

BUREAU OF RECLAMATION



DEPARTMENT OF ENVIRONMENTAL RESOURCES & PUBLIC WORKS SMALL SCALE WATER EFFICIENCY PROJECT PROPOSAL

Pueblo of Zia Metering Phase II

March 4, 2020

Submitted by:
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TECHNICAL PROPOSAL AND EVALUTAION CRITERIA

Executive Summary

Wednesday, March 4, 2020

Pueblo of Zia

Pueblo of Zia, Sandoval County, NM

The Pueblo of Zia currently services 250 homes with Utilities, of the 250 homes roughly 140 homes are currently being metered. The Pueblo of Zia is proposing to use funding toward metering the remaining 110 homes throughout the Pueblo. This will be a phased approach to project completion as we are requesting funding for 40 meters this round and the additional 30 in subsequent years. In FY 2019, the Pueblo was funded for supplies need to meter 40 homes. We hope to continue this endeavor with an additional 40 meters in FY 2020. This is based on the Pueblo's capacity to complete the number of meters as well as the funding restrictions. This funding would help the Pueblo of Zia tremendously. Metering is the first step in completing our water system and allowing us to identify where water loss might be occurring as well as leading to an appropriate fee structure. The Pueblo of Zia community members are requesting meters be installed in their homes to determine how much water is being used; at this time, the Pueblo of Zia does not have accurate usage numbers. This would also help some of the homes in the Pueblo who do not have a water shut off or know where their water lines are located. By installing these water meters, the Pueblo could then monitor usage and charge water users according to their use of water, which would supplement the cost of maintaining the Pueblo's Utility Program so that the burden on the Pueblo's general fund is lessened. The length of time estimated to finish this would be year from when grant is awarded with an estimated completion date of August 31, 2021.

The Pueblo of Zia is a federally recognized tribe, all work will be done within the Pueblo of Zia.

Background Data

The Pueblo of Zia's main source water supply is ground water pumped from the Rio Grande Aquifer. The Pueblo of Zia currently supplies water to 250 homes with 974 residents. The Pueblo also provides water to Mesa Verde Humate Plant and American Gypsum Mine, as well as contractors who have business within the Pueblo for ongoing construction projects. The Pueblo of Zia Public Works Department which houses the Pueblo's Utility Program (Utility), is working on finding adequate water line size for homes, this is due to a lack of water maps given to the Pueblo after construction was done.

The Pueblo of Zia currently has 2 ground water wells, well #1 is 645 feet deep and can pump 90 Gallons per minute, well #2 is 645 feet deep and can pump 70 Gallons per minute. The Pueblo has 3 storage tanks: one raw water tank "Borrego Tank" that holds 142,978 gallons pumped directly from the wells, it then travels 1.24 miles through 10inch C-900 pipe to our treated water tank "Chamisa Tank", this tank holds 60,000 gallons of treated water and services one of our communities in the Pueblo. From Chamisa Tank the water line continues 1.01miles across the arroyo to our third tank, also a treated tank, "Community Tank". This tank holds 65,000 Gallons of water. From this tank is it distributed to the community. Distribution lines range in length from 20 to 40 feet off the main, for a total length of distribution lines at approximately 5,000 to 10,000 feet.

In August 2019 the Pueblo b a project with Indian Health Service (IHS) on correcting deficiencies with the current water storage tanks and rehabilitating the Community and Chamisa Tanks. The Pueblo has upgraded its water lines to bigger pipe to be able supply adequate water and water pressure to homes within the Pueblo.

The Pueblo of Zia does not currently have a water settlement. Groundwater in the Pueblo is used primarily for municipal and domestic drinking water and surface water from the Jemez River is used for agriculture. There are also two industries that lease land from the Pueblo that utilize the groundwater as well.

Over the last several years the Pueblo has begun the installation of meters in the homes in the community. This effort has been undertaken with the help of IHS on some homes and through the Pueblo's general fund on others. Currently, 140 homes are metered, 40 more meters are being installed using funding from last year's Small-Scale Water Efficiency grant, although some of the original meters need to be replaced or have been buried by homeowners and need to be relocated. If a water line is damaged, upon repairing the pipe, a meter is installed if one is not in place currently or replaced if it has been damaged.

PUEBLO OF ZIA METERING PHASE II

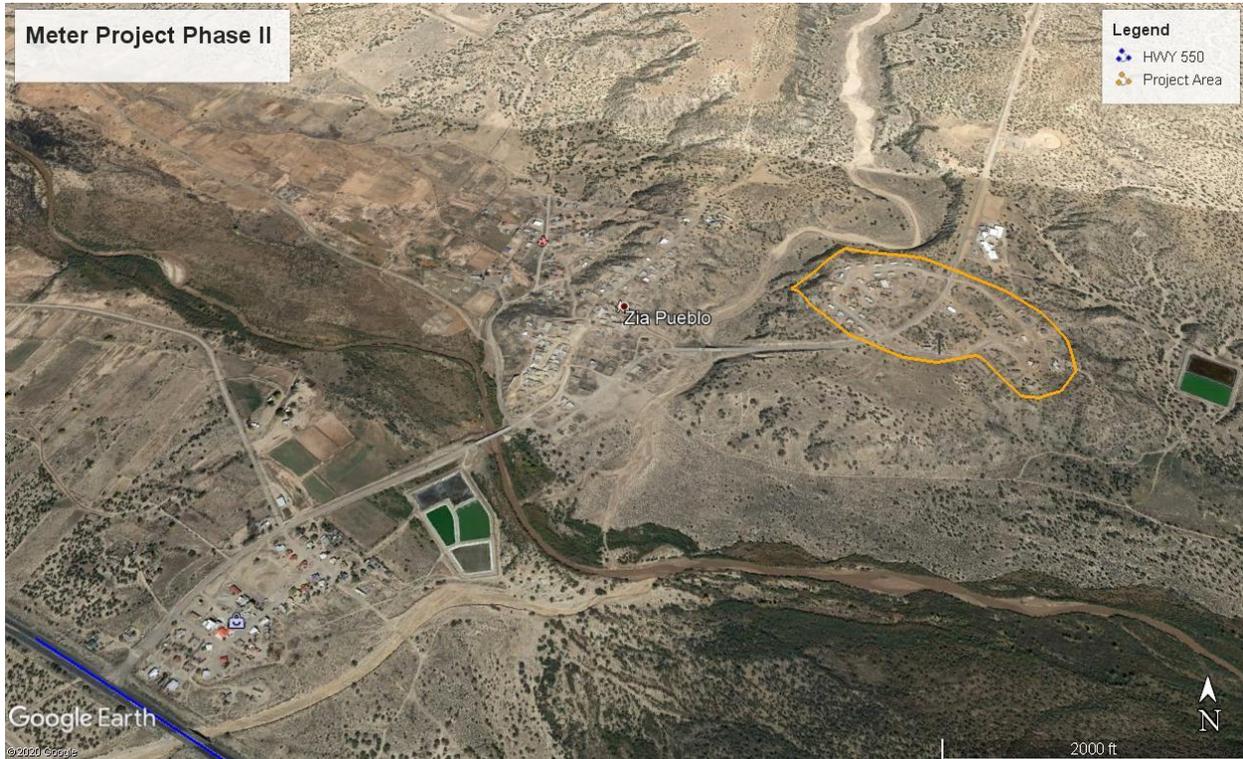
Technical Proposal and Evaluation Criteria

Pueblo of Zia Proposal
FOA No. BOR-DO-20-F006

Due to the fact that all homes are not metered, potential shortfalls in the system may be plentiful. Complete and effective metering will allow the Pueblo's Utