOTECHNICAL ENGINEERING REPORT CHAPTER HOUSE ADDITION MARIANO LAKE, NEW MEXICO

Submitted To:

Nathan Wero, NCARB, CDT Indigenous Design Studio + Architecture, LLC 3737 Princeton Drive, NE, Suite 130 Albuquerque, New Mexico 87107

Submitted By:

GEOMAT Inc. 915 Malta Avenue Farmington, New Mexico 87401

May 16, 2018 GEOMAT Project 182-2990



line de les Present No. 18-813-65

### SUBJECT MATTER EXPERT



### Indigenous Design Studio + Architecture, LLC



### Indigenous Design Studio + Architecture, LLC

### STATEMENTS BY SUBJECT MATTER EXPERT

Project: New MPB Senior Center, Mariano Lake Chapter, Navajo Nation, New Mexico

Owner: Leandra K. James, Mariano Lake Chapter, Community Services Coordinator, (505) 786-2182

Architect's Office: Indigenous Design Studio + Architecture (IDS+A), Albuquerque, New Mexico, (SOS) 225-2565

IDS+A CEO/President, Tamarah R. Begay (Architect)

Tamarah R. Begay has over fourteen (14) years of experience in the Architectural and Planning profession. Mrs. Begay's credentials include the following: Certifications that include LEED AP BD+C, National Council of Architectural Registration Board, Construction Specification Institute Construction Document Technologist and Architectural Licenses in the States of, NM(#5192), AZ (#54592), UT(#9633363-0301), CO(#00404286), NV(#7577), OK(#A7081).

### PROJECT EVALUATION STATEMENTS BY SUBJECT MATTER EXPERT

Mariano Lake Chapter

Contact Information:

P.O. Box 164

(505) 786-2182

Leandra K. James, CSC

Smith Lake, NM 87365

Myrna M. Williams, AMS

ljames@navajochapters.org

The existing Mariano Lake Chapter requires immediate action to remediate the facility. From IDS+A's point of view the current building was built approximately in 1952. The facility has served its life cycle use and is showing signs of safety and the wellbeing concerns of its users. The building materials of the exterior and interior walls, including the roof system, mechanical and electrical systems are deteriorating and have exceeded its life expectancy. The current facility does not meet the latest building codes, fire ratings, life safety codes and the American Disabilities Act (ADA) requirements and standards. At the time of the opening of the facility it had operated and provided minimal services by staff to its community members. With current growing services required and an increase of its community members the staff requirements of spatial needs and updated technologies to assist clients were lacking. The outdated facility needs to expand and be designed efficiently to assist staff support in providing the services of the changes and challenges of the community's current and future needs.

The facility staff has maintained the existing building to the best of its ability by repairing and updating areas as needed that have included yearly maintenance of patching up walls and roof leaks, repairing doors and windows, replacing weatherstripping and finishes in providing a safe environment for its community members, however the building system and materials have exceeded its life cycle expectancy and are in need of complete demolition. Past materials use in the facility, per the Hazardous Material Investigation report had found lead paint, asbestos in the roof system, and mercury in the lighting systems, to be properly abated. A commercial grade design will include new construction materials to prolong the life expectancy of the facility with efficient mechanical and electrical building systems designed to latest building codes and standards and per geotechnical soils investigation recommendation of the foundation systems.

The existing site development and infrastructure does not meet the daily functions of staff operations and the growing community needs. The existing drainage does not allow for proper positive drainage at the perimeter of the building and no drainage management to off-site flooding and erosion protection. The existing site access and vehicle circulation pattern were not designed for safe access for staff and community members per ADA requirements and deliveries. Existing concrete sidewalks are crumbling, cracking and upheaving causing community members with hazardous accessibilities. The existing utilities, sizing, capacities, and materials are also outdated and in need of replacement. The civil engineering plans incorporate grading and drainage design from an updated topographic survey. The parking lot will include new ADA parking spaces and sidewalks per ADA guidelines and standard for sidewalks, parking, signage and handicap accessibility. Utility upgrades would be coordinated with local utilities providers for latest requirements in materials and equipment to be used and safety parameters for client consumption and energy efficiency. The yearly deteriorating of the building and systems greatly affects air quality, temperature control, water damage that staff maintenance consistently year after year, it will eventually become beyond repair, the materials and equipment are outdated and



### Indigenous Design Studio + Architecture, LLC

no longer available causing longer lead time for repairs and interruptions that could result in facility closures.

Currently, the Chapter has completed the demolition phase of the existing facility and is presently in a steel modular building.

The Mariano Lake Chapter has provided services to its residents and the general public to the best of their ability within a facility that is deteriorating due to its age and within a structure that has no room for addition or renovation. The facility is located in a rural remote community where it is heavily relied on and a necessity to its staff and community members in providing vital services and programs locally. The citizens and staff will greatly benefit with a commercial grade facility built to the latest senior center spatial requirements with building codes and energy efficient equipment, and ADA guidelines required to operate efficiently in providing for its growing senior citizens clients and programs.

The proposed new facility is construction ready.

The anticipated facility Construction Cost: \$10,031,897.00.

(See attached Estimated Total Overall Project Budget Breakdown)

Tamasah Begay Tamasah Begay, AlA

Tamarah Begay, AIA
Principal-in-Charge
Indigenous Design Studio + Architecture

### **BUDGET**

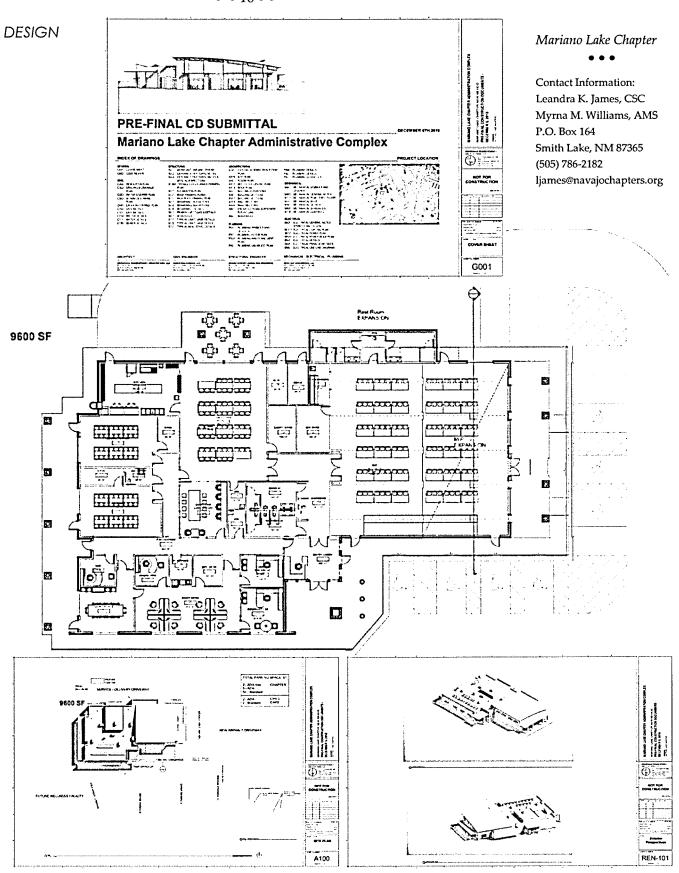
Mariano Lake Chapter Multi-Purpose Facility Estimated Overall Project budget Updated: April 2022

DEMOLTION COSTS	iltem	Notes
\$217,800.00	Building Demolition (Existing Building)	Completed Activity
CONSTRUCTION COSTS	Item	Notes
\$8,330,000.00	Maximum Allowable Construction Costs (MACC)	11,900 sf x \$700/sf New Construction
\$499,800.00	Location Factor - 10% Navajo Nation Sales Tax @ 6% CONSTRUCTION COST TOTAL WITH TAX	
SOFT COSTS	iltem	Notes
\$178,500.00	Furniture, Furnishings, and Equipment (FF&E) Technology Fire flow investigation	Estimated @ 10% of Maximum Allowable Construction Cost \$15/sf
\$37,000.00 \$500,000.00	Special inspection and testing during construction Estimated cost for fire pump, generator, and tank Third party plan review	Estimated, code requirement, structural will outline the scope of testing during CDs Possibility of inadequate water pressure / flow for building fire sprinkler system
\$600,000.00	· · · · ·	Current Administration BldgP,D,C Activities
	Navajo Nation Sales Tax ₱ 6% on soft cost items above	
	Owner's contingency	20% of the MACC
\$91,000.00	Professional fees	Bidding/Negotiation, Construction Adminstration, Warranties and Reimbusables Includes applicable Navajo Nation Sales Tax, and Reimbursables
	Site/utilities contingency SOFT COST TOTAL	Estimated
\$1,614,293.00	SUB-TOTAL ESTIMATED PROJECT COST  Obligated Funds  Obligated Funds	
	TOTAL ESTIMATED PROJECT COST	

Mariano Lake Chapter

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Contact Information: Leandra K. James, CSC Myrna M. Williams, AMS P.O. Box 164 Smith Lake, NM 87365 (505) 786-2182 ljames@navajochapters.org



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### SCOPE OF WORK

PROJECT TITLE: New Multi-Purpose Building Renovation and Addition

NAME OF TRIBAL ENTITY: Mariano Lake Chapter – Navajo Nation

BUDGET: \$10,031,897.00

### PERFORMANCE MEASURES:

- Within twelve (18) months, we will be constructing a new multi-purpose building.
- Within twelve (18) months, we will complete the plan, design and construction activities of relocating the steel modular building.

### TIME FRAME/MILESTONES:

- Stakeholders Kick off meeting: 1st Month
- Solicitations: 1st Month
- Interviews: 2<sup>nd</sup> Month
- Awards: 3rd Month
- Execution of Contracts: 3<sup>rd</sup> and/or 4<sup>th</sup> Month
- Pre-Construction Meetings: 4th and/or 5th Month
- New Building Construction: 6<sup>th</sup> Month to 18 Month
- Steel Modular Building Planning & Designs: 6th Month to 9th Month
- Steel Modular Building Relocation Construction: 10th Month to 18th Month
- Construction Close outs: 16th Month to 18th Month
- Grant Closeout: 18th Month

### **RESPONSIBLE PROJECT STAFF:**

- Ms. Leandra K. James, Community Services Coordinator, Mariano Lake Chapter, Work No. (505) 786-2180, Work Email: ljames@navajochapters.org
- Mr. Andy Thomas, Project Manager, Capital Projects Management Department, Work No. (928) 871-6739, Work Email: andy\_thomas@nndcd.org



### MARIANO LAKE CHAPTER

PO BOX 164

Smith Lake, NM 87365 Phone (505) 786-2180/2182 Fax (505) 786-2181 Email: marianolake@navajochapters.org



### RESOLUTION OF THE MARIANO LAKE CHAPTER

Resolution No: MLC2022-04-04

REQUESTING THE HONORABLE NAVAJO NATION COUNCIL DELEGATES, HONORABLE NAVAJO NATION PRESIDENT NEZ, HONORABLE NAVAJO NATION VICE PRESIDENT LIZER AND THE NAVAJO NATION GOVERNMENT TO FULLY FUND THE "MARIANO LAKE CHAPTER - NEW MULTIPURPOSE BUILDING PROJECT" IN THE TOTAL AMOUNT OF \$10,031,897.00.

### WHEREAS:

- 1. Pursuant to 26 N.N.C., Section 1 (B.1) the Mariano Lake Chapter is a duly recognized certified chapter of the Navajo Nation Government, as listed at 11 N.N.C., part 1, section 10; and
- 2. Pursuant to 26 N.N.C., Section 1 (B.1) the purpose of the Local Governance Act is to recognize governance at the local level. Through the Navajo Nation Council Delegates to Chapters governmental authority with respect to local matters consistent with Navajo law, including custom and tradition; and
- 3. Pursuant to 26 N.N.C., Section 1 (B.2) enactment of the Local Governance Act allows Chapters to make decisions over local matters. This authority, in the long run, will improve community decision making, allow communities to excel and flourish, enable Navajo leaders to lead towards a prosperous future, and improve the strength and sovereignty of the Navajo Nation. Through adoption of this Act, Chapters are compelled to govern with responsibility and accountability to the local citizens; and
- 4. Pursuant to 26 N.N.C., Section 103 (A) the members of each Chapter, at a duly called meeting, are authorized to oversee the authority delegated to the Chapter; and
- 5. The Mariano Lake Chapter, Community Land Use Planning Committee and Registered Members have diligently completed the planning and design activities for construction of a new Multipurpose Building to replace the demolished Mariano Lake Chapter House, which was identified to have exceeded its useful life: and
- 6. The Mariano Lake Chapter and registered voters respectfully request the Honorable Navajo Nation Council, Honorable Navajo Nation President Jonathan Nez, Honorable Navajo Nation Vice President Myron Lizer and the Navajo Nation Government to support the Mariano Lake Community Members by funding the "Mariano Lake Chapter - New Multipurpose Building Project" in the total amount of Ten Million Thirty One Thousand Eight Hundred Ninety Seven Dollars (\$10,031,897.00).

### NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Mariano Lake Chapter and registered voters approve and request the Honorable Navajo Nation Council Delegates, Honorable Navajo Nation President Nez, Honorable Navajo Nation Vice President Lizer and the Navajo Nation Government to fully fund the "Mariano Lake Chapter - New Multipurpose Building Project" in the total amount of Ten Million Thirty One Thousand Eight Hundred Ninety Seven Dollars (\$10,031,897.00).

### CERTIFICATION

We, hereby, certify that the foregoing resolution was duly considered by the Mariano Lake Chapter at a duly called meeting in Mariano Lake, Navajo Nation, New Mexico at which a quorum of chapter members were present and that the same was passed by a vote of 11 in favor, 00 opposed and 02 abstained this 14th day of April, 2022.

Henry T. Begay, Vice-President

P. Begay Jr., Sec./Treasurer

### Shonto Chapter Community Building Construction Project

### Shonto, AZ

### **Product Description**

The Architect firm will perform services consistent with the professional skill and care ordinarily provided by architects practice. The Architects shall manage the architect's services, consult with the owner, research applicable design criteria, attend project meetings, communicate with members of the project team and report progress to the community of Shonto Chapter, CPMD, and stakeholders.

Construction Phase: To construct a 19,626 S.F. Community Building as design by the Architect firm and monitor by CPMD Project managers.

### **Purpose Statement**

To plan a Chapter Community building. The Design services will include services for a Community building, and full plan construction documents. This site plan will be at the newly 15 acre land development in Shonto, AZ that integrates the Navajo surroundings community traditional concepts into the process, the project must be within budget, on schedule, and meet quality goals of the Navajo nation and the community of Shonto.

### **Successful Completion Criteria**

### On Schedule

- Within budget
- Specified quality Assurances and Quality control of construction from A/E Firm OR CPMD
- Meet the expectations of the community of the project and stake holders

### **Assumptions and Constraints**

- Soil characteristic
- Utility availability- 3 phase electric
- Funding Availability/ and funding deadlines
- Owner turnaround and approvals
- Community sewer lagoon usage with consensus of letter of the surrounding residents

### Shonto Chapter Community Building Construction Project Shonto, AZ

Stakeholder	Their role in the project or how they are impacted by the project.	Name
Sponsor	<ul> <li>Provides authority, guidance and maintains project priority</li> </ul>	Navajo Nation
Customer –	Defines Product Requirement	<ul> <li>Shonto chapter and community members</li> <li>Navajo Nation</li> </ul>
Team Lead	<ul> <li>Defines, plans, controls and leads the work of the project.</li> </ul>	Architects/CPMD
Team	Provide the skills and effort to perform the work.	<ul> <li>Navajo Nation CPMD</li> <li>DCD</li> <li>Architecture/Engineering Firm</li> <li>Shonto community members</li> </ul>
Functional Management	<ul> <li>Provides the resources and maintains management of company policies</li> </ul>	<ul><li>CPMD</li><li>Navajo Nation DCD</li></ul>
Subject Matter Experts	<ul> <li>Persons providing knowledge and expertise.</li> </ul>	<ul><li>Design build team</li><li>Navajo Nation Stakeholders</li></ul>

**Organizational Chain of Command** 

## Shonto Chapter Community Building Construction Project

### Shonto, AZ

Roles, Quality and Schedule Section

Deliverable	Criteria of noitelqmoO	Isni <del>T</del> Isvo1qqA	Team Lead	Steps to Assure Quality	Responsible for Work	98 feuM betlied	Due Dates	*eutst2
Survey map, Boundary, topo,, Legal Descripiton and survey seal.	Review / validate Documentation	СРМБ	Chapt er.	PMP	Chapter	CPM D	၁	On Schedule
Archeological Clearances	Review /Validate Documentation	СРМБ	Chapt er	PMP	Chapter	Land Dept.	U	ON Schedule
Flood Plain Study	Review / Validate Documentation	СРМD	Chapt er	PMP	Chapter	A/E	C	On Schedule
Pre-Planning and Conceptual design	Review/Validate Documentation	СРМD	CPM D	PM	СРМD	Chapte r	၁	On Schedule
Pre-planning design on the master plans and building design	Meet critical Milestone Dates	Chapter /CPMD	рма	PM	СРМБ	Chapte r/ Comm unity	ပ	On Schedule

Proj\_Doc\_Executive Summary\_Shonto Comm Bldg Project\_2022.docx

## Shonto Chapter Community Building Construction Project

### Shonto, AZ

*eutst2	Delayed- due to certified chapter acct. # and new delegates	
Due Dates	C; IP	
Must Be Consulted	·	
Fesponsible for Work	СРМБ	
ot eqet2 Assure Quality	PM/CPMD	
Team Lead	СРМ	
Isni∓ Isvo1qqA	Chapter //CPMD	
to sitetia noitelqmoO	Meet critical Milestone dates	
Deliverable	A/E SOW, A/E Selection, Award contract, SAS reviews, A/E Notice to Proceed	

\*Note: C = completed; D = delayed; IP = in progress; NS = not started; NSR = no status report; WAS = waiting approval to start

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## **Executive Summary**

## Shonto Chapter Community Building Construction Project

### Shonto, AZ

### Risk Log

Risk	Impact	Response	Status
Funding Availability	Changes in SOW	Adjust Schedule	Very High
	A/E, Redesign, Owner turnaround approval		
Construction Documents(CD's) will sit for a number of years and out date of building codes (IBC)	Building Codes Update	Need to find construction cost on project ASAP	High
Lack of 3-phase electric power to site.	Power up of MP building	Design to single phase of elec. And phase the construction of MP building	Very High

## Shonto Chapter Community Building Construction Project

### Shonto, AZ

Lack of Sewer Lagoon Pond for the Chapter	Land withdrawal and residents	Design, withdrawal the land for future development	High
Lack of water pressure and water storage tank for fire suppression/ sprinkler system	NTUA and water supply from source	Future plan into master plans	High

# Shonto Chapter Community Building Construction Project

## Shonto, AZ

## Communications Plan

Chalabaldan	2	The stired of information de them	7	Modime	Danomor	A notion if no morning
Stakenotaer	<u></u>	what kind of injormation do they need:	rrequency	Medium	Response Rad?	(Halt or Continue)
Sponsor	•	High-level cost, schedule, quality performance	Monthly	Written Report and Meeting	Required in 3 days	Halt project
	_	Problems and proposed actions				
PM's Supervising	=	Detailed cost, schedule, quality	Weekly	Written Report and	Required in 5	Continue project
Management	•	performance Problem, proposed actions, assistance		Meeting	days	while waiting for response
		required				
Customer Executive		High-level cost, schedule, quality	Monthly	Meeting with project	Required in 5	Halt project
		performance		sponsor	days	
	•	Problems and proposed actions		Published meeting		
		Required action by customer		minutes		
Customer Contact	•	Detailed cost, schedule, quality	Weekly	Written report and	Required in 3	Continue project
		performance		meeting	days	while waiting for
	•	Problem, proposed actions		Include in project team		response
	-	Required actions by customers		meeting		
		Coordination information for				
		customer action				
Project Team	-	Detailed cost, schedule, quality	Weekly	Project Team Meeting		
		performance		Published meeting		
		Problem, proposed actions		minutes		
	-	Coordination information for next 2				
		weeks				

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## **Executive Summary**

# Shonto Chapter Community Building Construction Project

## Shonto, AZ

Action if no response (Halt or Continue)	
· Response Rqd?	
Medium	
Frequency	
What kind of information do they need?	<ul> <li>News from customer and sponsor</li> </ul>
Stakeholder	

### Exhibit D

**Architect Cost Estimate Shonto Community Building Building 1000** 

## COST ESTIMATE BASED ON SF COST

BUILDING TYPE: COMMUNITY PUBLIC SERVICES. CMU CONSTRUCTION, METAL STEEL JOIST AND DECK.

LOCATION: SHONTO ARIZONA

STORY COUNT: 1

Σ STORY HEIGHT: 30'-0" MAX

PROJECT DESCCRIPTION: COMMUNITY CENTER. DECORATIVE CONCRETE BLOCK ON EXTERIOR

WALLS, METAL STUD AND METAL PANEL ACCENTS, BALLAST ROOF SYSTEM, METAL STUD INTERIORS, POLISHED CONCRETE FLOORS.

570 FT R R Ħ 18.0 PERMITER: HEIGHT: SF Ŗ 324.65 SF 19,626 (TOTAL) DIRECT COST PER SF: \$ BUILDING(S) AREA IN SF: LANDING SF: STAIR LANDING AND OTHERS SF:

COST

327.04				275.61				
\$ 4,567,927.04				\$ 9,312,275.61				
	436,465.03 \$ 436,465.03	\$ 1,507,788.29	2,623,673.71 \$ 2,623,673.71		\$ 9,312,275.61	٠ \$	- s	
	436,465.03	1,507,788.29 \$ 1,507,788.29	2,623,673,71		s 9,312,275.61 s 9,312,275.61	•	•	
	1 8	4	1		1 8	S	8	
	รา	S	ST		. EA	EA	EA	
			Sidewalks, Walls, Ramadas		Community Building	Headstart/Senior Center	Youth Center	
SITE DEVELOPMENT	SITE UTILITIES ALLOWANCE	SITE EARTHWORK AND FILL	SITE IMPROVEMENTS	BUILDINGS	BUILDING 1000	BUILDING 2000	BUILDING 3000	

BUILDING TYPE: PUBLIC SERVICES FACILITY - COMMUNITY BUILDING/OFFICES/DISTANT LEARNING

STORY COUNT:

PROJECT DESCCRIPTION: PUBLIC SERVICES - COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO

Update: 12/13/2022 COST R R ᆸ 30.0 570 PERMITER: HEIGHT: R Ŗ SF 19,626 SF 324.65 (TOTAL) BUILDING COST PER SF: \$ STAIR LANDING AND OTHERS SF: BUILDING(S) AREA IN SF: LANDING SF:



3,336.29 \$ 324.65 \$ 1,083,118.39 \$ 1,083,118.39 \$ 1,083,118.39

SUBTOTAL

86,649.47 A/E Site and Building Re-Design/CA Fees:

1,083,118.39

Direct cost: \$

54,155.92 FF&E (4%): Owner's Contingency (5.00%):

Contractor's Overhead and Profit:

76,901.41 Contractor General Conditions (7.1%):

54,155.92 18,212.64 Contractor's Contingency (5%): Subcontractor's Default Insurance (1.5%):

12,997.42 Comprehensive General Liability (1.20%):

2,707.80 7,040.27 Builder's Risk Insurance (0.25%): Performance Bond (0.65%):

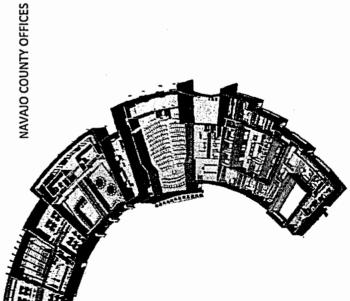
54,155.92 Contractor's Fee (5%):

226,171.37 Subtotal Contractor's Overhead and Profit:

1,493,419.89 **Subtotal:** 

89,605.19 Navajo Tax (6%):

Total Cost: \$ 1,583,025.08



LOCATION: SHONTO ARIZONA

STORY HEIGHT: 30-0" MAX

COUNTY OFFICES, BOARD ROAM/COMMUNITY THEATER, BANQUET ROOM AND DISTANT

LEARNING CENTER.

BUILDING 1000 SECTIONS:

## PROGRAMMING COST ESTIMATE BASED OF SF COST

BUILDING TYPE: PUBLIC SERVICES FACILITY - COMMUNITY BUILDING/OFFICES/DISTANT LEARNING

LOCATION: SHONTO ARIZONA

STORY COUNT: 1

STORY HEIGHT: 30'-0" MAX

ZONE M:

PROJECT DESCCRIPTION: PUBLIC SERVICES - COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO COUNTY OFFICES, BOARD ROAM/COMMUNITY THEATER, BANQUET ROOM AND DISTANT

LEARNING CENTER.

BUILDING(S) AREA IN SF:	35,61	SF	HEIGHT:	30.0 FT			
LANDING SF:		SF	PERMITER:	570 FT	٠	Update: 12/13/2022	13/2022
STAIR LANDING AND OTHERS SF:		SF		SF			
(TOTAL) BUILDING COST PER SF:	\$ 324.65	SF		R.			
		UNIT	SF	DST/UNIT	COST	SUBTOTAL	TOT

BUILDING 1000 SECTIONS:

9,163.84 \$ 324.65 \$ 2,975,021.54 \$ 2,975,021.54

COMMUNITY BUILDING

2,975,021.54

Direct cost: \$

238,001.72 A/E Site and Building Re-Design/CA Fees:

148,751.08 Owner's Contingency (5.00%):

119,000.86

FF&E (4%):

Contractor's Overhead and Profit:

211,226.53

148,751.08

50,024.99 35,700.26

7,437.55

19,337.64

148,751.08

621,229.12 Subtotal Contractor's Overhead and Profit:

4,102,004.33 Subtotal:

246,120.26 Navajo Tax (6%): 4,348,124.59 Total Cost: \$ Revision Date: 12/13/2022 Merge Architectural Group, LLC





## PROGRAMMING COST ESTIMATE BASED OF SF COST

BUILDING TYPE: PUBLIC SERVICES FACILITY - COMMUNITY BUILDING/OFFICES/DISTANT LEARNING

LOCATION: SHONTO ARIZONA

STORY COUNT: 1

ZONE M: STORY HEIGHT: 30-0" MAX

PROJECT DESCCRIPTION: PUBLIC SERVICES - COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO COUNTY OFFICES, BOARD ROAM/COMMUNITY THEATER, BANQUET ROOM AND DISTANT

LEARNING CENTER.

SF SF Ŀ 570 FT 30.0 PERMITER: HEIGHT: Ŗ SF SF R 19,626 324.65 (TOTAL) BUILDING COST PER SF: BUILDING(S) AREA IN SF: LANDING SF: STAIR LANDING AND OTHERS SF:

Update: 12/13/2022



3,641.63 \$ 324.65 \$ 1,182,247.36 \$ 1,182,247.36

COST

COST/UNIT

94,579.79 A/E Site and Building Re-Design/CA Fees:

1,182,247.36

Direct cost: \$

59,112.37 Owner's Contingency (5.00%):

Contractor's Overhead and Profit:

47,289.89

FF&E (4%):

83,939.56

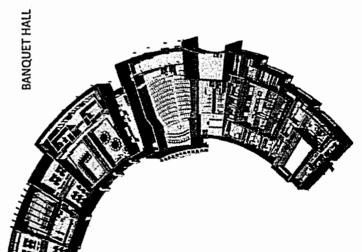
19,879.49 59,112.37

2,955.62

14,186.97

7,684.61 59,112.37

246,870.98 Subtotal Contractor's Overhead and Profit: 1,630,100.39 Subtotal: 97,806.02 Navajo Tax (6%): Total Cost: \$ 1,727,906.41



## PROGRAMMING COST ESTIMATE BASED OF SF COST

BUILDING TYPE: PUBLIC SERVICES FACILITY - COMMUNITY BUILDING/OFFICES/DISTANT LEARNING

LOCATION: SHONTO ARIZONA

STORY COUNT: 1

STORY HEIGHT: 30-0" MAX 1.00

PROJECT DESCCRIPTION: PUBLIC SERVICES - COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO COUNTY OFFICES, BOARD ROAM/COMMUNITY THEATER, BANQUET ROOM AND DISTANT

LEARNING CENTER.

Update: 12/13/2022 Ŀ 유 ᆫ 570 30.0 PERMITER: HEIGHT: SF Ŗ Ŗ Ŗ 19,626 324.65 (TOTAL) BUILDING COST PER SF: BUILDING(S) AREA IN SF: LANDING SF: STAIR LANDING AND OTHERS SF:

BUILDING 1000 SECTIONS:

1 3,484.22 \$ 324.65 \$ 1,131,145.99 \$ 1,131,145.99

A/E Site and Building Re-Design/CA Fees: \$ 90,491.68

1,131,145.99

Direct cost: \$

Owner's Contingency (5.00%): \$
FF&E (4%): \$

56,557.30

45,245.84

Contractor's Overhead and Profit:

\$ 80,311.37 \$ 56,557.30

\$ 19,020.22 \$ 13,573.75 \$ 2,827.86

\$ 56,557.30

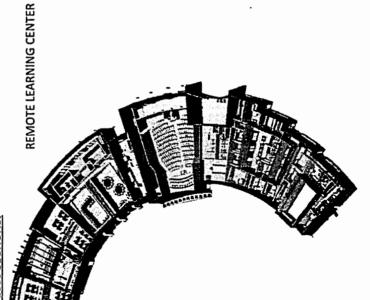
Subtotal Contractor's Overhead and Profit: \$ 236,200.25

Subtotal: \$ 1,559,641.06

Navajo Tax (6%): \$ 93,578.46

Total Cost: \$ 1,653,219.53

Revision Date: 12/13/2022



## Revision Date: 12/13/2022

## COST ESTIMATE BASED ON SF COST

BUILDING TYPE: LEARNING

LOCATION: SHONTO ARIZONA STORY COUNT: 1

STORY HEIGHT: 30'-0" MAX

PROJECT DESCCRIPTION: COMMUNITY CENTER. DECORATIVE CONCRETE BLOCK ON EXTERIOR ZONE M:

PKG SPACES:

WALLS, METAL STUD AND METAL PANEL ACCENTS, BALLAST ROOF SYSTEM, SF SF SF 19,626 SF 11,680 65,757 27,439 SITE AROUND BUILDINGS: PARKING AND ROADS: MAIN ROAD: BUILDING AREA IN SF:

SITE COST PER SF OF BLDG: \$

Site Utilities Allowance



# LIND		ខ	COST/UNIT	COST	SUBTOTAL		TOTAL
SI	₩-	မာ	355,650.30 \$	355,650,30 \$	\$ 355,650.30		
					Direct cost: \$	<b>v</b> >	355,650.30
			Contra	ictor General Co	Contractor General Conditions (5.1%):	<b>G</b>	18,138.17
				Contractor's Co	Contractor's Contingency (4%):	•	14,226.01
			Subcontra	actor's Default In	Subcontractor's Default Insurance (1.5%):	•	5,820.22
			Compreh	ensive General I	Comprehensive General Liability (1.20%):	•	4,267.80
				uilder's Risk Ins	Builder's Risk Insurance (0.19%):	s	675.74
				Performano	Performance Bond (0.65%):	<b>.</b>	2,311.73
				Contr	Contracto's Fee (3%):	<b>6</b> 3	10,669.51
					Subtotal:	₩.	411,759.46
				•	Navajo Tax (6%):	49	24,705.57
					Total Cost:	w	436,465.03
S7	•	S	\$ 1,228,610.11 \$ 1,228,610.11 \$ 1,228,610.11	1,228,610.11	\$ 1,228,610.11		
					Direct cost: \$	•	1,228,610.11
			Contra	actor General Co	Contractor General Conditions (5.1%):	69	62,659.12
				Contractor's Co	Contractor's Contingency (4%):	v,	49,144.40
			Subcontr	actor's Default l	Subcontractor's Default Insurance (1.5%):	•	20,106.20
			Compreh	ensive General	Comprehensive General Liability (1.20%):	₩	14,743.32
				3uilder's Risk In	Builder's Risk Insurance (0.19%):	₩	2,334.36
				Performan	Performance Bond (0.65%):	₩	7,985.97
				Cont	Contracto's Fee (3%):	₩.	36,858.30

Site Earthwork and Fill

2,623,673.71

Total Cost: \$

## **COST ESTIMATE BASED ON SF COST**

BUILDING TYPE: LEARNING
LOCATION: SHONTO ARIZONA
STORY COUNT: 1
STORY HEIGHT: 30-0" MAX

1.00 ZONE M:

TEM, PROJECT DE

PROJECT DESCCRIPTION: COMMUNITY CENTER. DECORATIVE CONCRETE BLOCK ON EXTERIOR WALLS, METAL STUD AND METAL PANEL ACCENTS, BALLAST ROOF SY BUILDING AREA IN SF:  SITE AROUND BUILDINGS:  PARKING AND ROADS:  MAIN ROAD:  11,680 SF  PAGE SPACES:  48  27,439 SF  PAGE SPACES:  48  57,757 SF  PARKING AND ROADS:  11,680 SF	COMMUNITY CENTER. DECORATIVE CONCRETE BLOCK ON EXTERIOR WALLS, METAL STUD AND METAL PANEL ACCENTS, BALLAST ROOF SYST  19,626 SF PKG SPACES: 65,757 SF PKG SPACES: 27,439 SF S	AND SF SF SF SF SF	SORAT METAL	IVE CONCRETE BL PANEL ACCENTS, PKG SPACES:	OCK ON EXTERI BALLAST ROOF 48
SITE COST PER SF OF BLDG: \$	232.75	SF			

1,422,441.78 85,346.51

TOTAL

SUBTOTAL Subtotal: \$

COST

Navajo Tax (6%):

1,507,788.29		2,137,881.07	109,031.93	85,515.24	34,986.42	25,654.57	4,061.97	13,896.23	64,136.43	2,475,163.88	148,509.83
₩.		₩.	₩.	<b>U</b> S	•	₩	₩.	<b>G</b>	<b>\$</b>	₩	₩.
Total Cost:	1 \$ 2,137,881.07 \$ 2,137,881.07 \$ 2,137,881.07	Direct cost:	Contractor General Conditions (5.1%):	Contractor's Contingency (4%):	Subcontractor's Default Insurance (1.5%):	Comprehensive General Liability (1.20%):	Bullder's Risk insurance (0.19%):	Performance Bond (0.65%):	Contracto's Fee (3%):	Subtotal:	Navajo Tax (6%):

ട

Site Improvements



## COST ESTIMATE BASED ON SF COST

BUILDING TYPE: COMMUNITY BUILDING/OFFICES/DISTANT LEARNING LOCATION: SHONTO ARIZONA

STORY COUNT: 1 STORY HEIGHT: 30-0" MAX

PROJECT DESCCRIPTION: COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO COUNTY OFFICES, BOARD ROJECT DESCCRIPTION: COMMUNITY THEATER, BANQUET ROOM AND DISTANT LEARNING CENTER.

ZONE M:

STAIR LANDING AND OTHERS SF:  (TOTAL) DIRECT COST PER SF:  ANSUBSTRUCTURE Standard Foundations	0,000	P R	PERMITER	<u> </u>	: <b>L</b>		
STAIR LANDING AND OTHERS SF: (TOTAL) DIRECT COST PER SF: A. SUBSTRUCTURE Standard Foundations	_	٦ ام					
STAIR LANDING AND OTHERS SF:  (TOTAL) DIRECT COST PER SF:  SUBSTRUCTURE Standard Foundations liabs on Grade				0/6			
(TOTAL) DIRECT COST PER SE: SUBSTRUCTURE Standard Foundations slabs on Grade		<u>اري</u>			t ti		
A. SUBSTRUCTURE Standard Foundations slabs on Grade	324.65	SF					
N. SUBSTRUCTURE standard Foundations ilabs on Grade		UNIT	#	COST/UNIT	COST	SUBTOTAL	TOTAL
, SUBSTRUCTURE tandard Foundations liabs on Grade						4	
tandard Foundations						\$ 250,290.13	
labs on Grade		SF		\$ 5.60	s	7	
		SF	19,625.98	\$ 7.15	\$ 140,325.76	_	
B. SHELL						\$ 1,156,678.20	
Roof Construction (Structure)		SF	22,211.00	\$ 19.59	\$ 435,135.70	-	
Exterior Walls							
Metal Stud Construction		SF	240.00	\$ 54.00	\$ 12,960,48	8	
Decorative CMU.		SS	11,537.00 \$	\$ 11.06	\$ 127,633.83	3	
Metal Siding		ı,	\$,780.00		8	9	
Exterior Glazing		is.	19,625.98 \$	13.00	\$ 255,137.75	9	
Exterior Doors							
Curtain Wall		SF	19,625.98	\$ 2.55 \$	\$ 50,007.00	0	
H.M. Exterior Doors		R	19,625.98	\$ 1.79			
Roof Hatch and Ladder		Ę		\$ 2,012.93	_	2	
Roof Covering	Asohat Bood coavel have Roller #15 section feb	ų,	22,211,00	\$ 8.75	s	7	
C INTERIORS		5				\$ 1.3757771.67	
Partitions	Metal Studyoffe	SF	14,018.57	\$ 5.43	\$ 76,176.91	-	
Interior Doors							
Double Doors		ā	3.00	\$ 886.60	\$ 2,659.80	0	
Single Door		ā	54.00	\$ 451.36	2	4	
Roll-Up Door		Æ	1.00	\$ 5,359.90	\$	0	
Skyfold Partition Wall		ā	2.00	\$ 112,840.00	\$	Q	
Fittings		Ϋ́	19,625.98	\$ 3.76	\$ 73,734.81		
Wall Finishes				5			
Cementitous Backer Board		SF	5,121.00	\$ 7.22	36,948.02	32	
Ceramic Tile		SF		\$ 12.99	s	83	
Gypsum Wallboard		SF		\$ 4.47	2 2	DX .	
Wood		SF		\$ 12.35	s	50	
Sheating		SF	6,159.00	\$ 2.54	15,613.07	70	
Floor Finishes			_	5			
Carpet		SF	5,285.00	\$ 18.92	s	18	
Stained Concrete		SF		\$ 15.74	\$ 223,204.25	55	
Quarry Tite		SF	878.00	\$ 18.71	\$ 16,424.75	15	
Ceiling Finishes		SF	19,625,98	\$ 12.32	241,870.58	8	
D. SERVICES						\$ 3,495,843.29	
Plumbing Fixtures	less conc. sinks	ā	116.00	s	\$ 5	-	
Concrete sinks		ā		\$ 6,05	\$	8	
Water Heater		SF		s	s		
Water Softener		ā	5.00	\$ 6,5	\$	02	
Water Distribution		SF	19,625.98	ļ	\$	181	
Rain Water Drainage		SF	19,625.98		s	91	
HVAC Terminal & Package Units		SF	19,625.98	\$ 29.59	3 \$ 580,693.51	21	



## COST ESTIMATE BASED ON SF COST

BUILDING TYPE: COMMUNITY BUILDING/OFFICES/DISTANT LEARNING

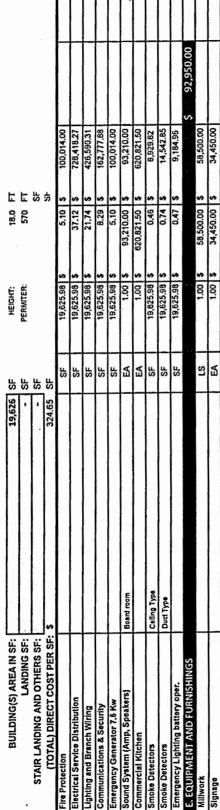
LOCATION: SHONTO ARIZONA

STORY COUNT: 1

STORY HEIGHT: 30-0" MAX

PROJECT DESCCRIPTION: COMMUNITY BUILDING FOR COMMUNITY SERVICE OFFICES, NAVAJO COUNTY OFFICES, BOARD ROAM/COMMUNITY THEATER, BANQUET ROOM AND DISTANT LEARNING CENTER.

ZONE M:



Millwork

6,371,533,28
Direct cost: \$

318,576.66 509,722.66 A/E Site and Building Re-Design/CA Fees:

Owner's Contingency (5.00%):

FF&E (4%):

254,861.33

Contractor's Overhead and Profit:

452,378.86 Contractor General Conditions (7.1%):

318,576,66 Contractor's Contingency (5%):

107,137,33 Subcontractor's Default Insurance (1.5%):

76,458.40 Comprehensive General Liability (1.20%):

15,928.83 41,414.97 Builder's Risk Insurance (0.25%): Performance Bond (0.65%):

318,576,66 Contractor's Fee (5%):

Subtotal Contractor's Overhead and Profit:

1,330,471.72

527,109.94 8,785,165.67 Subfotal: Navajo Tax (6%): 9,312,275.61 Total Cost: \$

### EXECUTIVE SUMMARY - OLIATO MULTI-PURPOSE FACILITY

The Oljato Chapter extends into two states; Utah and Arizona. Currently Oljato Chapter does not have a Chapter House and Oljato Chapter was condemned due to Uranium and Mold contamination since 2006. Oljato Chapter submits the following proposal to the Navajo Nation Government requesting \$6,000,000.00 to construct a New Multipurpose Building that will include a Chapter House, Administration Offices, Meeting Rooms, Senior Citizens Center and a Post Office.

The Navajo Nation built the Oljato Chapter House building in 1961. The original building was constructed as one room with four walls, two entrances, two windows, and a wood stove for heating. Since then, the building received additions and renovations, however, in 2006, the building was declared to have asbestos contamination and mold build up. resulting to the demolition in October 16, 2016. Thereafter, the Chapter administration has operated within a double wide modular building which prohibits adequate space and limits services provided to the community members; and presents various challenges to the present and existing services.

Oljato Chapter

**Contact Information:** 

Carl Holiday, CSC
Peggy Abrigo, AMS
P.O. Box 360455
Monument Valley, Ut 84536
(435) 727-5850
choliday@navajochapters.org

Oljato Chapter Officers

Chapter President
Mr. Willis Begay
Chapter Vice President
Ms. Jean Holiday
Chapter Secretary/Treasurer
Ms. Marietta Bedonie
Council Delegate
Herman Daniels, Jr.
Grazing Officer Official
Benedict Daniels

In 2018, the Community Members and Oljato Chapter passed a resolution to construct a new Chapter House multi-purpose facility that would integrate community resources into a central location next to the Monument Valley Welcome Center. The Oljato Chapter have completed activities for architect and design, Request for Proposal and Scope of Work.

The Oljato Chapter has secured \$195,372.00 from the Utah Navajo Revitalization Fund, along with \$500,000.00 from the Navajo Nation UUDR, \$1,382,314 Navajo Nation CPMD, \$300,000,00 Oljato Chapter Funds for construction of the new multipurpose building. The Chapter has generated \$2,377,686.00. The overall total construction cost is projected to be \$8,000,000.00. After compiling the funds generated we have a balance and need of \$6,000,000.00. There is a \$3,000,000,00 shortfall The Oljato Chapter community membership respectfully seek financial investment from the Navajo Nation Government to fully fund the balance of \$.6,000,000.00. The Navajo Nation will be the sole owner of the new building and will continue to provide local government operations and delivery of services through Oljato Chapter.

## Oljato Chapter

Project Manager: Arthur Moore

Sponsor: Oljato Chapter

## **Revision History**

Revision date	Revised by	Approved by	Description of change
			•

## Purpose:

The existing chapter facility has met its purpose and is not too old and needs to be replaced for the community to have a healthy environment to meet and conduct business on behalf of the community. The chapter would like a new 10,000.00-SF facility that will accommodate

## Scope

## Major project activities

## **MASTER SITE:**

Identify the land located near the existing welcome center at the intersection of highway 163 and monument valley road. Pre-existing 4 acres from Parks and Recreation and the additional 16 acres to complete the new 20 acre chapter tract. Plan a new facility and parking lot, to be incorporated into the overall Master Plan of the Chapter Tract for future development and expansion. The proposed Chapter tract is to include the 4 acres provided by Parks and Recreation and the additional 16 acres annexed to complete the 20 acres for development. The Master plan is to be done with coordination, collaboration and approval by the Oljato Chapter and the Oljato Land Use Committee for all present and future development within the Chapter tract.

### **CIVIL ENGINEERING:**

Design a new floor plan of the facility and begin the construction documents for construction with Project specification manual. Civil Engineer in collaboration with the Architect is to design utility corridor for all electrical services; electrical, gas, water, waste water, telecommunications with all right of way, corridors, easements identified to the nearest existing utility for connection/service tap. Other site development is to include; asphalt parking lot, striped parking stalls with ADA ramp, parking clearly identified, sidewalks, curb and gutter, signs, drainage swales, rip-rap, rocks beds, landscaping gravel, low level vegetation and trees, positive drainage from the building, off the parking lot into proper drainage catchment.

### **ARCHITECTURE:**

Programming, planning and design of the 10,000 sq. ft. facility is to include; Electrical services, Mechanical system for Heating/HVAC for cooling, plumbing system, natural/propane gas services as needed and waste water system approved in accordance to local requirements. Design a new floor plan of the facility and begin the construction documents for construction with Project specification manual. Architect is to be anticipate low water pressure and design for possible water storage tank, water pump to provide adequate water service. Fire Suppression system, alarm, and monitoring system to be included; with possibility of a backup fire suppression system pump and an onsite water storage tank to meet code requirements.

Rooms are to include; General meeting/assembly area, storage, kitchen, pantry, janitor closet, mechanical room, electrical room, utility room, telecommunications room, men restroom, women's restroom, offices, supply room, conference room, reception area, front entrance, waiting area, podium area for chapter officials during meetings. Storefront doors and hardware, commercial grade windows, commercial electrical fixtures and hardware, lights, switches, outlets, exit lights, mechanical unit's with supply ducts, return air, registers, return air, balance, vents, thermostats, plumbing fixtures, with floor drains, sinks, faucets, water/moisture resistant wall board, mold resistant caulking in all wet areas, cleanouts, back flow preventer, domestic stop, gate valves and meter.

Chapter is not to obstruct the view of the National Monument and shall not exceed 20 feet in height, yet be aesthetically pleasing to the eye and reflect the location of the proposed site. Metal roof system with water tight membrane, ice shield at all vent penetrations, drainage gutters, down spouts and splash blocks and all fasteners. Thermal barriers to be used at all exterior doors and windows and all openings to provide an air and water tight envelope.

## Out of scope activities that are critical to the success of the project:

- CPMD is providing assistance in completing the Land withdraw activities; geotechnical report, soils report, historical clearance, biological clearance, corners set for Navajo Land Administration of the additional 16 acres included to complete the 20 acre tract of land for the new chapter facility compound.
- 2. Identifying funding that would cover the hidden cost that may arise while preparing the site for construction when it commences.
- 3. Identify funds for construction, based upon Guaranteed Maximum Cost estimated by the Architect.

## **Deliverables:**

. Architect is to provide a full set of Construction Documents with all project data, design criteria, utility data loads for construction.

4-Sets hard copies 24X36

4-Sets hard copies 18X24

Electronic Files in PDF format to CPMD and Oljato Chapter (USB or CD).

Electronic Files in AutoCad to CPMD

Project Binder-Architectural Divisions (Manufacture Specifications and Design Criteria).

## **Cost Estimates**

**Cost Type** 

ARCHITECTURAL SERVICES

Planning/Programming

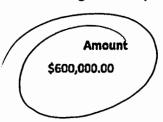
Schematic Design

Design

**Construction Document/Project Binder** 

NN Taxes

**Total Projected Cost for Architectural Services** 



6%

## **Schedule Overview**

Estimated Project Completion Date: [mm/dd/yy]

**Major Milestones** 

[Milestone] mm/c

mm/dd/yy

[Milestone]

mm/dd/yy

**External Milestones Affecting the Project** 

[Milestone]

mm/dd/yy

[Milestone]

mm/dd/yy

Impact of Late Delivery

Major Responsibility or Contribution

## **Measures of Success**

## **Stakeholder Analysis**

Name & Role

[Name]

Customer

[Name]

Sponsor

[Name]

Management

[Name]

Team

## **Chain of Command**

Project Team

**Customer Approval Chain** 

## **Assumptions**

Assumption:

Impact if assumption is incorrect:

## Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

I

## **Product Description**

The Architect firm will perform services consistent with the professional skill and care ordinarily provided by architects practice. The Architects shall manage the architect's services, consult with the owner, research applicable design criteria, attend project meetings, communicate with members of the project team and report progress to the community of Tolikan Chapter, CPMD, and stakeholders.

Construction Phase: To construct Multi-Purpose Building as design by the Architect firm and monitor by CPMD Project managers.

## **Purpose Statement**

To plan a Chapter Master Plan and multi-purpose center. The Design services will include services for a multipurpose /gymnasium, and full plan construction documents. This site plan will be at the newly 17 acre land development in Tolikan (Sweetwater), AZ that integrates the Navajo surroundings community traditional concepts into the process, the project must be within budget, on schedule, and meet quality goals of the Navajo nation and the community of Tolikan.

## **Successful Completion Criteria**

## On Schedule

- Within budget
- Specified quality Assurances and Quality control of construction from A/E
   Firm OR CPMD
- Meet the expectations of the community of the project and stake holders

## **Assumptions and Constraints**

- Soil characteristic
- Utility availability- 3 phase electric
- Funding Availability/ and funding deadlines
- Owner turnaround and approvals
- Community sewer lagoon usage with consensus of letter of the surrounding residents

## Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

Stakeholder	Their role in the project or how they are impacted by the project.	Name
Sponsor	<ul> <li>Provides authority, guidance and maintains project priority</li> </ul>	Navajo Nation
Customer -	Defines Product Requirement	<ul> <li>Tolikan (Sweetwater) chapter and community members</li> <li>Navajo nation</li> <li>CIO</li> </ul>
Team Lead	<ul> <li>Defines, plans, controls and leads the work of the project.</li> </ul>	Architects/CPMD
Team	Provide the skills and effort to perform the work.	<ul> <li>Navajo Nation CPMD</li> <li>DCD</li> <li>Architecture/Engineering Firm</li> <li>Tolikan (Sweetwater)</li> <li>community members</li> </ul>
Functional Management	Provides the resources and maintains management of company policies	CPMD Navajo Nation DCD
Subject Matter Experts	Persons providing knowledge and expertise.	<ul> <li>Design build team</li> <li>Navajo Nation Stakeholders</li> </ul>

Organizational Chain of Command

# Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

## Roles, Quality and Schedule Section

Mores, quality and sometime section	are Occasor		_					
Deliverable	Criteria of Completion	Final Approval	Team Lead	Steps to Assure Quality	Responsible for Work	Must Be Consulted	Due Dates	Status*
Survey map, Boundary, topo,, Legal Descripiton and survey scal.	Review / validate Documentation	CPMD	Chapt er.	РМР	Chapter	CPM D	С	On Schedule
Archeological Clearances	Review /Validate Documentation	CPMD	Chapt er	РМР	Chapter	Land Dept.	C	ON Schedule
Flood Plain Study	Review / Validate Documentation	CPMD	Chapt er	PMP	Chapter	A/E	င	On Schedule
Pre-Planning and Conceptual design	Review/Validate Documentation	CPMD	СРМ	PM	CPMD	Chapte	C	On Schedule
Pre-planning design on the master plans and building design	Meet critical Milestone Dates	Chapter /CPMD	DMA	PM	CPMD	Chapte t/ Comm		On Schedule
•	•		;			unity		

# Sweetwater Chapter Master Plan & Design Project Sweetwater, AZ

	A/E SOW, A/E Selection, Award contract, SAS reviews, A/E Notice to Proceed	Deliverable
	Meet critical Milestone dates	Criteria of Completion
	Chapter /CPMD	Final Approval
	CPM D	Team Lead
	PM/CPMD	Steps to Assure Quality
	CPMD	Responsible for Work
		Must Be Consulted
•	C; IP	Due Dates
	Delayed-due to certified chapter acct. # and new delegates	Status*

<sup>\*</sup>Note: C = completed; D = delayed; IP = in progress; NS = not started; NSR = no status report; WAS = waiting approval to start

### 10

## Executive Summary

# Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

## Risk Log

Funding Availability Changes in SOW Adjust Schedule Very High A/E, Redesign, Owner turnaround approval  Construction Documents(CD's) will sit for a number of years and out date of building codes (IBC)  Lack of 3-phase electric Power up of MP building Design to single phase of puilding construction of MP building building building building building building building building building					
llability Changes in SOW  Adjust Schedule  A/E, Redesign, Owner turnaround approval  D's) will Building Codes Update ocost on project ASAP or of years of building  Building Codes Update cost on project ASAP ocost on proj	Risk	Impact	Response	Status	**************************************
Building Codes Update Need to find construction cost on project ASAP er of years of building Design to single phase of electric Power up of MP building building building building building	Funding Availability	Changes in SOW  A/E, Redesign, Owner turnaround approval	Adjust Schedule	Very High	
ise electric Power up of MP building Design to single phase of elec. And phase the construction of MP building	Construction Documents(CD's) will sit for a number of years and out date of building codes (IBC)	Building Codes Update	Need to find construction cost on project ASAP	High	
	Lack of 3-phase electric power to site.	Power up of MP building	Design to single phase of elec. And phase the construction of MP building	Very High	

Proj\_Doc\_Executive Summary\_Sweetwater Master Plan\_2022

### 9

## Executive Summary

# Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

Lack of Sewer Lagoon Pond for the Chapter	Land withdrawal and residents	Design, withdrawal the land for future development	High		• •
Lack of water pressure and water storage tank for fire suppression/sprinkler system	NTUA and water supply from source	Future plan into master plans	Нідн	•	

Proj\_Doc\_Executive Summary\_Sweetwater Master Plan\_2022

# Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

## Communications Plan

Stakeholder	What kind of information do they need?	Frequency	Medium	Response Rqd?	Action if no response (Halt or Continue)
Sponsor	<ul> <li>High-level cost, schedule, quality</li> <li>performance</li> <li>Problems and proposed actions</li> </ul>	Monthly	Written Report and Meeting	Required in 3 days	Halt project
PM's Supervising Management	<ul> <li>Detailed cost, schedule, quality</li> <li>performance</li> <li>Problem, proposed actions, assistance</li> <li>required</li> </ul>	Weekly	Written Report and Meeting	Required in 5 days	Continue project while waiting for response
Customer Executive	<ul> <li>High-level cost, schedule, quality</li> <li>performance</li> <li>Problems and proposed actions</li> <li>Required action by customer</li> </ul>	Monthly	Meeting with project sponsor Published meeting minutes	Required in 5 days	Halt project
Customer Contact	<ul> <li>Detailed cost, schedule, quality performance</li> <li>Problem, proposed actions</li> <li>Required actions by customers</li> <li>Coordination information for customer action</li> </ul>	Weekly	Written report and meeting Include in project team meeting	Required in 3 days	Continue project while waiting for response
Project Team	<ul> <li>Detailed cost, schedule, quality</li> <li>performance</li> <li>Problem, proposed actions</li> <li>Coordination information for next 2</li> <li>weeks</li> </ul>	Weekly	Project Team Meeting Published meeting minutes		

Proj\_Doc\_Executive Summary\_Sweetwater Master Plan\_2022

# Sweetwater Chapter Master Plan & Design Project

## Sweetwater, AZ

			***			
Stakeholder	What kind of information do they need?	Frequency	Specialists (* 18	Medium	Response	Action if no response
					Rqd?	(Halt or Continue)
	<ul> <li>News from customer and sponsor</li> </ul>		and the sales			



## TÓLIKAN CHAPTER

EMAILED 4/2/22 6/37-2.m. du

President Samb Les Vice President Amold Slownian

Secretary/Treasurer Rosalinda Nelson Council Delegate Charlaine Tso Grazing Official David Tsosic

May 31, 2022

TO:

Dyron Murphy Architects LLC BIA Regional Road Engineer

FROM:

Joven Jusque

Tovina Yazzie, Chapter Manager

SUBJECT:

Request for cost after Pandemic on TOLIKAN CHAPTER MULTI-PURPOSE CENTER.

After a brief meeting and touring of the proposed land plot for the Multi-Purpose Center, Head Start, Veterans Park and Senior Center with Honorable Council Delegate Eugenia Charles-Newton, on May 31, 2022 with Sarah Lee, Chapter President; Tovina Yazzie, Chapter Manager and Lena Clark, Local Senior Council President and Mary Jane Betonie, Local Senior Council Vice President, it was determined to start processing for legislation to get it on the 2022 Navajo Nation Council Agenda during the summer session to secure funds from Sihasin. Honorable Delegate Newton agreed to sponsor the legislation for our Chapter Master Plan of the Multi-Purpose Center.

Further, securing funds for large projects may be best to plan it by phases. We are requesting your assistance in putting the Multi-Purpose Center to progress in phases such as; Phase I, Phase II and Phase II, etc. To have the cost breakdown per phases would allow the chapter and other funding agencies to determine how to allocate funds for each projects phases.

The updated cost is always important for projects, therefore, we are requesting for an updated cost on the Master Plan of the Multi-Purpose Center that your team has worked on, cost after a pandemic is important. Therefore, we need the request by Friday, June 03, 2022 by 4:00 p.m.

Your prompt attention of approving our request is appreciated. If you have any questions regarding this matter, please call me at (928) 429-0977. Sorry for the late notice regarding the request.

Thank you and have a good safe day!

CONCURRENCE BY: Sarah Lee, Chapter President

P.O. Box 105, Teec Nos Pos, Arizona 86514

Hwy 160 N35 (Google Map:36.852271, -109.446980)

Phone Number: (928) 429-0977

Email: sweetwateragnayajochapters.or

## Tolikan Chapter Senior Center Development Budget Estimate

Tolikan, Arizona	-	6/23/2022		reases for Inflat	on/l	Markets
Proposed Building Area (SF):		12,805	•	3.5%		3%
Est. Cost Per SF:	\$	550.00		2023		2024
General Construction						
Sitework	\$	640,291.62	\$	662,701.82	\$	682,582.88
Concrete	\$	721,248.03	\$	746,491.71	\$	768,886.46
Masonry	\$	235,509.56	\$	243,752.39	\$	251,064.97
Metals		772,765.74	\$	799,812.54	\$	823,806.92
Woods and Plastics		323,825.65	\$	335,159.54	\$	345,214.33
Thermal & Moisture Protection	\$	559,335.21	\$	578,911.94	\$	596,279.30
Doors & Windows	\$	500,457.82	\$	517,973.84	\$	533,513.05
Finishes	\$	618,212.60	\$	639,850.04	\$	659,045.54
Specialties	\$	279,667.60	\$	289,455.97	\$	298,139.65
Equipment	\$	471,019.12	\$	487,504.79	\$	502,129.93
Fumishings	\$	360,624.01	\$	373,245.85	\$	384,443.23
Special Construction	\$	-	\$	-	\$	•
Conveying Systems	\$	•	\$	•	\$	-
Mechanical	\$	1,074,512.37	\$	1,112,120.30	\$	1,145,483.91
Electrical	\$	802,204.44	\$	830,281.59	\$	855,190.04
Total Construction	\$	7,359,673.75	\$	7,617,262.33	\$	7,845,780.20
SOFT COSTS  ARCHITECTURAL & ENGINEERING  Architecturel/Engineering Fee		370,800.79	\$	383,778.82	444	395,292.18
Architectural/Engineering Fee - Construction		222,480.47	\$	230,267.29	\$	237,175.31
Project Closeout		11,124.02	\$	11,513.36	\$	11,858.77
As-Builts	-	9,270.02	\$	9,594.47	\$	9,882.30
Reimbursable Expenses		11,865.63	\$	12,280.92	\$	12,649.35
Subtotal		625,540.93	\$	647,434.86	\$	666,857.91
NN TAX		37,532.46	\$	38,846.09	\$	40,011.47
Total A/E Costs:	Ş	663,073.38	\$	686,280.95	\$	706,869.38
ADDITIONAL SERVICES						
Third Party Project Inspector	\$	131,625.00	\$	136,231.88	\$	140,318.83
Geolechnical Testing	\$	8,424.00	\$	8,718.84		8,980.41
Quality Control Testing During Construction	\$	7,416.02	\$	7,675.58	\$	7,905.84
Regulatory Agency Coordination	\$	12,636.00	\$	13,078.26	\$	13,470.61
Cost Estimate Updates	\$	10,003.50	\$	10,353.62	\$	10,664.23
Voice/Data/Technology	\$	78,975.00	\$	81,739.13	\$	84,191.30
Equipment Not Under FF&E (Allowance)		157,950.00	\$	163,478.25	\$	168,382.60
Utility Permits/Design by NTUA		16,848.00	\$	17,437.68	\$	17,960.81
Owner's Administrative Expense		42,120.00	\$	43,594.20	\$	44,902.03
Subtotal		465,997.52	\$	482,307.43	\$	498,776.65
NN TAX		27,959.85	\$	28,938.45	\$	29,806.60
Total Indirect Costs:	\$	493,957.37	\$	511,245.87	\$	526,583.25
Total Project Cost	\$	8,516,704.50	\$	8,814,789.16	\$	9,079,232.83

 Dated: June 23, 2022	

CENTER	
<b>FOLIKAN CHAPTER COMMUNITY CENTER</b>	
CHAPTER (	
<b>FOLIKAN</b>	

TOLIKAN CHAPTER COMMUNITY CEN	TER	Opinion of Probable Cost for Construction	ost for Construc	Ç	•	Dated	Dated: June 23, 2022
PHASE I DEVELOPMENT BUDGET	J	Dyron Murphy Architects, PC	ts, PC				
	Proposed Building Area (SF): Fst. Cost Per SF:	10,071 S 557,00		Offsite In	Offsite Infrastructure		
DIVISION 0001 - GENERAL REQUIREMENTS		\$ 380,535.70			3-P Electrical Power Ext.	\$ 57	1,530,000.00
DMISION 0003 - CONCRETE		\$ 552,540.38	%5.6		Potable Water Line Ext.	S. S.	73,440.00
DIVISION 0004 - MASONRY		\$ 100,971.85	1.8%		Natural Gas Line Ext.	S S	91,800.00
DIVISION 0005 - METALS		\$ 597,977.71	10.7%		Tele/Comm. Line Ext.	չ Տ	55,080.00
DIVISION 0006 - WOOD, PLASTICS & COMPOSITES	ដ	5 130,702.45	23%		Subtotal	S	1,750,320,00
DIVISION 0007 - THERMAL AND MOISTURE PROTECTION	TECTION	\$ 326,266,33	5.8%		Contingency	15% \$	262,548.00
DIVISION 0008 - OPENINGS		\$ 350,035.73	62%	-	Subtotal	<b>~</b>	2,012,868.00
DIVISION 0009 - FINISHES		\$ 503,737.32	%0.6	· .	General Contractor OH	5.0% \$	100,643.40
DIVISION 0010 - SPECIALTIES		\$ 215,897,39	3.8%		Subtotal	v	2,113,511.40
DIVISION 0012 - FURNISHINGS	7.	40	%0:0		General Contractor Profit	5.0% \$	105,675.57
DIVISION 0022 - PLUMBING		329,841.36	2.9%		Subtotal	S	2,219,186.97
DIVISION 0023 - HEATING, VENTILATING, AND AIR	IR CONDITIONING (HVAC)	406,692.16	73%		G/L & Bidrs Risk Insurance	2%2	37,726.18
DIVISION 0026 - ELECTRICAL		426,886.53	7.6%		Subtotal		2,256,913.15
DIVISION 0027 - COMMUNICATIONS		123,410.03	22%	•	Subcontractor PPBond	0.88% \$	19,860.84
DIVISION 0031 - EARTHWORK		482,982.00	8.6%	****	Subtatal	<b>د</b>	2,276,773.98
DIVISION 0032 - EXTERIOR IMPROVEMENTS		257,900.33	4.6%				
DIVISION 0033 - UTILITIES		422,959.84	7.5%		i.		
	Subtotal	5,609,547.00	100.0%		NN TAXES	6.0% \$	136,606.44
	Confingency	841,432.05	15.0%		TOTAL CONSTRUCTION BUDGET	VDGET \$	2,413,380.42
	Subtotal	6,450,979.05					
	General Contractor OH	451,568.53	7.0%				
	Subjoid	6,502,547,58		PKOJECI	PROJECT SUFFI COSTS		
	General Contractor Profit	483,178.33	7.0%	· ·	Owner's Admin. Cost	10.0% \$	241,338.04
	Sublotal 3	7,385,725.91			Surveys/Testing	S S	25,000.00
	GAL & Bildrs Risk Insurance	125,557.34	£.7.		Design Fee (NTUA)	2.0% \$	48,267.61
	S letotops	7,511,283.25			Subtotal	<b>\$</b>	314,605.65
	Subcontractor PPBond &	65,099,29	0.83%		NN Taxes	6.0% \$	18,876.34
	Subtotal	7,577,382.55			Total Soft Costs	**	333,481.99
	NN TAXES S	454,642.95	6.0%		TOTAL OFF-SITE CONSTRUCTION:	CTION: \$	2,746,862.41
TOTALC	CONSTRUCTION BUDGET \$	8,032,025.50					
STOCK TOOK TOOK				<b>.</b>			
ראשבנו זטרו נטזוז		000000	1000				
	Comers Admin Cost	425,000.00	e 0	CHUUADY		d rate	
	t nonadem rejors to remin	2000000	3 5	Duildes 9	Duilden P On City Cooperation		R 6.18 5.22 85:
	Materials Tesurgical	07,020,20	3 §	Offilia Infractation	direction Constitution	<b>,</b> .	2746 RE2 41
•	Professional Fees (Biologist)	20.102,126	\$ C	D X 10	Succini e	, .	44 205 285 28
		ă E	3		ZOI/ CONSTITUTION:	*	07.000,000,11
	C ISTOROGY CHANGE	07.100,100	808	<b>.</b>			
31300 1103 11101			2		-		
IOIAL SUFI COSIS	NORTHINGSTAND	8 648 577 RS				•	
		and the state of t			2022 Construction:	3.5% \$	14,180,749.73
					2023 Construction:	4.0% S	14,747,979.72
							•



## CORNFIELDS CHAPTER

P.O. Box 478, Ganado, Arizona 86505 – PH# (928) 755-5912 – FAX# (928) 755-5917 Email: cornfields@navajochapters.ora Website: cornfields.navajochapters.org

June 07, 2022

The Honorable Vince R. James Navajo Nation Council Delegate Window Rock, Arizona 86515

Dear Honorable James:

On behalf of the Cornfields Chapter, I am respectfully requesting the Navajo Nation Council Naahbkiyat'i Committee's immediate attention and action on the attached resolution CF-APR2022-035.

Comfields Chapter realizes that pursuant to CAP-34-98, the Local Governance Act allows all chapters to make decisions over local matter; this authority will improve community decision making,; allow communities to excel and flourish, enabling Navajo Nation leaders to lead towards a prosperous future of its community; and improve the strength and sovereignty of the Navajo Nation. Pursuant to 26 N.N.C., Section 102(A) the former Navajo Nation Transportation & Community Development Committee has reviewed the Chapter's Five Management System Policies and Procedures. On July 14<sup>th</sup> 2010, the Navajo Nation Transportation & Community Development Committee certified the Comfields Chapter as Governance Certified that shall exercise authorities pursuant to 26 N.N.C., Section 103.

Cornfields Chapter is working on submitting an application for the Arizona Community Foundation (ACF) in the amount of \$150,00.00 to fund Cornfields Chapter Veterans Organization planning, development, and construction of a Veterans Courtyard with associated facilities for Veterans gathering and education activities.

On behalf of our community, I urge you to favorably consider Resolution CF-APR2022-035 for approval. If you have any questions or need additional information, please do not hesitate to contact me directly at (928) 755-5912 or via email at comfields@navajochapters.org.

Sincerely,

Alfreda Earle, Chapter Manager

Augusta Enle

Attachments: Resolution CF/APR2022-035



## CORNFIELDS CHAP

P.O. Box 478, Ganado, Arizona 86505 – PH# (928) 755-5912 – FAX# (928) 755-5917 Email: <u>cornfields@navajochapters.ora</u> Website: cornfields.navajochapters.org

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## RESOLUTION OF THE CORNFIELDS CHAPTER

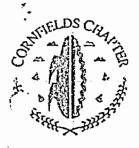
Approving and Requesting support from the Navajo Nation Council Naa'bik'iyati' Committee for the Arizona Community Foundation (ACF) in the amount of \$150,000.00 to fund Comfields Chapter Veterans Organization Planning. Development, and Construction of a Veterans Courtyard with Associated Facilities for Veterans Gathering and Education Activities;

Authorizing Cornfields Chapter as Fiscal Agent on behalf of the Cornfields Veterans

Organization on the Project.

## WHEREAS:

- 1. The Cornfields Chapter is a certified governing entity recognized by the Navajo Nation Council, pursuant to 26 N.N.C., Section 3(A), as listed at 11 N.N.C., Part 1, Section 10, and
- 2. Pursuant to 26 N.N.C., Section (B), Comfields Chapter is vested with the authority to review all matters affecting the community, make appropriate decisions, corrections and to make recommendations to the Navajo Nation Council and other local agencies for appropriate actions, and
- 3. Comfields Chapter is authorized to implement Resolution CAP-34-98, the Local Governance Act, which recognizes governance at the local community level to be more self-sufficient level and delegates to all LGA-certified chapters governmental authority with respect to local matters to advocate on behalf of the Cornfields community including veterans; and
- 4. Cornfields Chapter is aware the Navajo Nation has a distinct history of honorable service in the U.S. armed forces and has one of the highest population per capita of members who serve in the armed forces and The People treat veterans with outmost honor and respect; and
- 5. Cornfields Chapter supports the Cornfields Chapter Veterans Organization's desire plan, design, and construct a Veterans Courtyard with associated facilities for veterans gathering and to provide community educational activities to honor the distinct services of our veterans but Navajo Nation Council Naa'bik'iyati' Committee approval is needed to submit funding a request to ACF directly.



## CORNFIELDS CHAPTER

P.O. Box 478, Ganado, Arizona 86505 – PH# (928) 755-5912 – FAX# (928) 755-5917

Email: cornfields@navajochapters.org Website: cornfields.navajochapters.org

Page 2

CF-APRIL2022-035

## NOW THEREFORE BE IT RESOLVED THAT:

- The Cornfields Chapter, hereby, approves and requests support from the Navajo Nation Council Naa'bik'iyati' Committee for the Arizona Community Foundation (ACF) funding request in the Amount of \$150,000.00 for the Planning, Design, and Construction of a Veterans Courtyard with associated facilities to accommodate Veteran's gatherings and community educational activities to honor our veterans who serve and have served in the armed forces.
- 2. The Cornfields Chapter respectfully requests the Naa-bik'iyati' Committee of the Navajo nation Council to authorize the Cornfields Chapter Administration to be the fiscal agent on behalf of the Cornfields Veterans Organization on this project and to do all that is necessary to achieve the intent of this resolution including procuring agreements in coordination with the Navajo Nation Department of Justice and services to bring the project to realization.
- 3. Furthermore, The Cornfields Chapter authorizes the Cornfields Chapter Officials/Administration and partners to seek additional funding opportunities from available government, non-profit foundations, and private donor sources to bring to realization the Cornfields Chapter Veterans Courtyard and associated facilities project; and

## CERTIFICATION

I hereby certify that the foregoing resolution was considered at a duly called meeting at Cornfields Chapter, Navajo Nation (Arizona), at which at quorum was present and that same was passed by a vote of 19 in favor, 00 opposed and 01 abstaining on this 11th day of April 2022.

Presiding Chapter President CORNFIELDS CHAPTER

Motion: Mr. Lawrence Sam, Sr. Second: Mrs. Linda Youvella

## RAMAH NAVAJO SCHOOL BOARD, INC.

PINE HILL, NEW MEXICO RESOLUTION NO. RNSB-EXEC-2022-019

A RESOLUTION TO APPROVE THE RESUBMISSION OF A NAVAJO NATION FEDERAL RECOVERY FUND APPLICATION TO THE NAVAJO NATION DIVISION OF COMMUNITY DEVELOPMENT PER THE ADVICE OF NNDOJ TO ADD BFS-31-21 EXHIBIT 5 SECTION (4)(B)(2)(c), IN THE AMOUNT OF \$10,159,542 TO REPLACE AND UPGRADE THE RAMAH NAVAJO SCHOOL BOARD DRINKING WATER SYSTEM TO PREVENT, MITIGATE AND RECOVER FROM THE COVID-19 PANDEMIC IN THE RAMAH NAVAJO COMMUNITY

- WHEREAS, the Ramah Navajo Chapter of the Navajo Nation established the Ramah Navajo School Board, Inc., on February 6, 1970, through Chapter Resolution No. M75-70-1A; and,
- WHEREAS, the Ramah Navajo School Board, Inc. (RNSB) was incorporated on February 10, 1970, as a private, not-for-profit organization in the State of New Mexico to provide charitable, benevolent, social, educational and related services as needed by the Ramah Navajo community; and,
- 3. WHEREAS, the Navajo Nation has received in excess of \$2 Billion in funding for the improvement of critical infrastructure within the Great Navajo Nation; and,
- 4. WHEREAS, Navajo Nation Legislation CJY-41-21 authorizes funding for infrastructure proposals; and,
- 5. WHEREAS, RNSB has submitted its application in October 12, 2021 and with the advice by the Navajo Nation Department of Justice to submit a RNSB duly approved resolution to address BFS-31-21 Exhibit 5, Section (4)(B)(2)(o); and,
- 6. WHEREAS, the RNSB duly approves to abide by the BFS-31-21, Exhibit 5, Section (4)(B)(2)(c) to include a budget line item for contingencies, hereto as Exhibit A and incorporated herein by reference the RNSB Water System Improvements Budget that includes a 20% Contingencies line item; and,
- 7. WHEREAS, the RNSB will also duly approves to abide by BFS-31-21, Exhibit 5, Section (4)(B)(3) statement:
  - (1) Request for a specific amount of \$10,150,542,
  - (2) The funds will be used for the following Expenditure Categories to satisfy the purpose of the ARPA
    - i. 5.10 Drinking water: Treatment
    - ii. 5.11 Drinking Water: Transmission and Distribution
    - iii. 5.13 Drinking Water: Source
    - iv. 5.14 Drinking Water: Storage
    - v. 5.15 Drinking Water: Other Water Infrastructure
  - (3) RNSB affirms that the awarded funds will be used in compliance with ARPA, the ARPA regulations, and all other applicable Navajo Nation and other federal laws and regulations.

8. WHERHAS, attached hereto as APPENDIX A and incorporated herein by reference is the Navajo Nation Fiscal Recovery Funds Request Form and Expenditure Plan with supporting documents.

NOW, THEREFORE, HE IT RESOLVED THAT THE RNSB BOARD OF TRUSTEES HEREBY: Approves the resubmission of a Navajo Nation Federal Recovery Fund application to the Navajo Nation Division of Community Development per the advice of NNDOJ to add BFS-31-21 Exhibit 5 Section (4)(b)(2)(c), in the amount of \$10,159,542 to replace and upgrade the Ramah Navajo School Board drinking water system to prevent, mitigate and recover from the COVID-19 pandemic in the Ramah Navajo community

## Certification

We, the undersigned members of the RNSB Board of Trustees, hereby certify that the foregoing resolution was duly adopted by a vote of <u>5</u> in favor, <u>0</u> opposing, and <u>0</u> abstaining, at an official meeting of the Board of Trustees held in Pine Hill, Now Mexico, on March 19, 2022.

MARTHA GARCIA, PRUSIDENT, RNSB BOARD OF TRUSTEES

[CORPORATE SEAL]

CAROLYN COHO, EECRETARY-TREASURER, ENSB BOARD OF TRUSTEES

## Exhibi A - RNSB-Exec-2022-019 Ramah nava io school egard prelimnary endineering report Water System exprovements

ENORGER'S OPPOON OF PROBABLE COST 4737223 speeds of 10722231

· · · ·

ttem No.	ттем ревскиртом	war	אנוואמנס	U	ur cost		COST
1	Construction strateg, compt. (1.8%)	Ltt	1		27,531,04	3	PQ.198,63
2	Construction Mobilization and Committeeton, compt. (11.6%)	12	1	8	640,810,60	\$	649,010.60
3	Flood Protection, compl. (.1%)	LS	1	8	5.024.44	-	B.RZA.A4
4	Transc Control (3%)	LS	1	6	16.673.32		16,873.32
	600 Charing and Grandbay, compi.	AC	11	3	2,443.00	-	2,449.00
8	T Waterine Pipe bird, bonds, frings, resinised foliate, trench & compatied backlit to 6' depts, etc. Transmission over contest, samps,	u	£,500	:	18.50	*	ಯಯಯ
7	restrained joints, trench & comparied	LF	1,475	5	47.00	\$	61,050.00
0	ह" Khilesha Pipa hui, benda, Elliga, natiolaed Johns, brach & compated hadill to 6' depth, etc.	ម	17,533	<b>8</b>	100.50	\$	02.000,007,7 
10	Pressurand websitus connection, 63 street, but, Enings, compt.	EA	10	3	2,600,000		24,000,00
11	Non-pressurized correction, extring welchine, all sizes, lack fixings, compt.	EA	6	8	3,500,00	40	21,500,00
12	Too or Wyo, 4° to 8° waterline, and joining minimal, etc.	EA	4	8	803.00	\$	53.003,E
14	4" Clote Vittre & Vittre Box, cip.	EA	4	1	2,100.00		8,400.00
16	3" Gata Velvo & Velvo Box, etp.	EA	83	•	4,200.00	_	222,600.00
18	Valvo Box, Removo & Dispose, compl.	EA	\$0	13	300.00	1	0,000,00
19	Fire Hydrand, of bury, MU, bred, blocking B appropriate, cip.	EA	31	1:	7,500.00	3	212,500,00
20	Fire Nythers, Existing, Remove & Selvage, compl.	EA	20	1	630.03	5	12,000.00
24	i" Woler Main Yap, Barylon Badilin & Coup Slop	EA	122	1	1,000,00	8	122,000,00
25	T Water Main Top, Barrier Beatle & Corp Biop	EA	6	15	1,200.00	12	7,200,00
25	Residential 3/4" Water Motor & Con Combination of Regio Reed, Incl. concrete pad. cover & lef. ctp.	EA	122	8	1,600.00	\$	103,200.60
20	Bored Crossing 12" Casing (Corder PUs Not Instituted)	U	600	1	192.00	1	88,000,00
50	Z' Combination Air Raiscese and Vermon Valve, efg.	EA	10	2	8,380.00	_	83,600.00
21	PRV Vend	EA	3_	:	80,000.00		120,000,00
52	Rock excervation	CY	500	15	128.00	13	64,000.00
<b>33</b>	14 or 1° PE Service Erre Lastellation (10 it services)	UF	1,220	1:	643.00	3	. 61,243,03 64,300,03
34	Thrust blocking	<u> </u>	100	3	64100	15	עוניייבאס
- 25	Overpaid AMPI 83	LS	1	:	620,232,003	1	ഞ്ഞാ
<b>3</b> 3	Whiter Treatment Feeling building and beatment equipment	LS	1	15	833,530,00	1	\$50,000.00
<b>37</b>	Evaluate structural integrity of the 250,000 gallon bank (Aliamether 1)	EA	1	8	20,000.00	3	20,000,00
30	INCOC Cutton Stock Webbod Webbor Shampo Tersk, brahalany fourdeline, phing, losting and claimloction. (Alternative 3)	EA	1		£30,000.00	8	00.000,cc3
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Engineering Design (15%)	Š	257,928,11
Construction Services/Inspection(10%)	š	638,818,74
TOTAL	<del></del>	10 (50 64) 61

<sup>\*</sup>Increased per Quote from Chilipen
\*Increased for rapair or dumn

## THE NAVAJO NATION FISCAL RECOVERY FUNDS REQUEST FORM & EXPENDITURE PLAN FOR EXTERNAL ENTITIES

Part 1. Identification of parties. requesting FRF: Ramah Navajo School Board, Inc. Date prepared 3/11/2022 phone/email: (505) 978-9298/nancy@msb.k12.nm.us PO Box 10 External Entity's\_ maling address: Pino Hill, NM 87357 website (deny): www.msb.k12.nm.us phone/email: (505) 978-9245/elvln@msb.k12.nm.us This Form prepared by: Aivin Refelito Alvin Rafelito, HHSD Director alvin@msb.k12.nm.us CONTACT PERSON'S BEING and Elle CONTACT PERSONS leb . Tills and type of Protect: Upgrade/Replacement of the Drinking Water System for the Ramah Navajo School Board, Inc. External Entity's CEO (crequivalent): Ms. Nancy R. Martine-Alonzo phone & email: (505) 979-9298 nancy@msb.k12.nm.us phone & email: (505) 713-4007 Martha G@msb.k12.nm.us Ms. Martha H. Garcia Board President Board Treasurer or phone & email: (505) 303-6333 Carol C@msb.k12.nm.us Ms. Carolyn Coho, Board Treasuer Financial Officer. Funding Recipient will be working with: Division of Community Development, Dr. Pearl Yellowman on the Protect and same will be submitting the Funding Request Package for Review, and will have Administrative Oversight over this FRF Expenditure Plan. List types of Subcontractors or Subreciplents that will be path with FRF (if known): WH Pacific, an NV5 Company Water and Wastewater Contractor document attached Amount of FRF requested: \$10,159,542 FRF funding period: June 1, 2022 to January 30, 2024 Indicate Project starting and and ingitioed in a state Part 2. Expenditure Plan details. (a) Describe the Program(s) and/or Project(e) to be funded, including how the funds will be used, for what purposes, the location(s) to be served, and what COVID-related needs will be eddressed: The funds will be used for a complete drinking water system replacement from well source to treatment, to storage and distribution on the RNSB campus in Pine Hill, NM, RNSB water infrastructure has reached its useful life and is constantly having to be repaired and/or replacements of wom out parts. When water line repairs are done, the whole water system has to be shut down. This affects the residential, health center and businesses/programs. Sanitation is key in the prevention of COVID and we need a reliable water system to clean and sanitize with. (o) Explain how the Program or Project will benefit the Navajo Nation, Navajo communities, or the Navajo People: Miligation and prevention of the COVID pandemic needs reliable available water for the health, safety and welfare of the Ramah Navajo community, schools, businesses and health center, Provide safe . drinking water for a long term sustainability and prevent the disruptions of our Navalo students' education, businesses and health services due to constant water breaks and repairs. document attached

(c) Provide a prospective timeline showing the estimated date of completion of the Project and/or each phase of the Project. Disclose any challenges that may prevent you from incurring costs for all funding by December 31, 2024 and/or fully expending funds and completing the Program(s) or Project(s) by December 31, 2028:

APPENDIX A

ALLENDIA
The Ramah Navajo Chapter declared an Stage of Emergency by Resolution No. 022003. We are addressing our water system repairs/replacement as an emergency project. The challenge would be receiving supplies in a timely manner due to COVID. Timeline attached
(d) Mentily who will be responsible for implementing the Program or Project:
Ms. Nancy R. Martine-Alonzo, RNSB Executive Director, Mr. Wylle Clawson, RNSB Facilities Management Director and WH Pacific
C document attached
(e) Explain who will be responsible for operations and maintenance costs for the Project once completed, and how such costs will be funded prospectively:
The RNSB Facilities Management Department will be responsible for the operation and maintenance cost of the completed project. O & M cost is charged to RNSB programs that uses the water.
document etisched
(i) State which of the 68 Fiscal Recovery Fund expenditure categories in the attached U.S. Department of the Treasury Appendix 1 listing the proposed Program or Project falls under, and explain the reason why:
5. Infrestructure 5.10 Drinking Water: Treatment - Our treatment water plant is over 45 years old and parts for it have been breaking down. 5.11 Drinking Water: Transmission and Distribution - Our water distribution is made from ductile iron
pipes and they are rusting away causing multiple water leaks 5.13 Drinking Water. Source - One of our wells is off-line due to radionuclide reading above the MCL we need to install vault meters on our water wells to blend the water and it needs its pump, motor, dop pipes replaced.
5.14 Drinking Water: Storage - We need an elevated drinking water storage tank, currently our drinking water storage tank is off site for community distribution. We also need another raw water storage tank for fire suppression and landscaping.
Part 3. Additional documents.
List here all additional supporting documents attached to this FRF Expenditure Plan (or Indicate N/A):
RNSB Resolution RNSB-EXEC-2022-019 Approve to submit a Navajo Nation ARPA (FRF) The Ramah Navajo Chapter Resolution No. 022003 Declared an "acute Stage of Emergency The Navajo Nation Program Budget Summary - Appendix B Preliminary Engineer Report - Emergency Water System Improvement & Cost Undated Resolution attached
Part 4. Affirmation by Funding Recipient.
Funding Recipient affirms that its receipt of Fiscal Recovery Funds and the implementation of this FRF Expenditure Plan shall be in accordance with Resolution No. C.IV-41-21, the ARPA, ARPA Regulations, and with all applicable federal and Navajo Nation laws, regulations, and policies:
Preparet: Approved by: Approved
Approved by:
-OR- Approved to submit
to Relienc

## Ramah Navajo School Board, Inc., Emergency Water System Improvements

Preliminary Engineering Report

September 24, 2020

## Prepared for:

Ramah Navajo School Board, Inc.

AN NV 5 COMPANY

6501 Americas Parkway Northeast, Suite 400 Albuquerque, New Mexico 87110 I, Russell R. Rodke, Registered New Mexico Professional Engineer No. 10659, hereby certify that the material contained in this document was prepared by me, or directly under my supervision, and is true and correct to the best of my knowledge and belief.

Russell R. Rolle

9-24-2020

Russell R. Rodke, P.E. N.M.P.E. License No. 10659 Date

WHPacific

Ramah Navajo School Board, Inc., Water System Improvements
Preliminary Engineering Report



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Ramah Navajo School Board, Inc., Water System Improvements
Preliminary Engineering Report



## 1. Introduction

The School needs emergency help. The School is out of water. Both wells are not working, and the only water is being supplied by the neighboring Jacob's Well system. The pipes in the ground are 45 years old and need replacing. The water tank needs repair. Water samples have exceeded the EPA Maximum Contaminant Levels for arsenic, lead, radionuclides and endocrine disrupting phthalates. The system has grown over the years and served the Indian Health Service Clinic and other facilities that are especially needed by the community as it fights the COVID-19 virus.

### Steps for Clean Water:

- Sources-Well #1 and Well # 2, BOTH NOT WORKING
- Connection to neighboring system-Jacob's Well (off campus)
- Hilltop Tank and School Tank Raw Water Storage
- Optimized Treatment-removes arsenic, lead, phthalates, and radionuclides
- Out to distribution- pump supplies pressure
- Lines to buildings .....

The Ramah Navajo School Board, Inc., ("School") is a private, self-governing 501(c)(3) nonprofit corporation which runs a complex of Head Start, Elementary, Junior High and High Schools, and other services at Pine Hill, New Mexico, While the School cooperates with the Ramah Navajo Chapter of the Navajo Nation, It is a separate entity. In 1970, the Board established the Ramah Navajo High School in Ramah, NM, one of the first Indian community schools governed by an all-Indian, locally controlled school board. By 1975, the current Pine Hill Elementary and High Schools were under construction at their present site 12 miles south of the town of Ramah and the students begon learning there even before the buildings were completed. The local efforts were a model for the groundbreaking federal 1975 Indian Self-Determination and Educational Assistance Act, PL 93-638, which provided similar educational opportunities across the country to Indian students. The 50th anniversary of the Board's founding was celebrated in February 2020 just before the Coronavirus (COVID-19) pandemic became a national health crisis. Federal funds, under the Coronavirus Ald, Relief, and Economic security (CARES) Act, are available for addressing immediate health and safety needs related to the pandemic but need to be expended by the end of 2020. The water system is 45 years old and deficient and inadequate for the additional demands on the system for sanitation and prevention of the spread of the virus. The Navajo Nation including the Ramah Navajo community has been disproportionately negatively impacted by the virus. A contributing factor to the COVID-19 impact on the Navajo Nation is the lack of running water for sanitation purposes. On an emergency back-up basis, the School's system occasionally supplies water to much of the southern half of the Ramah Navajo Chapter, Including the school complex, Jacob's Well, unit 3, unit 5 and the Hilltop tank's systems.

The School has contracted with WHPacific for the preparation of a Preliminary Engineering Report (PER), to evaluate the present condition of the School's water system and determine the suitability for continued use and recommended improvements. A PER is a planning document required as part of the process of obtaining financial assistance for the development or improvement of drinking water projects. The PER describes the proposed project from an engineering perspective, analyzes alternatives to the proposal, defines project costs, and provides information critical to the underwriting process.

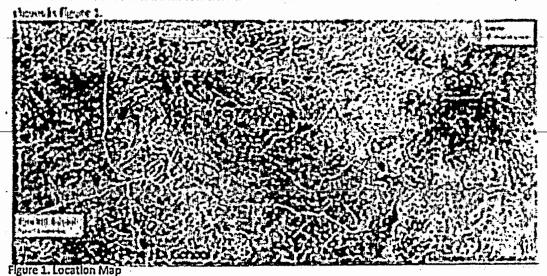


United States Department of Agriculture (USDA) Rural Development Bulletin 1780-2, Preliminary Engineering Reports for the Water and Waste Disposal Program, has been adopted by many state and federal agencies as the template for the development of the PER required for the funding application process. As such, RD Bulletin 1780-2 was used as the guide for the preparation of the document.

## 2. Project Planning

#### a) Location

The proposed project is in the unincorporated community of Pine Hill in Cibola County in the heart of the Ramah Chapter of the Navajo Nation on a property of about 240 acres owned by the School. It is about 35 miles southwest of Grants, NM, on Indian Service Route ("Route") 125, about 22 miles south of the town of Ramah. The Pine Hill School is near the Intersection of Routes 125 and 140. A Location map is



The project water system is the oldest part of a larger system "NN3500250 Pinehill Community and School RNUA". RNUA is the Ramah Navajo Utility Authority, a separate for-profit part of the Ramah Navajo Chapter government. This PER deals with the "campus" community served by the School's water system including Pine Hill Schools (Head Start, Elementary, Junior High and High School and administration buildings), 70 residences for teachers and staff and dormitories for residential students, the School Farm and Fairgrounds, as well as the related entities of KTDB 89.7 Radio Station, Pine Hill Volunteer Fire Department and Emergency Medical Services, United States Post Office, Pine Hill Health Center and Pharmacy, and Pine Hill Behavioral Health. The small shopping center of Pine Hill Market and Gas Station, a branch of the First Financial Credit Union and a formerly operating laundromat are served by the School's water and wastewater lines. Nearby "off-campus", in the Pinehill community are the RNUA yard -located off Indian Route 122 near the Intersection with Indian Route 184, Jacob's Well - located on Indian Service Route 139, the Ramah Navajo Department of Transportation office and patrol yard - located approximately one mile south of the intersection of 125 and 122 and abutting 125, and four Navajo Housing Administration developments - located just east across 184 and at the Intersection of 182 and



122. Figure 4 shows the relative location of the off-campus entities and the tanks and wells mentioned in this report.

The elevation of the project site ranges from 7402 at the wastewater plant discharge to the arroyo to 7500 feet in the north side of the campus at the top of the hill. The elevation at the bottom of the existing water tank is approximately 7499 feet. Located on a low hill above flat terrain, the service area is bound by Route 125 on the West and Route 184 on the east, for a West-East distance of about 3,500 feet and is about 2,800 feet north to south. To the east, the Continental Divide, with an average elevation about 7800 feet, meanders as close as six miles away and El Morro National Monument and the Zuni Mountains are to the northeast. The terrain slopes southwestward toward tributaries of the Zuni River and the Little Colorado River.

Plants and trees native to the region include grasses, chamisa, sagebrush, Ponderosa pine, piñon, and juniper. Elk, deer, turkeys and eagles are often seen near the site. Data from the nearest weather station at Grants indicates the climate is semi-arid with summer thunderstorms common in July and August. Snow is possible from November through March and has occurred as late as May. Average monthly summer temperatures range from 49° to 89° F and in the winter from 15° to 51° F. The record high and low are 98.1 degrees F July 3, 2007, and -23.1 degrees F on February 3, 2011.

#### b) Environmental Resources Present

The project area is rural with considerable development around the School for which the project provides water. Area agriculture activities are centered on livestock and farming in the form of traditional vegetable gardens supplements store bought groceries. Ranching includes mostly sheepherding or cattle ranching. Multigenerational families live in clustered housing developments or scattered isolated homes in the area. Most of the population are members of the Navajo Nation and consists of families from small children to elders, with a majority employed at the school or the above related entities.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map 35006C1000C dated August 15, 2020, the project area, categorizes the flood risk as Zone D which indicates the flood risk has not been quantified. The project sits on the top of Pine Hill which should remove it from any floodplain.

The building site for the school and support buildings was determined by the people of Ramah Navajo. The site has been extensively used for 50 years and staff have encountered no artifacts. It is unknown if an archaeological survey has been completed for the site, previous ancestral uses for the land were minimal and it is unlikely that any cultural resources are present in the specific project site. Cliff dwellings and pueblo ruins, like the site on top of El Morro National Monument, are known in the area, but it is disrespectful to visit or build on them.

Since 1975, during the construction of the school and other community buildings, or since then during the installation and maintenance of water distribution or sewage collection lines, no cultural resources were encountered. In future water and sewer line construction no disruption of natural or historical resources are anticipated.

No endangered species are known to be present.



#### .c) Population Trends

Population Trends. The 2017 Regional Water Plan for Northwest New Mexico prepared for the Interstate Stream Commission indicates a projection of little growth for Cibola County. Estimates from the US Census American Community Survey for 2010-2016 for the Ramah Chapter show a down and up fluctuation between 1247 and 1401 total population for a net projection of about 0.5% growth. The water use at the School depends on many factors such as the current COVID-19 pandemic, new school and community programs, and alternative education opportunities. The Ramah Navajo Department of Transportation performed another study in 2015 which indicated that population was closer to 4000 registered Ramah Navajo Band members who live within the reservation boundary.

The Pine Hill School, New Mexico, is an unincorporated community in Cibola County within the Navajo Nation census tract 2430. It is not a Census Designated Place and Census Data for this community is not readily available. The approximate student population of the school is 316. The school is not limited to students from the immediate community and has dormitory facilities to better serve students from more remote areas. Public Water System Permit NN3500250 for Pinehill Community and School RNUA has the system serving 1007 people. Attendance at the school and the size of the staff at the school and associated facilities are expected to remain steady.

The current 2020 census will give more current data when it is complete. The closest towns in New Mexico, such as Gallup, Grants and Zuni report reasonably stable populations as shown by University of New Mexico Bureau of Business & Economic Research. Gallup and Grants have shown a small decrease in population over the 2000 to 2010 period, while Zuni has shown a small population increase. Cibola County has a 2010 population of 32,900, showing a growth pattern over the previous ten years. The population of the RNSB community is expected to have about 0.5 % annual growth.

Archeologists date the presence of Navajo people in the area back to 600 AD. According to the Ramah Navajo Chapter profile on enavajo.org, seven Navajo families returned in 1868 from the Long Walk to their traditional homeland of Tiohchin, "Wild Onlon". The chapter was certified by the Navajo Nation in 1957, a chapter house was built in 1964. The Ramah Navajo School Board, Inc., was established 1970 and just in February 2020 celebrated its 50<sup>th</sup> anniversary.

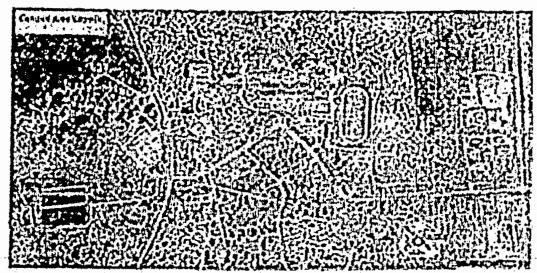
#### d) Community Engagement

Due to the tight timetable of funding, community engagement by the consultant will be limited to a summary of project status delivered to RNSB staff and RNSB Board. The RNSB conducts Board of Director meetings as deemed necessary to communicate to the public ongoing events or projects. The organizational documents require monthly meetings open to all system users and residents. The contract for the PER for Water System Improvements was approved on August 12, 2020.

## 3. Existing Facilities

a) Location Map





. Figure 2. Campus Area Layout

#### b) History

The Pine Hill Schools and community were built in stages. In 1975, two wells were drilled to a depth of 3,500 feet, cased, equipped with sand screens and the bottoms were gravel packed. The static water level is at 800 feet. Most of the water distribution and wastewater collection lines were put in with the initial construction of the school in 1975 and have exceeded their design life. The current water treatment plant operation and maintenance monual indicates the Cuiligan treatment system was put in place in 1990 and consists of water softening, filtration, chlorination and fluoridation. Equipment includes 2 water softeners, 2 pressure filters, and chemical feeding equipment for fluoride and chlorine supplied by Southwest Water Conditioning, Inc., a Cuiligan representative. There are two raw water storage tanks, one 250,000-gallon tank on the schools' campus and a second is the Hilltop tank, a 500,000-gallon tank located 2 miles to the northwest operated by the RNUA but occasionally receiving water from the School system. A booster pump is used to obtain distribution pressure after treatment. A Fire Suppression pump is also part of the system.

Over the years, additional buildings were constructed on the School campus. The following is a brief history of the growth of the campus.

- On September 26, 1975 the Pine Hill High School and Elementary Schools were dedicated.
   They were originally built to accommodate 248 students.
- In 1976, the Kindergarten and gymnasium buildings were completed. A Health Center was built in Pine Hill and operates under contract by the Indian Health Service.
- In 1981, the Library and Media Center were built, and the North Central Association officially accredited the schools.
- 4. In 1989, The Middle School and Multi-Purpose buildings were completed.
- 5. In 1992, the Pine Hill Market was built.
- 6. In 1993, the Child Care Center opened.
- 7. In 1995, the 66-unit staff housing project was completed.



- By 1997, the Behavioral Health Center, Parent Resource Center, and the Volunteer Fire Department and Emergency Medical Services building were completed.
- 9. In 2007, the new Pine Hill School Dormitory was completed.

### c) Condition of Existing Facilities

#### Operator

The Board employs Ron Francis, Water Operator Level 2 for treatment and Level 1 for distribution. While there are some meters on the system, the school buildings are not charged separately for water and the staff housing and other users are charged a flat rate, so there is no meter reader on staff.

#### Water Rights

The Navajo Nation has extensive but unquantified water rights under the Winters Doctrine (1908). The Zuni River Adjudication is currently underway. The Zuni portion of the adjudication has been rescheduled to allow the Zuni Pueblo to work cooperatively with the Navajo Nation and the Ramah Band of Navajos. In the San Juan River basin, the adjudication process resulted in a negotiated settlement that quantified the Navajo Nation's Federally Reserved water rights for that basin. The Navajo Nation intervened in the Zuni adjudication in 2002 and continues to be involved. The groundwater withdrawals for the school and community should be considered in any settlement.

This Preliminary Engineering Report evaluates the Water system of the Board for the planning period 2020-2040. Current water demands are approximately 133 acre-feet per year, based on the 1,007 users on the water permit, and at a 0.5% growth rate would increase to 1,113 users and 147 acre-feet by 2040.

#### Water Quality

Recent water quality testing show exceedances of EPA Maximum Contaminant Levels regulations in phthalates, arsenic and radionuclides as well as non-compliance violations on submittal of various sampling results. The water treatment building and equipment needs replacing. The chlorine fumes have eaten holes in the door frames. The arsenic and radionuclides violations show the need for more extensive treatment. Blending water between the wells to dilute the arsenic and radionuclides helps and requires additional methods for a long-term solution.

#### Water Supply

The two wells are 3,500 feet deep with a static water level of 800 feet. Well 1 was recently overhauled and has been producing all the water for the system, until it recently went offline due to clay chunks interfering with the operation. Well 2 urgently needs an overhaul to correct electrical problems that shut the well off, as well as to replace worn and corroded parts. Well 1 produces 80 gallons per minute. Well 2 produces 40 gallons per minute when it is functioning. Additional equipment such as a properly equipped service truck would improve response time to line breaks. With both wells inoperable the system is relying on the water from Jacob's Well and the Hilliop Tank. Repairs of both Wells 1 and 2 are underway.

Water Distribution

The School's system within the campus includes approximately 3.2 miles of 6-inch cast iron and galvanized steel water distribution line, and 1.2 miles of 4-inch and 2-inch as shown in Figure 4, located throughout the service area. Since the School owns all the property, there are no private easements or public permits for the waterlines, except where the lines cross IR 125 and IR 140. The exact location of these lines and the wastewater collection system were mapped as well as abandoned-in-place water lines from an old trailer park that sat on part of the campus.

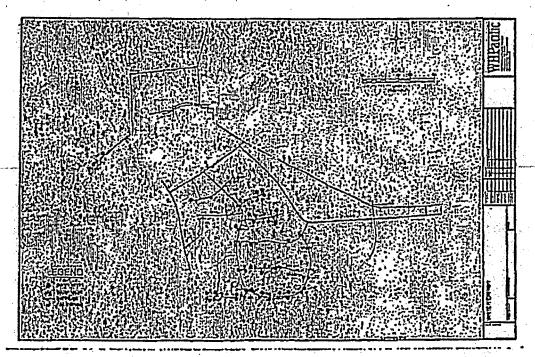


Figure 3. Existing Water System Layout

A general schematic layout and general service maps of the existing water system are included in Figure 3. The existing lines were surveyed and located to aid in construction but the records of the construction of the lines are not available. Additionally, the consultant used Ground Penetrating Radar (GPR) to locate lines. Due to materials, some lines are approximate as no trace wire or other commonly used locating tags were identifiable.

Raw water from the School's two wells is pumped into the 250,000-gallon School tank. Water needed for local demand is treated by the RNSB treatment facility and treated water is piped to the campus and the shopping center users. Excess raw water is pumped to the Hilltop 0.5 million-gallon tank about 2 miles northwest of the campus where it is mixed with raw water from Jacob's Well. Jacob's Well is 2.5 miles north of the campus and was completed in 2009. Jacob's Well has only a small storage tank at the site, so water is pumped to the Hilltop Tank 2.4 miles to the west and returns to Jacob's Well for treatment at Jacob's Well. The Jacob's Well treatment facility treats water for the off-campus Pinehili Community and the water fill station at Jacob's Well. Jacob's Well, the Hilltop Tank and the School tank roughly form an equilateral triangle. The Hilltop tank is at elevation 7606 feet, the highest elevation for several miles in any direction, about 100 feet higher than the School tank. The School system and the Jacob's Well system

are owned and operated independently but regionally connected for mutual support. While this 'regionalization' of the two entities benefits both in times of well failure or infrastructure upgrades, meter readings and monthly reports to establish a water accounting between the two entities are recommended to improve operations.

#### Water Storage

The School system includes one deteriorated 250,000-gallon galvanized steel raw water storage tank. A 500,000-gallon tank is connected to the system and may be able to supply water during rehabilitation of the 250,000-gallon tank.

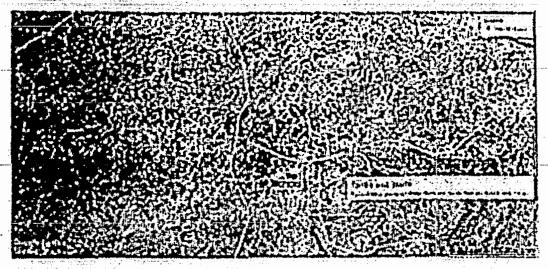


Figure 4. Tanks and Wells

The USDA Rural Development design standard recommends 2 days of emergency storage as follows:

- 100 gallons per person
- 1007 persons
- 201,400 gallons emergency storage.

As noted above, the system has only one storage facility on campus, the 250,000-gallon storage tank which barely has the minimum requirements for emergency storage. The existing School system is limited in both capacity and system pressure. The ground level raw water 250,000-gallon tank is the only storage and it is before the water treatment. The booster pump and existing 6 and 4-inch water lines provide limited flow throughout the system. An additional 60,000-gallon elevated or pressurized pneumatic tank for treated water would allow for more operational flexibility and emergency response capacity.

#### Fire Hydrants

Fire hydrants are located throughout the campus and residential areas, but these will also need to be replaced. The Volunteer Fire Department at the School is not in operation. Fire response and prevention support is currently dependent on the Candy Kitchen Volunteer Fire Station, or the El Morro Volunteer Station located about 20 miles north and east of Pine Hill. The School facilities staff expressed a willingness



during their hiring interviews to be part of the response to fires but have not received fire-lighting training. Additional equipment such as a truck to respond to brushfires would increase the department's capabilities. If the Volunteer Fire Department could be affiliated with the county, volunteers may be eligible through the Public Employees Retirement Association for a pension of \$125 per month after ten years of active service with the department at retirement at age of 55 or more. For 25 years of active service the pension is \$250 per month. Coordinating the School water system maintenance needs of flushing hydrants periodically according to the hydrant maintenance plan could be coordinated with fire-fighting practice and using the water productively for landscape needs.

d) Financial Status of Any Existing Facilities

The School's water system is not effectively metered, and a flat rate of \$14.00 per month is charged for residential service. Some commercial connections are metered and charged a minimal amount based on usage. Funding for operation and maintenance of the system comes from a variety of sources, each with its rules and limits for use of funds. Employees charge their time to different accounts depending on whether they are working on a water leak in the main line or doing building maintenance by replacing a leaking faucet. The Facilities Management Division has a staff of one administrative and four field staff of which about half of their time is devoted to water and wastewater duties. An Operating Budget for a similarly sized system might have annual revenues of approximately \$180,000. New service lines and meters to all residences are included in the proposed improvements outlined in the PER.

e) Water/ Energy/ Waste Audits

No water, energy, or waste audits have ever been conducted for the RNSB system.

# 4. Need for Project

a) Health, Sanitation, and Security

The COVID-19 virus has taken a disproportionate toll on the Navajo Nation and the Ramah chapter. Providing safe clean water needed to support the schools will take extraordinary efforts. The fifty-year old current system, built for less than half of the demand of the accumulated expansion of the campus and surrounding community, is inadequate for the current demand, much less for the additional health demands of the government mandated protocols for reopening the schools.

Adequate fire protection is not currently available for many of the buildings on the school campus. There is a Fire Suppression pump, but it only serves the Elementary School and the Dormitory. The Gymnasium is scheduled to be demolished and rebuilt with a fire suppression system included. The fire suppression capability of the water distribution system is also limited by pipe size and water pressure. Larry Barker with Albuquerque's KRQE Channel 13 News in 2014 described the Pine Hill School as the "most dangerous school in America". While his report focused on dysfunctional fire plarm systems which have since been fixed, this project will address many other safety issues raised.

b) Aging Infrastructure

The system has been in use continuously since 1975. The 6-inch and 4-inch galvanized steel pipes were not installed with cathodic protection or the protection was disrupted with line breaks and repairs. Some of the pipes were laid directly on the sandstone layer that is as close as four feet below ground level and pipe vibration through use has caused repeated repairs in some areas. The School has been



fortunate to receive grants for construction of facilities but obtaining funding for operation and maintenance has been more difficult. Line repairs have been costly. The water treatment building has deteriorated with use and does not have room for the expanded filtration required to achieve compliance with regulations. Dead end lines at the dormitory and the farm should be connected to form a loop.

#### c) .Reasonable Growth

While the current population growth rate is projected to be minimal, the history of the schools and community show a far-sighted trend of expansion to try to solve all the problems of the community from education to mental health. Response to the Covid-19 pandemic might result in improved medical facilities, expanded greenhouse production of local food, a revived vocational curriculum or other infrastructure improvements. Water system capacity to handle at least a 0.5% percent annual growth rate in infrastructure should be included in planning for the twenty-year period.

#### 5. Alternatives Considered

#### a) Alternative 1

#### 1. Description

The major distribution system components of Alternative 1 are shown on Figure 2 and include:

Abandon existing waterlines in-place and replace with new larger capacity lines. Ensure that the new lines are laid out in loops to avoid dead end lines including connecting the dormitory to the farm to eliminate two dead end lines. Repair or replace the sprinkler system in the football field. Provide for fire suppression flow to all buildings. Install meters for each building and line. Install isolation valves, pressure relief valves and air release valves as needed to operate the system.

Conduct a thorough overhaul of Well #2 and address issues with well #1. Replace the water treatment building with a structure large enough to accommodate more equipment for controlling arsenic and radionuclides. Upgrade the water treatment process to remove arsenic, phthalates and radionuclides. Service lines and water meters will be coordinated with the upcoming gym replacement to ensure smooth connection.

The survey of the existing system was used to estimate the replacement system. Approximately 17,020-feet of 8-inch and 1475-feet of 4-inch and 5,000 feet of 2-inch water lines will be constructed to connect the system. Also needed are 48 water valves, 24 hydrants, and 128 water meters. Water system modeling during the design phase may refine these numbers.

Evaluate the structural integrity, internal coating and cathodic protection system of the 250,000-gallon School tank.

#### 2. Design Criteria

Based on freezing temperatures it is suggested that main water lines should be installed with at least 5 feet of cover.

Water treatment and distribution will have to meet the requirements of the federal Safe Drinking Water Act (SDWA) under which the EPA delegated enforcement to the Navajo Nation.



The USDA Rural Development design standard of 100 gpd per person were reviewed for this project. The water permit indicates the system serves 1007 people. Reasonable growth of 0.5% per year would add 113 more people which would result in 1120 people and 112,000 gallons per day x 2 days = 224,000 gallons. Emergency storage is required for a minimum of two days, or a minimum of 224,000 gallons.

#### Map

A map of new water lines, water treatment building and tank is shown in Figure 5.

#### 4. Environmental impacts

Flood Insurance Rate Maps gathered from FEMA shows the area has not been surveyed for flood risk, but Pine Hill campus is located on a hill so flooding should not be an issue. All waterlines, building and tanks will be installed in previously disturbed areas, and no environmental issues anticipated.

#### 5. Land Requirements

All land involved in the project is owned by the School, so no easements or rights-of way are needed.

#### 6. Permits Required

All waterline construction will be located on the School's land, so no permits are needed except where lines will cross indian Service routes or roadways, chiefly Route 140 and 125. The proposed new water treatment building will be located near the existing 250,000-gallon tank. Navajo Nation EPA will need to approve final design of the treatment process.

#### 7. Potential Construction Problems

The project site is subject to freezing weather so installation of the waterlines before winter is needed. Construction of the concrete foundation slab for the building will need to take place within the months of March through October to provide adequate curing temperatures and acceptable weather conditions. Previous construction projects were not carried through to completion so houses did not receive a certificate of occupancy and the Elementary school could not be used until completed by a second contractor two years later.

#### 8. Sustainability Considerations

The new water line will be PVC pipe which poses no environmental hazards and has a long service life with little maintenance issues when installed properly. Financial sustainability might be improved by tracking the actual costs of the water and wastewater operations and maintenance to improve budgeting and accrue an O&M fund to handle inevitable line breaks, well problems and emergencies without having to tap into other funds.

#### 9. Estimate

The estimate below represents the engineer's opinion of probable cost for design and construction of the project. Annual operation and maintenance costs, over the life of the improvement, need to be considered when estimating a lifetime cost. Operation and maintenance costs over a 20-year period are shown in Section 6 in the Life Cycle Costing Section for the alternatives. Budgeting information is shown in the Appendix and may be used to estimate operation and maintenance costs.



#### ramah navajo school board preliminary engineering report Water System improvements

enginee Dizzizozo	R'S OPINION OF PROBABLE COST		Alternati	ve 1 Cost	Estimate
HEM NO.	STEM DESCRIPTION	UHIT	YITTKAUD	UNIT	COST
	Construction Staking, someth			1.50	830.401
2	Construction Mediazation and Democilization, const.	*		10.00	\$420,91
_ 3	Flood Pretection, compl.	-		0.37	\$0
4	Trade Central .	ŁŠ	1	3 10,000.83	\$ 10 000
5	Ste Clearing and Gracking, compt	AC	1.00	31,725	\$1.77
	T Waterine Pipe but, bends, Stores, economic falux, warch & compacted back to 8' copts, etc.	U	\$,500	<b>3</b> 15	\$75.000
7	C'Weterline Pipe but, bends, Stilings, sestained joins, ranch & compacted back to be dispite also	U	1,475	\$35	351,022
1	T Waterine Pipe Incl. bends, Billings, Essimined joints, tench & composited back it to 6' dopin, etg.				7
	S' Waterine Pipe Incl. bands, Stargy, tesimbed joints, rench & compocied back if in 6' depth, Ela	י ע	17,530	\$40	\$700.000
12	Pressure of valence correction, all sites, but stirys, compt.	EA	10	\$1,200	\$12,000
11	flor-presswited currection, existing relating, at sizes, incl. fittings, campl			\$3,000	\$15,000
12	lee or V.ys. 4' to 8' weterine, tret parting material, ED.	EA	4	\$70C	37,83
13	I'Claim Valle & Valle Son, Dr.	EA	0	\$1,000	30
16	CONE Vale & Vale Bar, Dr.	EA	4	\$1,153	\$1,630
15	E' Gata Valla & Valla Box, cla.	EA			
16	T Gala Valor & Valor Bar, sip.	EA	43	\$2,340	\$124,02
17	Carlo Value, 4" to 10", Remove & Salvage, corect.	2Å	٥		10
18	Value Boc, Rampro & Dispose, compl.	EA	22	8200	\$4,000
19	fire by drant, 4' bury, M.L. brct, blocking & apprepais, alp.	EA	31	\$4,700	\$145,70X
20	Fire Hydrant, Estating, Remove & Estage, compt.	EA	20	2500	\$ \$17,000
21	3'4' Bankos Line Replacement & Transfer, Inct. tapping — sande & tuting, sto.	E			tr.
22	Y4° Sanica Line Transfer at materine, Incl. Expling sacrife I tubing, elg.	EL	. 0	. s:	\$0
23	3'4" Water Livin Tag Service South & Corp Stop	EA	0	\$0	3.0
24 .	T' Water Main Tat. Service Succie & Corp Suco	EA	122	\$450	254,9X
25	T Water Main Ten, Service Bacate & Cory Step	EA.		\$360	.\$3,360
26	Res Vential 3/4" Water Motor & Can Combination of Resig Resignification and Egypt & Bell stg.	EY	122	3963	\$119,020
27	3'4" Water Eleter Bas, 3'4" to 1", Incl. screene ped, cover & let, etc.	EX	0	20	¥
24	Remove & Replace T Metarinata Torra ALIR	EA			
27	Barta Cressing IX Casha (Carrel Pier Not Included)	U	\$00	3100	\$83,000
30	T Combination Air Release and Vacuum Vake, cip.	ξÅ	10	\$1,300	\$53,000
31	PRYVAR	EA	2	12.500	35.0X
22	Acce excession	27	\$603	3107	333,53
ະນ	3/4 or 1" PE service are installation (10 8 per meter)	U	1,220	123	\$42,700
34	Trust blocking	C	100	\$274	453,033
35 .	Oversians Alast a.S.	1.5	1	\$500,000	\$500,000
35	Water Treatment Facility building and beam and equipment	រេទ	1	\$100,000	\$100,000
37	Evaluate Structural brooking of the 350,000-public start. (Ahamatha 1)	EL	1	\$103,000	3102,000
28	Repair 250,000-gallon lank (Allamatra 2)	EA	0	\$0	\$
33	150,000 Gatas Shell Welded Waler Starsje Tark, reckting kundrios, piping, testing and Kelblecton, Uktonsilm 31	EL	•	20	\$4
	Anstal Javament, Existing Remove and Replace, Incl. 2- inch area as that dictness, with machine legalous. B processing existing exobese material, any Dickness, elp.	87	20	\$43	8758

#### \$2,630,787,00

| Construction Sectional | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,031,031 | \$3,0



#### b) Alternative 2

1. Description

The major distribution system components of Alternative 2 are identical to alternative 1 with the addition of repairing the 250,000-gallon tank as shown in Figure 6. Repair may include draining the tank, sandblasting the interior, coating the interior with an epoxy lining, and repairing or replacing the cathodic protection system.

2. Design Criteria

The design criteria are identical to Alternative 1.

S. Map

Figure 6 gives an overview of water lines and tank.

. 4. Environmental impacts

The environmental impacts are identical to Alternative 1.

5. Land Requirements

The land requirements are identical to Alternative 1.

6. Permits Required

The permit requirements are identical to Alternative 1.

7. Potential Construction Problems

The potential construction problems are identical to Alternative 1.

8. Sustainability Considerations

The sustainability considerations are identical to Alternative 1.

9. Cost Estimate

The estimate shown on the following page represents the engineer's opinion of probable cost for design and construction of the project. Annual operation and maintenance costs, over the life of the improvement, need to be considered when estimating a lifetime cost. Operation and maintenance costs over a 20-year period are shown in Section 6 in the Life Cycle Costing Section for the alternatives. Budgeting information is shown in the Appendix and may be used to estimate operation and maintenance costs.



#### ramah navajo school board preliminary engineering report water system improvements

D/22/2020	incer's opinion of prodable cost			Alternative 2 Cost Eximate					
men no.	TEM DESCRIPTION	unrr	DUANTITY	COET	COST				
1	Construction Stating, compl.	×		1.60	138.44				
2	Construction Mobilistion and Demobilistics, conct.	*		wa	\$120,81				
3	Flood Protection, compt.	×	1	0.00					
4	Trade Cortrel	ഥ	1 1	\$10,000.00	\$10.00				
4	Side Chearing and Grabbing, exercit	AC.	1,00	\$1,720	1177				
. 6	2' Vistatine Pipe Incl. Bends, Bisnos, restrained joints, twench & compacted back 23 to B' depth, cb.	U	\$.000	\$15	\$75.00				
. ·	4" Waterling Pipe IrcL bends, Elengs, testraned joints, wench & compacted back 12 to 8" poots, E'p.	<b>U</b>	1,475	sin	\$51.63				
3	d' LYsterline Pipe Incl. bends, Strings, restroined joints, vench' & compacted tacts I to B' depth, c'y.	U	. 0	\$0					
6	6" bYsterine Pipe incl. bands, Billings, testsined joints, ranch & compocted back!? In & decits, eig.	u	- 17,500 -	\$	· · · \$100700				
13	Presented voletre corrector, all sizes, but, filings, cord,	EA	to	\$1,200	112.00				
ţi_	Hampersuried correction, coloring watches, all thes, lact titings, earnot	EL		£1,000	\$18 0				
12 -	les or Wys, 4" to 8" wwestre, frei joining micanel, cip.	EA.	4	\$700	52.60				
13	T GMa Vaha & Vaha Bor, eta.	EA	0	\$1,000					
14	C Cure Value & Value Box, Cit.	EA	1	\$1,153	\$4.66				
13	T CHE VANO & VALA SCH, CIT.	EA	-	\$37					
14	F CAME VIENE & Value Con, cip.	EA	43	*\$230	\$174.00				
17	GMc Vahe; 4" to 10", Remon & Salways, compl.	Ēλ	0	33					
15	Varia Dist, Ramova & Cispose, compl.	EA	13	\$200					
11	Fire Hydrare, 4 pusy, MJ, Incl. bioching & apprepria, etc.	EL	31	\$4,700	\$145.70				
20	Fire Hydrart, Existing, Remove & Sahage, sempl.	EA	23	1:00	310.00				
21	34' Barice Line Replacement & Traviller, hell topping salde & botong etc.	EL	0	30					
21	3'C Senice Line Transiar at extension, incl. tapping seddle is abirty, etc.	į, į	0	10	i ia				
23	IT WHEI MAN TED, SENCE SECTE & COP SICO	EA	D	30	7 7 20				
24	1° Weter Main Tap, Service Sadde & Corp Stop	EA	122	\$150	124.6				
- 23	Z' Water Main Tap, Savice Seddle & Corp Stop	EA	1	3500	113				
*	Residential SA Water Meter & Can Combination of Rado Read, Incl. executio pail, cover & full city.	Z,	122	3193	\$112.5				
27	3'4" (Viter Malar Bar, 3'4" to 1", incl. concrete pad, cover 6 fel. elc.	ZI	6	30					
21	Farrow & Replace Y States Install of ALIR	EA		50					
	Bared Cressing 12" Gasing (Center Pipe Not Inchwed)	U	500	\$100	. 100.0				
30	Z Combination for Relation and Vacuum Value, clos.	EA	200 10 0	35,500	\$330				
21	PRVVKO	EA	2	\$2,500	35,0				
22	Acct extractor		\$00	\$107	157.5				
33	34 or T PE sonice See installation (10 8 per meter)	U	1,230	135	1427				
31	Torust Hacking	- 67	100	3222	\$33.6				
- 35	Outed Well 92	LS	1 1 7	- \$500,000	\$300,0				
35	Mater Treatment Factory building and framment aculpment	LS	1	\$400,000	\$400.0				
37	Evaluate stace and impany of the 250,000-pallon term. (And the type of the 250,000-pallon term.	EL	1	\$100,000	17000				
31	Heasir 250,000-gaton lare (Alternative 2)	- EL	1	\$300,000	1300.0				
	150,000 Gallon Elect Weided Y/star Siprege Tank		<del> </del>						
39	including bundation, piping, sesting and distribution. (Alternative 23	EA	•	Zo	:				
45	Arend powerent, Estating Remove and Replace, by L 3- fruit taxes as shell til Liness, with machine by John, E processing existing subbase marend, any trickness, tax	SY	80	3/21	83.2				

#### \$2,924,707,00

\$7,385,081	Construction Suttolal
\$230,622	(#ZC18.25TRDLG4
\$977,016	Construction Contracty (20%)
\$8,000	Geetschrick Series
\$370,800	Project Survey (87s)
\$507,782	Engineering Design (15%)
\$338,538	Combuction Sanicavins pretention)
21,417,400	Tetal



- c) Alternative 3
- 1. Description

The major distribution system components of Alternative 3 is identical to alternative 1 with the addition of replacing the 250,000-gallon tank as shown in Figure 6.

2. Design Criteria

The design criteria are identical to Alternative 1.

Map

Figure 6 gives an overview of water lines and tank.

4. Environmental impacts

The environmental impacts are identical to Alternative 1.

5. Land Requirements

The land requirements are identical to Alternative 1.

6. Permits Required

The permit requirements are identical to Alternative 1.

-7. Potential Construction Problems

The potential construction problems are identical to Alternative 1.

8. Sustainability Considerations

The sustainability considerations are identical to Alternative 1.

9. Cost Estimate

The estimate shown on the following page represents the engineer's opinion of probable cost for design and construction of the project. Annual operation and maintenance costs, over the life of the improvement, need to be considered when estimating a lifetime cost. Operation and maintenance costs over a 20-year period are shown in Section 6 in the Life Cycle Costing Section for the alternatives. Budgeting information is shown in the Appendix and may be used to estimate operation and maintenance costs.

ramah navajo school doard preliminary endineering report Water Eystem improvements

/22/2020			## ## ##		
ITEAI KO.	ITEM BESCRIPTION	UHIT	EUANTITÉ	UNIT COST	COST
1	Construction Blacking, Corept	*		1.50	239,441
2	Canadricted Modification and Clemanias Mich, Ecrist.	¥4		84.00	3430,81
3	Flood Protection, Earnyl,	*		000	
4	Tiste Coruci	LS		20,000,00 E	110,00
	Site Clearing and Ghabbing, compt.	46	eres (	\$1,720	1170
. •	T'Ysterine Pipe Incl. bends, Stings, restricted juris, reach & compacied backlites & dapts, etc.	U	E,600	\$15	875,000
7	« Walning Pipe Intl. bends, flings, praystred juints, twends & compacted backlift in Mideoit, etc.	ur	1475	535	\$51,12
	S' Waterine Pipe bul, bends, sungs, securred joins, ternis & compacted backlis to 6'depts, etc.	V	0	10	
1	S' Viziatine Pipe Ircl. Lenos, Slings, resinines joines, Usech & Bampailes backlij by B'dotth, eig.	U7	17,506	\$40	\$700,00
15	Protection watering connector, all sizes, feel sizings, compl.	EL	50	\$1,200	\$12,60
11	Mary pressureed convection, existing weisting, all sizes, lock fittings, compil	EA	6	\$1,500	\$12,000
12	tee or trye, 4" to 6" wetwere, incl justing material, 6'p.	EA	1	\$75C)	\$230
	T GM O VAMA & VAMA DOL, ELS.	· ·		11,000	
H	f Date Value & Value Ecot, pio.	EA		31,116	\$4.60
-13-	T Date Value & Value Box, Cie.	EA		50	
15	F Outs Value & Value Box, EIA.	EA	. 61	\$7,340	\$124,02
17	Care Value, 4" to 10", Remove & Sidone, concl.	EÀ	0	30	V.1.2.,0.1
.14	Value Baz, Remove & Dispose, compl.	- EU	30	\$200	<del></del>
.119	Fire Hydrard, of truy, MJ, Incl. blocking & agreement city.	EL	31	\$4,700	\$141,70
20		EA .	20		\$10,00
30	Fire Hydrand, Ealetting, Ramove & Earloys, Essel.	EA	20	8×0	11/00
21	34 Series the Redicement & Transky, Incl. larging	EX	-0-	15	
22	34" Sanka Line Transler all extendra, incl. topoing E3012a I Bibling elp.	EL	2	11	3
23	YE WAS ILIN TOR SINCE SMITE & CON SIDE	EA	0	<b>3</b> 0	\$
24	T Vister Main Jan. Series Sedde & Com Step	EA	123	\$450	\$54,10
25	IT Vision Annin Tora Service Seade & Com Step	EA	. 6	\$50C	31,36
26	Residential 24" Water Lister & Can Combination of Radio Resid treat emersts paid cover a let etc.	EL	122	\$760	2718,93
27	Yer Water Meter Bon, 3/4" to Y', Incl. concrete part, Cover 6 for, etc.	EL.	•	\$0	
23	Parrow & Represe 1" Maior Install M AMA	£A.		10	<del></del>
21	Fored Crossing 12" Ceiling (Center Pipe Not Incharso)	Jan U	500	\$160	SIZO
33	I' Combination All Release and Vactors Vahe, clg.	EA	15	\$1,300	3510
31	PRVVets		3	\$7.500	110
32	Ascrettantes	CY	100	\$107	1514
1)			1220	£35	\$42.70
-34	THE F PE ENGLES AS INCLUDING 10 S per evelon)	2	100	1536	45160
<del></del>	Outed Wat 62	A CHARLES THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE		\$500,000	\$500.00
	CONTROL MAT 93	1.5	1 1		***************************************
34	Vision Treatment Facility building and treatment equipment	1.5	1	\$400,000	HOOGO
\$7	E-thete Structural integrity of the 250,000-paign Lank (Alternative 1)	Z.	1	\$102.000	\$100,00
34	Repair ISO,000-pation tent (Attempt on 2)	EA	0	\$0	
30	251,000 Gabta Sirel Wetled Water Storage Jant, scholing buselies, piping, lasting and establish, (Alemanna 3)	EA	1	\$\$10,600	\$#10,00
40	Arield premers, Existing Remove and Retitics, Incl. 2- rich entre sephin Michaele, with machine layours, it	57	ಚಿ	245	\$1,25

#### STEMBER

Construction Selected \$2,955,025 PLACET (C.B.1221) \$172,160 Construction Constructy (274) \$782.811



### d) Alternative 4

#### 1. Description

.Alternative No. 4 - No Change

If no change is made to the current facility, the Board will continue to experience deteriorated water lines and hydrants, one dysfunctional well, low pressure water service, inadequate fire protection and insufficient water treatment.

All infrastructure installed in 1975 has exceeded its design life. They will remain in use, continuing to age. It is critical to note all infrastructure requires maintenance and becomes a cost burden for the community. Maintenance costs would most likely increase.

Water meters would not be installed, and the current flat rate billing would remain in effect. Water quality standards would not be met for phthalates, arsenic and radionuclides.

#### 2. Design Criteria

Design criteria are not applicable to this alternative; however, the existing system does not meet the needs of the community or the recommended standards set by USDA Rural Development, the Navajo Nation and EPA.

#### 3. Map

A map of the existing system is shown in Figure 3.

#### 4. Environmental Impacts

Potential human illness and environmental impacts may occur if the existing system were unable to provide safe and adequate water service to the community in the future.

#### 5. Land Requirements

No land acquisition is required for this alternative.

#### 6. Potential Construction Problems

This alternative does not require any construction.

#### 7. Sustainability Considerations

Sustainability will not be considered in this alternative.

#### 8. Cost Estimate

No costs are associated with this alternative. Operation and maintenance costs are likely to increase due to ageing infrastructure.



### 6. Selection of an Alternative

a) Life Cycle Cost Analysis

The Life Cycle Cost Analysis used the projected present worth of the three alternatives, Alternative 1 System-wide Improvements, Alternative 2 System-wise Improvements plus repair of the 250,000-galion School tank, and Alternative 3 System-wide improvements plus replacement of 250,000-galion School tank. Alternative 4 is a no build option and is not included in the Life Cycle Cost Analysis. The Salvage Value for the alternatives was assumed to be \$0.

To determine the present value of a future cost, the following equation was used:

$$PV = \frac{F}{(1+d)^c}$$

Where:

PV=Present Value

F = Amount of one-time cost at time t

d = Real Discount Rate

t = Time (expressed in number of years)

To determine the present value of a recurring cost such as the O&M costs, the following equation was used:

$$PV = \frac{A_0[(1+d)^t - 1)}{d(1+d)^t}$$

Where:

PV = Present Value

A = Amount of one-time cost at time t

d = Real Discount Rate

t = Time (expressed in number of years)

Notes:

- 1. Project Cost includes construction items.
- 2. Real Discount Rate = 0.5%
- 3. Planning Period assumed to be 20 years.
- 4. Project Costs are assumed to realize In year 1.
- 5. O&M costs are assumed to realize in year 1.
- 6. Salvage Value assumed to be \$0.

Table 7. Detailed Life Cycle Cost Analysis

Planning period (yr)	20	1				•
discount rate (%)	1.5	(20 year plani	olog period)	i	•	1
discount rate (%)	1.3		lanning period	<u> </u>	ī	<u> </u>
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ative 1		ative 2	Alten	ative 3
Year	Project Cost		Project Cost	- O&M Cost	Project Cost	O&M Cost
11.53	\$ 4,948,000	\$ 180,000	5 5,417,800	5 160,000	\$ 6,384,600	\$ 140,000
2	5 -	\$ 180,000	\$ .	\$ 150,000	\$ -	\$ 140,000
3	\$	\$ 180,000	\$ -	\$ 160,000	\$ •	\$ 140,000
4	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
5	\$ -	\$ 160,000	\$ -	\$ 160,000	\$ -	\$ 140,000
6	\$ -	\$ 180,000	\$ -	\$ 160,000	5 •	\$ 140,000
7	\$ -	\$ 160,000	\$ -	\$ 160,000	\$ -	\$ 140,000
8	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
99	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
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11	\$ •	\$ 180,000	\$ -	\$ 160,000	\$ •	\$ 140,000
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13	s -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
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15	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
16	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
17	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ •	\$ 140,000
18	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ •	\$ 140,000
19	\$ -	\$ 180,000	\$ -	\$ 160,000	\$ -	\$ 140,000
20	\$ -	\$ 180,000	\$ -	\$ 160,000	\$	\$ 140,000
Present Worth	\$ 4,948,000	\$ 3,090,355	\$ 5,417,800	\$ 2,746,982	\$ 6,384,600	\$ 2,403,609
Net Present Worth	\$	8,038,355	\$	8,164,782	\$	8,788,209
Salvage Value				2.		149.015.7
Present Worth	\$	•	\$	<b>.</b>	\$	
Net Present Value	\$	8,038,355	S	8,164,782	·\$	8,788,209

# 7. Proposed Project (Recommended Alternative)

## a) Preliminary Project Design

Alternative 1 is the recommended alternative. The evaluation of the tank integrity would determine if Alternative 2 or 3 would be needed.

Alternate 1 is shown in Figure 3 and proposes the following improvements:

Abandon existing waterlines in-place and replace with new larger capacity lines. Ensure that the new lines are laid out in loops to avoid dead end lines. Repair or replace the sprinkler system in the football field. Provide for fire flow to all buildings, install meters for each building and line.

Conduct a thorough overhaul of Well #2 and address issues with well #1. Replace the water treatment building with a structure large enough to accommodate more equipment for controlling arsenic and Ramah Navajo School Board, Inc., Water System Improvements Preliminary Engineering Report



radionuclides. Upgrade the water treatment process to remove arsenic, phthalates and radionuclides. Service lines and water meters will be coordinated with the upcoming gym replacement to ensure smooth connection.

The survey of the existing system was used to estimate the replacement system. Approximately 17,020-feet of 8-inch and 1475-feet of 4-inch and 5,000 feet of 2-inch water lines will be constructed to connect the system. Also needed are 48 water valves, 24 hydrants, and 128 water meters. Water system modeling during the design phase may refine these numbers.

Evaluate the structural integrity, the internal coating and the cathodic protection system of the 250,000-gallon School tank.

#### 1. Design Criteria

Based on freezing temperatures it is suggested that main water lines should be installed with at least 5 feet of cover.

Water treatment and distribution will have to meet the requirements of the federal Safe Drinking Water Act (SDWA) under which the EPA delegated enforcement to the Navajo Nation.

The USDA Rural Development design standard of 100 gpd per person were reviewed for this project. The water permit indicates the system serves 1007 people. Reasonable annual growth of 0.5% would add 113 more people which would result in 1120 people and 112,000 gallons per day x 2 days = 224,000 gallons needed for fire protection. Emergency storage is required for a minimum of two days, or a minimum of 224,000 gallons.

#### b) Design Criteria

Nominal system design criteria used to plan and implement the proposed water system for the School are presented in Table 8 below.

Table 8: Design Criteria for the Recommended Alternative 1

TODIC OF DESIGN GIRCIES FOR THE NECOTINICIDES FILE	
Water System Design Criteria Item	Recommended Value
Average day per capita demand	100 GPCD
Peak day per capita demand	220 GPCD
Fire storage volume	Maintain 120 minutes at a fire flow rate of 1,000 GPM
Distribute system static pressures .	Maintain static pressure in system between 45 and 90 psi to all customers served
Distribution pressures, combined Peak Day plus Fire Demand conditions	Maintain at least 20 psi residual at locations of Fire Demand and at all points in system

USDA Rural Development recommended design criteria includes a value of 100 GPCD water consumption for rural water systems. RD recommended storage for rural systems is based on a two (2) days emergency storage of 700 gallons per Equivalent Dwelling Unit (EDU), and distribution system static pressures between 20 and 90 pounds per square inch (psi) to all customers served. The water usage at the school is difficult to estimate based on EDU's, so 100 gallons per capita per day was used.



EPANET, a water distribution system modeling software package developed by the United States Environmental Protection Agency (USEPA) Water Supply and Water Resources Division, will be used to model the Board's water system. An assumption was made that the Board's service area adapted to a general pattern of water consumption, in which there is a peak of consumption in the morning, where approximately 60% of the water is consumed in 3 hours and a second peak in the afternoon, with 25% in two hours. The remaining 15% is used the remaining hours. Water usage data, shown in the appendix were used to develop the demand using the pattern just described. Project Schedule

Covid-19 funds are available in August 2020. Construction is estimated to commence in October 2020.

#### c) Permit Requirements

All waterline construction will be located within private and tribal rights-of-way. Coordination with the Navajo Nation tribal authorities should commence as soon as possible.

### d) Sustainability Considerations

The new water line will be PVC pipe which poses no environmental hazards and has a long service life with little maintenance issues when installed properly. Financial sustainability might be improved by tracking the actual costs of the water and wastewater operations and maintenance to improve budgeting and accrue an O&M fund to handle inevitable line breaks, well problems and emergencies without having to tap into other funds.

e) Short Lived Assets for Recommended Alternative

	TO INCCOMMENDED ANCOMBUTE	
ITEM	REPLACEMENT COST	ANNUAL RESERVE AMOUNT
1 Pressure Reducing Valve	\$2,500/20 years	\$ 125.00
30 Z-Inch Gate Valve	\$750/20 years x 30	\$ 112.50
124-Inch Gate Valve	\$1,150/20 years x 12	\$ 690,00
6 8-Inch Gate Valves	\$1,460 EA/20 years x 6	\$ 438.00
24 Fire Hydrants	\$4,700 EA/20 years x 24	\$5,640.00
4 Master Meters	\$1,570 EA/20 years x 4	\$ 314.00
128 Water Meters	\$840 EA/20 years x 128	\$5,376.00

# 

2401422 84222020	R'S OPINION OF PROBABLE COST		Alternati	ve 1 Cost	Estimate
ITEM NO.	etem description	UHIT	GAYALLA	. UNIT	E037
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11	Hanger studend converted, gristing multiple, all sizes, well it are, cample	14	•	17,200	\$12,000
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	I' Date Value & Value Bat, Elk.	EL.	6	31,000	\$0
	4" Date Value & Value Esc. CO.	EL	4	\$1,950	24,500
	O' Outs Valor & Valor Lor, Cla.	W			
	I' Gale Vake & Vake Best tip.	EA	\$3	12,345	2120,020
	Gate Vake, 4"59 fe", Players & Sabaga, Earest	£A	0		30
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	FER PHOTON, 4' BOY, M.L. FILL MICHING & 12742118, ECL.	ĒĀ	31	34,750	\$145,700
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2	2" Combination Air Robbit a and Vacuum Vaha, 413,	L	10	· 15,300	151,000
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hvortretin)	\$212,810
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Engineering Description	\$143,582
Carpacites Senices/bepectan(18%)	2309,108
Tatal	24.418.400



g) Annual Operating Budget

Water and wastewater operations and maintenance are funded from a complex of funding sources and are not itemized out separately. The following method is proposed to allow for more specific budget. If the 5chool had water use like a small town, assuming 4 people per home x 100 galions per day per person x 30 days per month = 12,000 galions per month per home. 12,000 galions per month x \$5.00 per 1000 galions = \$60.00 per month bill per home. \$60 x 250 homes = \$15,000 per month x 12 months = \$180,000 per year: That amount would need to cover the costs of the water treatment chemicals, electricity for pumping, staff salaries, resin disposal, line breaks, pump and equipment replacement every 20 years; etc. Current funding methods may be preferred, but this method shows that providing drinking water is a substantial part of the school's budget.

### 8. Conclusion and Recommendations

The recommended alternative will complete substantial water system improvements for the School's system. This option will provide safe drinking water and reduced maintenance costs to the School's community. Life cycle cost analysis indicates the differences in cost between the alternatives.

Using 2020 CARES Act funding to replace the water system and components would generally be an allowable expense under the Act as it directly applies to public health and the mitigation of the spread of COVID-19 and other viruses. This Report should provide a major part of the documentation that the Ramah Navajo School Board would need to submit for COVID-19 funding of a request for \$5.0 to 6.4 million from the 2020 CARES Act for the water system improvements.



# References

New Mexico Environment Department Drinking Water Programs and Regulatory Information, <a href="https://www.env.nm.gov/water/">https://www.env.nm.gov/water/</a>, accessed September 2020.

United States Department of Agriculture Rural Development, New Mexico, regulations and guidelines,

Navajo Water Public Water System Compliance reports, August 2020

New Mexico Interstate Stream Commission Regional Water Plan, accessed August 2020

Ramah Navajo Chapter profile on enavajo.org, accessed August 2020



# Project Summary: Two Grey Hills Veterans Memorial Park

The plan and design of the Two Grey Hills Veterans Memorial Park was completed by Indigenous Design Studio + Architecture, LLC during May of 2022. The chapter was issued 100 % CD (Construction Documents) and the facility is now ready for construction as long as funding is secured.

The project's base budget is \$ 2,143,167.22 (see attached). Per the chapter's request the project budget was phased into 5 phases.

- Phase 1: \$ 230,375.21 (Flag poles area)
- Phase 2: \$ 235,728.50 (Amphitheater area)
- Phase 3: \$ 382,824.55 (Hogan & adjacent areas)
- Phase 4: \$598,817.88 (Interior circular space)
- Phase 5: \$ 763,009.49 (Parking lots, drainage improvements)

During the 2021 New Mexico Legislative Session the chapter was awarded \$ 75,000.00 for the construction project. However, the project has as shortfall in the amount of \$ 2,070,000.00.

Date: October 18, 2022

T	WO Gre	ey Hills Veterans Memorial						·	
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1	//15/20	21 (per 2021 RSMeans)						İ	
S	quare foo	tage is very roughly estimated at this time until a	desian	is better d	<b>6</b> V6	eloped.			
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		Site Survey/Mobilization	LS	1.00	5	25,000.00	- 1	\$	25,000
S	ite Demoil	Hon .	l		_			\$	65,340.
		Site - Clear and Grub - light trees to 6" dia.	SF	87120.00	-	0.75	1	\$	65,340
			31	87120.00	<u> </u>	0.75	<del>                                     </del>		
	ile improv		<u> </u>		_			\$	1,234,414.
		Earthwork	SF	87120.00		1.50	11	5	130,680
		Stormwater	LS	1.00		43,000.00		\$	43,000
		Parking Lot	LS	1,00		217,000.00		\$	217,000
		Concrete Amphitheater seating	SF	14413.00		10.00	1	5	144,130 39,000
		Shrub/flowers/mulch areas including intgation	CF SF	0.00 8792.00		10.00 15.00	1 1	\$	131,880
		Trees	EA	11.00		300.00		5	3,300
		Trees - upright Junipers	EA	3.00	_	150.00	<del>- ;</del>	5	450
		Furnishings - benches (10), trash receptacles (5), picnic tables (4)	LS	1.00		50,000.00	1	\$	50,000
		Pavers - decorative footprints	SF	5000.00	3	20.00	1.5	\$	150,000
		Walls -story walls	LF	4.00	\$	2,500.00	1	\$	10,000
		Two Grey Hills Veterans Memorial Wall	SF	625.00	\$	50.00	1	5	31,250
		Shade Structures	EA	4.00	5	2,456.87	1	5	9,827
		Hogan Structure	LS	1.00		43,397.00	1	5	43,397
		6 Ft High Gabion Walls	CY	2700.00	_	35.00	1	S	94,500
		Paving at Parking	LS	1.00		48,000.00	1	5	48,000
		Flagpoles & Foundation - 1 at 70' high (\$11,800+ \$3,100) or 1 or 10 at 40' high (\$4,250+\$2,175), or 10 at 20' high (\$2,500 + \$2,175) / average \$8000	EA	11.00	2	8,000.00	1	\$	88,000
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		Electrical Site Improvements	LS	1	T		1	15	100,000
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В	ase Bid Pr	oject Cost	·		Π			1\$	1,399,754
		CONTRACTOR'S GENERAL REQUIREMENTS & OVERHEAD (15%) Clean-up, debris removal, material			Π	1		\$	209,96
		Subtotal	<b></b>		1		1	\$	1,609,717
		CONTRACTORS PROFIT (10%)						\$ .	160,97
		Subtotal						\$	1,770,689
		BOND (2%)					1	5	35,413
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		10% Conlingency	T	T	T		T	\$	180,610
		Subtotal	1	1	T			S	1,986,71
		NMGRT (7.875% as of July 1, 2020)	1	1	Т		1	\$	156,453

OVERALL PROJECT BUDGET

	Two Grey Hills Veterans Memorial				E	xhi	bit 0
	7/15/2021 (per 2021 RSMeans)	·		,	,		
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	Square footage is very roughly estimated at this time until a	design	is better d	eveloped.		<u> </u>	
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	General Conditions					S	25,000.00
	Site Survey/Mobilization	LS	1.00	\$ 25,000.00	1	\$	25,000.00
	Site Improvements	1				Š	165,510.00
	Site Earthwork	<del>i</del>			1	\$	25,000.00
	Concrete	SF	4626.D0	5 10.00	1	s	48,260,00
	Two Grey Hills Veterans Memorial Wall	SF	625,00		1	5	31,250.00
	Flagpoles & Foundation - 1 at 70' high (\$11,800+ \$3,100) or 1 or 10 at 40' high (\$4,250+\$2,175), or 10 at 20' high (\$2,500 + \$2,175) / average \$8000	EA	11,00	\$ 8,000.00	1	\$	00.000,88
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	Base Bid Project Cost	†	<u> </u>		1	\$	165,510.00
:	CONTRACTOR'S GENERAL REQUIREMENTS & OVERHEAD (15%) Clean-up, debris removal, material				İ	\$ .	24,826.50
	Subtotal					5	190,336.50
	CONTRACTORS PROFIT (10%)				l	5	19,033,65
	Subtotal					5	209,370.15
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	ttems highlighted are not included in this project. These are place holders for	now	•••				· · · · · · · · · · · · · · · · · · ·

PHASE: FLAGPOLES AREA

Two Gr	ey Hills Veterans Memorial							
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General C	onditions						\$	25,
	Site Survey/Mobilization	LS	1.00	\$	25,000.00	1	\$	25
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	Earthwork	SF	87120.00	15	0.75	1	5	65
	Amphitheater seating	CF	0.00	5	10.00	1	5	39
	Shrub/flowers/mutch areas including Infigation	SF	3278.00	5	· 15.00	1	\$	49
	Trees - upright Junipers	EA	3.00	3	150.00	1	\$	
Base Bld P	roject Cost		<u> </u>	<del> -</del>		<u> </u>	\$	153,
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PHASE: AMPHITHEATER AREA

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	1	Concrete	SF	4290.00	15	10.00	1 1	5	42,900.
		Shrub/flowers/mulch areas including imigation	SF	4129.00	_	·15.00	1	5	61,935.
		Trees	EA	6.00	5	300.00	1	\$	1,800.
		Furnishings - benches (10), trash receptacles (5), picnic tables (4)	LS	1.00	5	60,000.00	1	\$	50,000
		Hogan Structure	LS	1.00	3	43,397,00	1	\$	43,397.
•	Site Utilities		<del> </del>		<u> </u>				F0.000
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		Subtotal						\$	287,536.
		CONTRACTORS PROFIT (10%)	<u> </u>	1				5	28,753.
		Subtotal	1					5	316,290.
		BOND (2%)	<u> </u>		<u>.                                    </u>		1	3	6,325.
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		10% Contingency						5	32,261.
		Sublolal		1				5	354,877
		NMGRT (7.875% as of July 1, 2020)						5	27,946.
	Bose Bio	Project Total Cost Including NMGRI	2 4 10 24	7.5.6.5	3.3	14.14	THE TANK	KS CY	382:824:5

PHASE: HOGAN & ADJACENT AREAS

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		Site Survey/Mobilization	LS	1.00	\$	25,000.00	. 1	5	25,000.
	Site Improv	ements .						\$	351,102.4
		Concrete	SF	1450,00	S	10.00	1	5	14,500.
		Shrub/flowers/mulch areas including irrigation	SF	1385.00	5	15.00	1	\$	20,775.
		Trees	EA	5.00	5	300.00	1	\$	1,500.
		Furnishings - benches (10), trash receptacles (5), picnic tables (4)	LS	1.00	\$	50,000.00	1	5	50,000
		Pavers - decorative footprints	SF	5000.00	5	20.00	1.5	S	150,000.
		Walls -story walls	LF	4,00	5	2,500.00	1	5	10,000.
		Shade Structures	EA	4,00		2,456.87	1	5	9,827.
		6 Ft High Gabion Walls	CY	2700.00	\$	35.00	1	5	94,500.
	Sile Ulilities	w 10 m a contract of the contr			-			\$	40,000.
<del></del>		Electrical Site Improvements	LS	i			11	\$	40,000
	Base Bld Pr	oject Cost	1					\$	391,102.
		CONTRACTOR'S GENERAL REQUIREMENTS & OVERHEAD (15%) Clean-up, debris removal, material						S ···	58,665
		Sublotal						5	449,767
		CONTRACTORS PROFIT (10%)	<b>!</b>		L-			3	44,976
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		10% Contingency			_			<u>S</u>	50,463
······································		Subtotal	1		_		<u> </u>	3	555,103
		NMGRT (7.875% as of July 1, 2020)  [PIO] BEATOICKOS ANGULING NMGRI   12			ا			15	43,714 98,817.8

PHASE: INTERIOR CIRCULAR SPACE

Two C	Grey Hills Veterans Memorial	1				1.	
	2021 (per 2021 RSMeans)				<del> </del>		· · · · · · · · · · · · · · · · · · ·
			<u> </u>			<del> </del>	
Square footage is very roughly estimated at this time until		il <b>a</b> design	Is better d				
lob la	Work Description		Number of Unity	Rale per	Severily,		Iolal 2
General	Conditions	j		1	1	S	25,000
	Site Survey/Mobilization	LS	1.00	\$ 25,000.00	1	\$	25,00
Site Den	nolition					1 \$	65,340
1	Site - Clear and Grub - light trees to 6° dia.	SF	87120.00	\$ 0.75	1	\$	65,34
Sile Impi	rovements					\$	423,000
11	Earthwork	SF	i	i	1 . 1	5	115,00
<b>-</b>	Stormwater	LS	1.00	\$ 43,000,00	-	5	43,00
11	Parking Lot	LS	1.00	\$ 217,000.00	1	S	217,00
	Paving at Parking	LS	1.00			\$	48,00
Site Utilit	les		<del> </del>	<u>                                       </u>		s	10,000
	Electrical Site Improvements	LS	<del> </del>	i	1	5	10,00
Base Bld	Project Cost		1	1		1 \$	498,340
	CONTRACTOR'S GENERAL REQUIREMENTS & OVERHEAD (15%) Clean-up, debris removal, material		İ			\$	74,75
	Subtotal -					5	573,09
	CONTRACTORS PROFIT (10%)					5	57,30
	Subtotal					5	630,40
	BOND (2%)			<u> </u>	<u> </u>	\$	12,60
Base B	ld súbiolál szer som a szer szer szer szer szer szer szer szer	restriction.	rings:	是自然全国	2 (0.10 )	談\$ 建基金	43,008
·_	10% Contingency					\$	64,30
	Subtotal					5	707,30
	NMGRT (7.875% as of July 1, 2020)			1	1	is 🗸	55.70

PHASE: PARKING LOTS, DRAINAGE IMPROVEMENTS

# THE NAVAJO NATION

JONATHAN NEZ | PRESIDENT MYRON LIZER | VICE PRESIDENT July 7, 2022

Honorable Delegate Slater Navajo Nation Council PO Box 3390 Window Rock, AZ 86515

Dear Delegate Slater:

The business sites listed below are located in your delegate region and are identified as Demolition and Clean Up projects requiring funding assistance. These projects are under the Division of Economic Development/Chinle Regional Business Development Office.

Site	Cost	Scope of Work
Former Round Rock Trading Post	\$500,000	Demolition, removal, and disposal of structures: buildings, foundations, debris, all wiring, plumbing, conduit, utility disconnection, signs, electricity poles. Remove potable water, fire remains, sewer common litems, water
Leo,Jim site	\$70,000	meters, removal of slicep dip. Demolition, removal, and disposal of structures: buildings & foundations
Former Upper Greasewood Store	\$200,000	Demolition, removal, and disposal of structures: buildings, foundations, debris, signs, electricity poles, water meter, Underground Storage Tank.
Former Kennedy Trading Post	\$200,000	Demolition, removal, and disposal of structures: buildings, foundations, debris, signs, electricity poles, water meter, Underground Storage Tank.

The Navajo Nation Division of Economic Development Office Chinle Regional Business Development Office PO Box 565, Chinle, AZ 86503 (928) 675-2240 (928) 674-2244 Fax

# THE NAVAJO NATION

JONATHAN NEZ | PRESIDENT MYRON LIZER | VICE PRESIDENT



The Chinle Regional Business Development Office has limited business sites available for leasing and these areas have potentials to be restored, reused, and redeveloped. Your assistance to seek additional funding for these projects is greatly appreciated.

Thanks you for your time and service. Should you need anything further, please feel free to contact our Office.

Sincerely.

Martina Yazzie Program Manager

ptal 10,000

Ce: File
JT Wille, Executive Director, Division of Economic Development
Elaine Young, Department Manager, Small Business Development Department
Fronklin Jishle, Industrial Development Specialist, Small Business Development Department
Ansiem Harvey, Senior Economic Development Specialist, Chinle RBDO

The Navajo Nation Division of Economic Development Office Chinle Regional Business Development Office PO Box 565, Chinle, AZ 86503 (928) 675-2240 (928) 674-2244 Fax

# Demolition/Site Cleanup Project FORMER ROUND ROCK TRADING POST Round Rock, Arizona

The project consists of demolition and site cleanup of the former Round Trading Post site located in Round Rock, AZ. The trading post burned several years and currently the burnt remains of the building, mainly sandstone, and debris remain on the site. Besides the debris, there is an old well and associated appurtenances such as a tower and water tank, that need to be removed.

#### SCOPE OF WORK

- 1. Completely demolish all remaining structures, including floors and foundations, and lawfully dispose of the building materials and contents.
- 2. Remove and dispose of all site improvements including fencing, asphalt roadways and driveways, concrete flatwork and foundations, underground concrete boxes, manholes, basins, pipes, etc.
- 3. Remove all fire damaged dead trees, steel posts, tires, debris, junk, concrete and trash from the entire site.
- 4. Retire and cap one water wells in accordance with Navajo Nation Division of Natural Resources' water resources department requirements.
- 5. Dispose of the old water tower and tank.
- 6. Disconnect and retire all site utilities (power, water, sewer and telecommunications) in accordance with NTUA requirements.
- 7. Grade the site to a smooth finish, free of any debris such as pieces of concrete. All small pieces of debris shall be raked up.
- 8. Test the former sheep dipping facility and water discharge channel, including the wash, for hazardous substances.
- 9. Remove the remains of the dipping facility and any hazardous contamination that may be present.

**ESTIMATED CONTRACTUAL COST:** 

\$500,000.00

# Demolition/Site Cleanup Project FORMER LEO JIM SITE Round Rock, Arizona

This site, formerly known as the Jim Business Site, is located along Navajo Route N12, on the north side of N12, just east of the Round Rock Chapter Complex in Round Rock, AZ. The site is an abandoned 600 sq. ft. single story brick structure. Asbestos Containing Materials, consisting of approximately 600 sq. ft. of floor tiles, have been identified at the site.

#### SCOPE OF WORK

- 1. Remove and dispose of the identified asbestos containing materials. The ACMs consists of approximately 600 sq. ft. of floor tiles.
- 2. Completely demolish all remaining structures, including floors and foundations, and dispose of the building materials and contents.
- 3. Grade the site to a smooth finish, free of any debris such as pieces of concrete. All small pieces of debris shall be raked up.

**ESTIMATED CONTRACTUAL COST:** 

\$70,000.00

# Demolition/Site Cleanup Project FORMER UPPER GREASEWOOD TRADING POST SITE Lukachukai, Arizona

This site, formerly known as the Upper Greasewood Trading Post, is located along Navajo Route N12, on the west side of N12, approximately 6 miles south of the intersection of Route 12 and Route 13 in Lukachukai, AZ. The site has been abandoned for approximately 45 years and the buildings have been torn down. Still present at the site is a mixture of construction materials consisting of frame, concrete blocks, logs, stone, debris, trash, etc. Sagebrush and other plants have over grown the site and the site needs to be cleared in order to completely clean the area. Asbestos Containing Materials may be present in some of the construction materials. A well is most likely present. Underground Storage Tanks may also be present.

#### SCOPE OF WORK

- 1. Test the construction debris for any hazardous substances such as asbestos containing materials.
- 2. Remove and dispose of any identified asbestos containing materials.
- 3. Completely demolish and dispose of all remaining structures, including floors and foundations, and dispose of the building materials and contents.
- 4. Remove and dispose of all site improvements including fencing, asphalt roadways and driveways, concrete flatwork and foundations, underground concrete boxes, manholes, basins, concrete water works such as tanks, troughs, etc.
- 5. Remove all tires, debris, junk, and trash from the entire site.
- 6. Disconnect and retire all site utilities (power, water, sewer and telecommunications) in accordance with NTUA requirements.
- 7. Retire and cap one water well in accordance with Navajo Nation requirements.
- 8. Remove any Underground Storage Tanks that may be present.
- 9. Grade the site to a smooth finish, free of any debris such as pieces of concrete. All small pieces of debris shall be raked up

ESTIMATED CONTRACTUAL COST:

\$200,000.00

# Demolition/Site Cleanup Project FORMER KENNEDY TRADING POST SITE Luknchukai, Arizona

This site, formerly known as the Kennedy Store, is located along Navajo Route N13, on the north side of N13, just west of the turnoff to the Lukachukai Chapter Complex in Lukachukai, AZ. The site has been abandoned for approximately 40 years and the buildings have been torn down. Still present at the site is a mixture of construction materials consisting of frame, concrete blocks, logs, stone, debris, trash, etc. Sagebrush and other plants have over grown the site and the site needs to be cleared in order to completely clean the area. Asbestos Containing Materials may be present in some of the construction materials. And old concrete water tank is present and most likely, a well is also present. Underground Storage Tanks may also be present.

#### SCOPE OF WORK

- Test the construction debris for any hazardous substances such as asbestos containing materials.
- 2. Remove and dispose of any identified asbestos containing materials.
- 3. Completely demolish and dispose of all remaining structures, including floors and foundations, and dispose of the building materials and contents.
- 4. Remove and dispose of all site improvements including fencing, asphalt roadways and driveways, concrete flatwork and foundations, underground concrete boxes, manholes, basins, concrete water works such as tanks, troughs, etc.
- 5. Remove all fire damaged trees tires, debris, junk, and trash from the entire site.
- 6. Disconnect and retire all site utilities (power, water, sewer and telecommunications) in accordance with NTUA requirements.
- 7. Retire and cap one water well in accordance with Navajo Nation requirements.
- 8. Remove any Underground Storage Tanks that may be present.
- 9. Grade the site to a smooth finish, free of any debris such as pieces of concrete. All small pieces of debris shall be raked up

**ESTIMATED CONTRACTUAL COST:** 

\$200,000.00

\$4,329,472

August 19, 2019

Mr. James Adakai, Department Manager II Capital Projects Management Department Window Rock, Arizona 86515

RE: LOW MOUNTAIN CHAPTER MULTI-PURPOSE FACILITIES PROJECT

Dear Mr. Adakai:

The Low Mountain Chapter is please to present this proposal for your review. We look forward to partnering with you in helping our community to convert (a hope or plan) into a fact, the realities of a visible community Multi-Purpose facilities. Spatial comparison among the existing or proposed Multi-Purpose Facilities includes the most common uses are, meeting space, office space, Youth-related and Health-related spaces are also common. "Health-related space" could include primary care facility (such as a small clinic usage) or public health and wellness facilities (such as a public health office space) and youth space could include a child care facility or other youth-related programming space.

For the past five years or longer, the Low Mountain Chapter has been piloting or involved experimenting with accommodating the various tribal programs such as the Youth program, Department of Youth, SYETP, Nation's Workforce Development, Chapter's Public Employment program, Community Health Representative and the Public Health Nurse providing health care to high-risk clientele, and the winter emergency program implementation requiring overnight lodging services, ETC.

We have seen measurable success with all these programs and other services including 47 veterans and 07 widows with membership status with the Chapter Veterans Organization and in order to accommodate all these service programs and clientele, an expansion facility is needed. We are now seeking to expand with the construction of the proposed Chapter Multi-Purpose Facilities to address the needs of one and all making use of the services provided. Our proposal requests \$4,329,472.00 in funding to construct the needed Multi-Purpose Facilities.

We appreciate the Navajo Nation Capital Projects Management Department and the Division of Community Development taking an interest in helping our community with our funding request. Please give me a call at (928) 725-3700, ext. 3702 if you require any further information or have questions concerning this proposal.

Sincerely,

Mareita Denhy, CSC LMC

P.O. Box 4416

Blue Gap, Arizona 86520

Georgia de Caralla de

# RESOLUTION OF THE LOW MOUNTAIN CHAPTER

LMC-2019-049

REQUESTING TO THE NAVAJO NATION RESOURCES AND DEVELOPMENT, BUDGET AND FINANCE, NAABIK'IYATI COMMITTEES AND NAVAJO NATION COUNCIL, TO CHANGE THE SCOPE OF WORK FOR THE LOW MOUNTAIN CHAPTER SIHASIN FUND OF \$596,666,66 FROM PLAN AND CONSTRUCTION TO PLAN AND DESIGN.

#### WHEREAS:

- O1. Pursuant to 26 N.N.C., Section 3 (A) the Low Mountain Chapter is a duly certified Chapter of the Navajo Nation Government, as listed at 11 N.N.C., part 1, section 10,; AND,
- O2. Pursuant to 26 N.N.C., Section 1 (8) Low Mountain chapter is vested with the authority to review all matters affecting the community and to make appropriate correction when necessary and make recommendation to the Navajo Nation and other local agencies for appropriate actions; AND,
- O3. The funding allocation of Year II Sihasin Fund in the amount of \$596,666.66 as amended in areas of Scope of Work for Plan and Design and to include Multi-purpose Building project which are vital to the Chapter's Community Development Process that basically supports the Chapter's Project conception and planning that's more realistic; AND,
- O4. The Low Mountain Chapter's conception and planning and implementation phases of these projects are very important not only from the Chapter's perspective but overall, from the community standpoint, to benefit the community stakeholders, especially the young children and community youth and these commitments and supports shows to be realistic with the community involvement and citizen participation; AND,

NOW. THEREFORE BE IT RESOLVED THAT: REQUESTING TO THE NAVAIO NATION RESOURCES AND DEVELOPMENT, BUDGET AND FINANCE, NAABIKTYATI COMMITTEES AND NAVAIO NATION COUNCIL, TO CHANGE THE SCOPE OF WORK FOR THE LOW MOUNTAIN CHAPTER SIHASIN FUND OF \$596,666,66 FROM PLAN AND CONSTRUCTION TO PLAN AND DESIGN.

#### C-E-R-T-I-F-I-C-A-T-I-O-N

We, hereby certify that the foregoing resolution was duly considered at a duly called Low Mountain

Chapter Meeting in Low Mountain, (Arizonal same was passed with a vote of 24 in fav of February 2019.	), Navajo Nation, at which a quorum was present and that or, Doposed, and 01 abstained on this 13th day
Motioned By: Maggic Tom	
Seconded By: Diane Lee	
Su su	. Nouns, ceny
Sampson Begay, Chapter President	Roger B. George, Chapter Vice-President
MACILL	Me
Rose Ann Charley, Ch	iapter Secretary/Treasurer

#### **PROPOSAL TITLE**

# LOW MOUNTAIN CHAPTER MULTI-PURPOSE BUILDING

Requesting the Navajo Nation to allocate \$4,329,472.00

To Construct a Multi -Purpose Building Complex

## PROJECTED LOCATION:

**Low Mountain Chapter Tract** 

AMOUNT OF FUNDS-REQUESTED

\$4,329,472.00

Submitted By:

Sampson Begay, Chapter President Low Mountain Chapter P.O. Box 4416 Blue Gap, Arizona 86520 Telephone: (928) 725-3700





# NAVAIO NATION DIVISION OF COMMUNITY DEVELOPMENT (DCD) CAPITAL PROJECTS MANAGEMENT DEPARTMENT \$4,329,472.00 PROJECT PROPOSAL FUNDING REQUEST MULTI-PURPOSE FACILITIES CONSTRUCTION "A COMMUNITY CULTURAL GATHERING PLACE"

#### I. PROJECT SUMMARY:

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For the past several years, the rural four (4) community areas of Low Mountain have been clear about their dreams and desire for a multi-purpose facility space where they can gather for large group events and provide the needed programming and services to benefit the health and well-being of the community at large. The path the Low Mountain Chapter (LMC) communities needs to take to enable them to envision, plan, design, create and manage such a space facilities may be less clear at this time, but further, the LMC Officials, staff, organizations and agencies charged with promoting sustainable such developments in the Nation's rural Chapter communities lack a coherent formula for measuring the likelihood of such a Multi-Purpose facility project's success. The purpose and intent of this proposal report is to investigate and describe existing Navajo Nation (NN) multi-purpose facilities and, ultimately, attempt to define, a successful sustainable model Multi-Purpose facilities for future accommodations and utilization by and for the LMC community at large. To enable bringing this project to a reality, funding in the amount of \$4,329,472.00 is requested from the NN Capital Project Management Department (CPMD). Collaboration is a big part of this project's progress in terms of local planning by the Chapter Officials, Community Services Coordinator (CSC), Community Land Use Plan Committee (CLUPC), and the community involvement. The LMC Multi-Purpose Facility Project will be constructed and established within the LMC's community development land tract withdrawn for that purpose. This has been the community's dream and desire and we thank them for their support, commitment and their patience.

The LMC Community Services Coordinator (CSC) has developed the the project plans and the preliminary specifications to construct a 6200 square feet multi-purpose facility to provide a safe and capacity-accommodations. The proposed multi-purpose facility will be located within the Chapter fenced property; See attached Exhibit "A" for the legal withdrawn land survey and the concept facility location. The infrastructure resources required i.e. waterline and electrical powerline are readily available on premises for the construction activity. Last but not least N67 and the off-ramp access roads are paved to the proposed project site.

#### II. INTRODUCTION:

The Low Mountain Chapter operates under a dual two (2) linked sets of Navajo Nation Agency controls enabling both the District 7 Fort Defiance Agency and the District 4 Chinle Agency both recognizes the LMC's jurisdictional sphere of operational activities and the latter Chinle Agency retains more of the official jurisdictions excercised over the LMC's operation through their partnership with the elected Navajo Nation Council Delegate the Honorable Kee Allen Begay, Jr. and the Administrative Service Center (ASC) designation Chapter assignment with oversight monitoring of Chapter finances under the Division of Community Development (DCD). The LMC also retains membership status with the Dzil Yijiin Regional Council and the Dzil Yijiin Regional Service areas.

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As far back as can be remembered or found recorded, the Low Mountain community by their Dine/Navajo language, the name, "Jeehdeez'a" translation means "Gumpoint" is with reference to the pinon trees sap or gum extractions that trickies or flows out slowly during the hot weather climates such as summer, from the 'deestiin' or pinon trees that abundantly covers the entire western low mountain mesa areas and the pointed shape of the mesa. So therefore, it's always been Jeehdeez'a, but sadiy, this historical term identifying the lower western mesa has become a Hopi Partition Land (HPL) mesa.

What maybe more original or better sounding is the Dine/Navajo language, 'Ta'Sahdi'da'askani,' Translation means "Lone Mountain" situated north and behind the present Chapter House and word is that, some of the elders of the olden times could not utter distinctly or correctly the word "ione" so thus far, 'Low Mountain' coming at last, became a long-lasting descriptive name for our community.

#### III. PROBLEM STATEMENT AND NEEDS:

Requoting from the proposed JUA home renovation project in reference to the Navajo Hopi Land Dispute, on December 22, 1974, the United States Congress passed the Navajo and Hopi land Settlement Act of 1974, P.L. 93-531, as amended. Throughout the century it became increasingly clear that this part of the Southwest was a major repository of important minerals such as oil and uranium. Efforts to develop these resources led to the division of jointly used ancestral lands through the 1974 Navajo-Hopi Land Settlement Act and the relocation of thousands of Navajos from their homelands.

The 1974 Navajo-Hopi Land Settlement act created an artificial boundary, dividing in half 1.8 million acres of jointly owned Navajo-Hopi land in northern Arizona. The enactment of this law resulted in governmental efforts to relocate 10-15,000 Navajos who found themselves, living on the wrong side of the fence.

This is only part of the Infamous Navajo-Hopi Land Disputes. We lost a lot of our ancestral lands in the overall process and we are still suffering the effects of this land dispute, relocation, the land partitioning, moratorium or a temporary ban or suspension on construction and building activities including homes and infrastructures, livestock reductions and the continuing harassments and livestock impoundment activities to impact a great number of our elderly people and families with health issues.

Navajo Times Monday, August 12, 2019 CHAPTER SERIES by Cindy Yurth, Tseyl Bureau QUOTE: "Kicked off the mesa" Low Mountain struggles to regain footing after relocation. "Anyone who thinks the Navajo-Hopl Land Dispute is ancient history should come to Low Mountain." And yes! The wounds seem very evident and fresh still.

Presently, there are forty six (46) relocatees residing in the community and many of them are rather old past their middle age becoming elderly members of the LMC community whose advise are valued because of their many years of experiences. Many of their extended families are in need of homes of their own. Most of these extended family members were never considered by the Navajo-Hopl Indian Relocation



CPMD Funding Request Proposed Multi-Purpose Facilities "A Community Cultural Gathering Place" \$4,329,472.00 Page 3

Office so in this regards, the community will be very fortunate to have their dreams and desires to have the multi-purpose facility become a reality. The needs of these relocatees are being addressed to upgrade (renovate) and reconstruct their homes.

The Low Mountain Census Designated Place has a total population of 754 as of July 1, 2019 and Low Mountain ranks in the lower quartile for population density index compared to other cities, towns, and

Census Designated places (CDPs) in Arizona. The primary coordinate point for Low Mountain is located at latitude 35,9403 and longitude 110.1135 in Navajo County. The formal boundaries for the Low Mountain Census Designated Place encompass a land area of 36.9 sq. miles and a water area of 0.01 sq. miles. Navajo County is in the Mountain Time zone (GMT-7). The elevation is 6,165 feet.

The Low Mountain Chapter multi-purpose facility will address the needs of adequate spaces for the community at large. Presently, the Low Mountain Chapter's four outlying communities combined have a total of 317 residential homes.

The LMC currently has 665 community voter registered memberships including the Low Mountain Veterans Organization (LMVO) with 47 veterans and 07 widows for a total of 54 active memberships. The population fluctuates up and down not only with the voter registered community members. We have members going off-reservation for employment and educational reasons and some do return for family visits and relocating back to the community. Due to the Navajo Election Administration (NEA) purging voter registered members due to non-active voting activity in two (2) NN Elections whereby, some of the purged voters out of concerns for Chapter assistance in those cases will re-register as a community voting membership.

The goal of the population profile is to provide local service programs within the Chapter's extended Health Service Programs to better understand the parameters of the community population that the age distributions can help health and other programs define areas to focus on with prevention, treatments and planning from child to geriatric health. Additionally, study shows females having a larger population after the age of forty (40) which could be related to the high mortality rates for men. The local Chapter profile can also help to determine prevalence and incidence rates at the Chapter and Agency level and the CHR and the Public Health Nurse can develop close observation methods for chronic, communicable and non-communicable sickness or diseases within the Low Mountain Chapter community. This in turn will be beneficial for the Navajo Nation Department of Health. Upon determining prevalence and incidence rates for the Chapter and Agency, comparisons can be made by the local health administrator to seek help to target areas with high priorities and needs. Therefore, establishing a Health-related space within the multi-purpose facility will be vitally important.

The Low Mountain Chapter certified Low Mountain Youth Organization in '2016 where Youth Services is another common space-need for Youth-related activities and this space could include a childcare facility or other Youth-related programming, i.e. the Summer Youth Employment and Training Program, (SYETP) Department of Youth, Navajo Workforce Development, (NWFD) Counseling Center, etc.



Youth, the future leaders, being young, the period between childhood and maturity, the vigor or lack of experience, youthful impatience etc., are all characteristics of this. Youth of the Low Mountain community generally, majority are taking care behaving high school and first-year college students observed as local program participants and their respectful interactions with officials, administrative staff and the public while on their summer temporary employment projects. Their youthful impatience and not having anything to do are their only real drawbacks, their boredom attitudes and they need to be taught to keep their minds positively occupied. They need to be taught to have some moral principles as work ethics, right and wrong choices in conduct and understanding. They all need moral support from their different age peer groups.

There are approximately 81 under thirteen (13) years old school-age children and 106 fourteen (14) to seventeen (17) years old youths residing with their families throughout the (4) Chapter communities and those above eighteen (18) years old, few maybe stay-at-home community members and others are either attending colleges or in training of some types to better themselves

Overall, from the number of children and youth populations in the community, only about ten (10%) percent or less have gone astray to be led into error or wrongdoing becoming involved in local light wannabes gang activities, smoking and some drug-usage, graffiti and/or tagging as more commonly used scribbling gang association signs or descriptive words on exterior walls of buildings, business property bathromms, residents, outhouses, dilapidated sheds, road signs, N60 south canyon roadside boulders and more malicious criminal activities as vandalism and destructions of business properties which has signicantly decreased.

GYMNASIUM; Planning, Designing and constructing a gymnasium within the multi-purpose facility should be the basic, fundamental and the ultimate cause considering adding a gym to the floor plan of the multi-purpose facility. I think we all recognize the need for an innovative space where our local people could connect and the community could embrace its love for local athletics. It can be a place where our Navajo people can explore the arts and faith, take lessons, have moments of respite or connect with friends and people of all ages can find a place to be involved. A single basketball court gymnasium can be a wonderful tool to help reach the younger generations. The LMC considers creating plans to use it or ways to convert it into an effective space that reaches the local younger generations and our community at large. The LMC believes the multi-purpose facility gymnasium will promote health and wellness as we have people that spend time outside and the gymnasium will help people to stay engaged and active and use the facility year-round. This is an opportunity for the younger generations and our community to enjoy the benefits of health and wellness here. Studies have shown that a student who stays active physically will be more alert and attentive in a classroom. The Gymnasium's primary purpose will be to serve the local youth and families of our community.





CPMD Funding Request Multi-Purpose Facilities "A Cultural Gathering Place" \$4,329,472.00 Page 5

#### IV. SCOPE OF WORK (SOW)

#### 1. Glossary:

DCD, Refers to Division of Community Development CIO, Refers to Capital Improvement Offfice LMC, Refers to Low Mountain Chapter CSC, Refers to Community Services Coordinator CLUPC, Refers to Community Land Use Planning Committee NN, Refers to Navajo Nation. ASC. Refers to Administrative Services Center DYRC, Refers to Ozil Yijiin Regional Council DYRHC, Refers to Dzil Yijlin Regional Health Council JEEHDEEZ'A, Navajo name Gumpoint refers to lower western Low Mountain Mesa TA'SAHDI'DA'ASKANI, Refers to Lone Mountain mesa north behind the Chapter House JUA, Refers to Joint Use Area CDPs Refers to Census Designated Places LMVO, Refers to Low Mountain Veterans Orgalization NEA, Refers to Navajo Election Administration SYETP, Refers to Summer Youth Employment Training Program NWFD, Refers to Navajo Work-Force Development SOW, Scope of Work RFQ, Request for Qualification/RFP, Request for Proposal

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#### 2. Problem Statement:

The purpose and intent of this proposal report is to investigate and describe existing NN multipurpose-facilities and ultimately attempt to define, a successful sustainable model Multi-Purpose Facilities for future accommodations and utilization by and for the LMC community at large.

#### 3. Goals of the Agreement:

The goal of this project is to, establish a partnership with the funding source and seeking help for the LMC community to convert into a fact, the realities of a visible Multi-Purpose Facilities and to enable bringing this project to a reality, funding in the amount of \$3,375,000.00 is requested from the NN Capital Projects Management Department.

#### 4. Objective of the Agreement/Deliverables:

Presiding Chapter Officials schedule a Chapter meeting and facilitate the conduct of the Chapter Meeting pursuant to section 1003 of the LGA with a quorum of 25 voter registered community members to consider, approve and certify a Chapter Resolution, the document recording the official action taken by the Chapter membership regarding the proposed community multipurpose facility project.

CPMD Funding Request Proposed Multi-Purpose Facilities "A Community Cultural Gathering Place" \$4,329,472.00 Page 6

The LMC CSC has developed the Project Plans and the preliminary specifications to construct a 6200 square feet multi-purpose facility to provide a safe and capacity-accommodations. The proposed multi-purpose facility will be located within the Chapter 12-acres fenced property. See attached Exhibit "B" for the legal withdrawn land survey and the concept facility location.

The Infrastructure resources required i.e. waterline and electrical powerline are readily available on premises for the construction readiness. The N67 and the off-ramp access roads are paved to the proposed project site.

The LMC multi-purpose facility will address the needs of adequate spaces for use by the community at large with the Census Designated Places population of 754 as of July 1, 2019 and 665 Voter Registered membership including 47 veterans and 07 widows for a total of 54 active enrolled LMVO memberships. The goal of the population profile is to provide local service programs within the Chapter's extended Health Service programs to better understand the parameters of the community population that the age distribution can help health and other programs define areas to focus on with prevention treatments and planning from child to geriatic health.

The Chapter profile can also help to determine prevalence and incidence rates at the Chapter and Agency level and the CHR and the Public Health Nurses can develop close observation methods for chronic communicable and non-communicable sickness or diseases within the LMC community. After determining prevalence and incidence rates for the Chapter and Agency, comparisons can be made by the local health administrators to seek help to target areas with high priorities and needs Therefore, establishing a health-related space within the multi-purpose facility will be vital.

#### 5. Administration:

The Low Mountain Chapter will provide an approved Supporting Chapter Resolution for the development of a new Multi-Purpose Facilities. The Chapter will submit the Proposed Multi-Purpose Facilities Grant Proposal requesting \$4,329,472.00 to the NN Capital Project Management Department on or about March 1, 2020 for funding the project.

The Community Services Coordinator along with the Chapter Officials will develop the Grant Proposal for the proposed multi-purpose facility. The write-up will include the needs assessment survey, identify project prorities utilizing the CLUP, preplanning with all the appropriate parties, identified project site, reconfirmed the preliminary land consent and available all preliminary fieldwork including archaeological and environmental clearances, preliminary designs, cost estimates, existing withdrawn land survey documents, land withdrawal finalization, project proposal complete with all necessary criteria including SOW, plan of operation, cost estimate, status of all clearance, matching funds, Chapter resolution, support letters from service unit programs, conceptual design and other pertinent documents.

CPMD Funding Request Proposed Multi-Purpose Facilities "A Community Cultural Gathering Place" \$4,329,472.00 Page 7

Navajo Nation Design and Engineering Assistance, Pursuant to NN laws RFQ/RFP for outside Architectural & Engineering Firm as well as the procurement of Services, Project Inspector monitor

#### 6. Timeline:

Project Beginning: October 01, 2019 Ending Project: September 30, 2020

#### V. ORGANIZATION:

The LMC and its Chapter government is governed by three (3) locally elected officials with a term of four (4) years, i.e. the Chapter President, Chapter Vice President and the Chapter Secretary/Treasurer comprising the Legislative Branch functions of the Chapter and the Chapter Administrative staff carrys out the Executive functions of the Chapter government including administering the day to day program operations of the Chapter CSC, and the Account Maintenance Specialist (AMS) is charged with the Chapter's financial accounting operations and this collective body of local leaderships hold duly called monthly Planning Meetings and Chapter Meetings with a quorum twenty five (25) voter registered community memberships to address and approve Chapter Resolutions, all community needs and other important Chapter Business matters. To ensure accountability, the LMC adopted and operates under the Five Management System and have developed the Chapter Policies and Procedures all in place pursuant to the applicable Navajo Nation laws.

Since the Navajo Nation Council (NNC) per election referendum making smaller in proportion the number of delegates from eighty eight (88) down to twenty four (24) elected Navajo Nation Council seats, the LMC with four (4) other District 4 Chapters shares one (1) Delegate representative to the Nation's Council governing body, namely the Honorable Kee Allen Begay, Jr.

Further, pursuant to Title 26, Section 2004, (B) and Section 103, (E) (1) the LMC having been Community Based Land Use Plan (CLUP) certified in FY 2008 and recertified five years land Use Plan Admendments in FY 2017 can exercise autonomy to a certified level in respect to its land use Issues.

#### VI. BUDGET INFORMATION:

**Matching Funds:** 

Navajo-Hopi Land Commission \$ 50,000.00 Low Mountain Chapter \$125,000.00 Navajo Nation SiHasiin Funds \$596,666.66 CPMD Funding Request Multi-Purpose Facilities
"A Community Cultural Gathering Place" \$4,329,472.00
Page 8

# VII. ATTACHMENTS/SUPPORTING DOCUMENTS:

Chapter Resolution
Chapter Five Year Project Listing
Approved Land Withdrawal
Land Survey Plat
Archeological Clearance
Biological Clearance
HPD Compliance Form
Environmental Assessment
Geotechnical Survey

### CAPITAL PROJECT MANAGEMENT DEPARTMENT

**COST ESTIMATE** 

Revised

Date: 10/17/2022

Project No.:

Project: Construction Phase -Low Mountain Chapter Multi Purpose Start Bldg. Pro COST SUMMARY PER LOCATION 5,500 S.F.

GUSTISUMMARXIPERILUCATION (2) 5,500 S.F.		79985
A. ESTIMATE COST - CHAPTER MULTI PURPOSE BLDG	Sub-Total	Total
CONSTRUCTION PHASE		
1 Post COV cost Increase- Materials/Labor		
2 Constr. Services-2022	\$ 5,000,000.00	
3 Site, Electrical	included	
4 Site Concrete	included	will place and the state of the
5 N/A 24 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	included	Report of the Constitution
6 4% Inflation/yr.		
7 NNGRT 6%		
Subtotal Estimate Services	\$ 5,297,000.00	
SUBTOTAL SERVICES: NN ASC (A+B)		\$ 5,297,000.06
NNGRT		\$ 317,820.00
TOTAL SERVICES: NN CHTR		\$ 5,614,820.06
B. CONSTRUCTION SERVICES		
1 Construction: 2023/24 Cost per S.F.		
2 Construction Inflation:	\$ 264,850.00	
3 FF&E	Included	
4 Civil site	Included	
5 Parking lot- Asphalt/Gravel	Included	
6 Infrastructure-W, E, S, G, & phone-On-Site	Included	
7 Insurance/Bond	Included	
8 Contingency 10%	\$ 37,201.50	
SUBTOTAL SERVICES: NN Sr., Demo	)	Included
NNGRT 6%	\$ 18,175.59	
TOTAL SERVICES	\$ 321,102.09	\$321,102.09
C Miscellanous		•
1 Off-Site NTUA- 3-Phase Power Extension	\$ 95,000.00	
2 Off-Site NTUA- 3-Phase Power Extension ROW	\$ 16,000.00	
3 NN Tax 6%	\$ 6,660.00	
Subtotal Costs		\$ 6,030,922.15
E. TOTAL PROJECT		
F. SUBMITTED BY NNCPMD		

THE NAVAJO NATION PROGRAM BUDGET SUMMARY

F

Page of BUDGET FORM 1

PART I. Business Unit No.:		Program Title:	Low Mo	Title: Low Mountain Chapter Multi Purpose Bldg Project	lg Project	Division/Branch:	Division/Branch: Community Development	pment
Prepared By: E. E.	E. Benally	Phone No.:	No.:	928.871.6380	Email Address:	elbenally	elbenally@navajo-nsn.gov	
PART II. FUNDING SOURCE(S)	Fiscal Year Term	. Amount	% of Total	PART III. BUDGET SUMMARY	YY Type	(A) NNC Approved	(8)	(C)
Sihasin Funds	3112022-12/30/24	\$ 6,030,922.00	100%		Code	Original Budget	Proposed Budget	Total
				2001 Personnel Expenses	AND THE RESERVE OF			
				3000 Travel Expenses	p while higher the			
				3500 Meeting Expenses				
				4000 Supplies				
				5000 Lease and Rental				
				5500 Communications and Utilities	ities			
			-	6000 Repairs and Maintenance	-	•		
				6500 Contractual Services	Company & appetic			, i
				7000 Special Transactions	POSEATO NE			
		,		8000 Public Assistance	Amounta of	*		
				9000 Capital Outlay	······································		\$ 6,030,262.00	\$6,030,262.00
				9500 Matching Funds		٠		
				9500 Indirect Cost				
					TOTAL	\$0.00	\$ 6,030,262.00	\$6,030,262.00
				PART IV. POSITIONS AND VEHICLES	ICLES	(D)	(E)	
				Total # of Pos	Total # of Positions Budgeted:	0	0	
	TOTAL:	\$6,030,922.00	100%	Total # of Vel	Total # of Vehicles Budgeted:	0	0	
PART V. I HEREBY ACKNOWLEDGE THAT THE INFORMATION	E THAT THE IN	ORMATION CON	TAINED	I CONTAINED IN THIS BUDGET PACKAGE IS COMPLETE AND ACCURATE.	MPLETE AND A	CCURATE.		
SUBMITTED BY:	James Adakai	akai		APPROVED BY:		Pearl Yellowman	•	
Pro	Program Manager's Printed Name	Printed Name	ļ		Division Directo	Division Director / Branch Chief's Printed Name	nted Name	
							•	
Progra	Program Manager's Signature and	gnature and Date	,	io	vision Director /	Division Director / Branch Chief's Signature and Date	ture and Date	

Page 2 of 3\_ PROJECT FORM

# PROJECT BUDGET SCHEDULE THE NAVAJO NATION

						'		PART II.	Project Information	•
PART I. BUSHIESS UNITAGE.  Design Trile I can Manufain Chapter Mulli-Purpose Building Project	hanter Mulli-Purpos	se Building Proje	U		** ************			Project Type:	Construction	
Project Operatorition Constantion of the Low Mountain Chapter Multi-Purpose Building	of the Low Morinta	in Chaoter Multi	-Purpose Build	ling.			77. 2 2.27	Planned Start Date:	1/1/2022	2022
								Planned End Date:	12/30/2024	
Check one box:	Original Budget	☐ Budget Revision	t Revision	Budget Reallocation		Budget Modification		Project Manager.	E. Benally	
	PART IV. USE FI	iscal Year (FY)	Quarters to ∞	Use Fiscal Year (FY) Quarters to complete the information below. O = Oct.; N = Nov.; D = Dec., etc.	n below. 0=(	)ct.; N = Nov.; D=	Dec., efc.		Expected Completion Date if	tes ep
List Project Task separately, such		FY_22				¥	23		project exceeds 8 FY Qirs.	27
as Fian, Design, Construct, Equip	1st Off.	2nd Otr.	3rd Otr.	4th Qtr.	1st Olr.	2nd Olr.	3rd Off.	4th Otr.	Date 12/30/2024	
itractor TP), losed at fights at electrical	Ω ;	E C C C C C C C C C C C C C C C C C C C	₹       4	ν <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub> <sub>γ</sub>	Q			ν 	u	Σ
PARTY		- S	S	60	S	\$	\$	\$	PROJECT TOTAL	
Expected Quarterly Expenditures		861.560.29	861.560.29	861,560.29	861,560.29	861,560.29	861,560.29	861,560.26	\$6,030,922.00	
FOR OMB USE ONLY: Resolution No:			FMIS Set Up Date:	]		Company No:		OMB Analyst:		ı

Resolution No:

FOR OMB USE ONLY:

1236

Navajo Nation Council Special Session

12/19/2022

04:30:14 PM

Amd# to Amd#

Legislation 0159-22: Allocating

**PASSED** 

MOT Halona, P

\$10,031,897 from the Shasin Fund

SEC Smith

for the Mariano Lake Chapter

Multipurpose Building....

Yeas: 17

Nays: 1

Excused: 2

Not Voting: 3

Yea: 17

Begay, E Begay, K Freeland, M James, V Smith Stewart, W Tso, E

Begay, K Begay, P

Nez, R

Tso, C

Wauneka, E Yazzie

Crotty

Slater, C

Tso, C

Yellowhair

**Daniels** 

**Nay: 1** 

Charles-Newton

Excused: 2

Damon

Tso

Not Voting: 3

Walker, T

Halona, P

Brown

Presiding Speaker: Henio, J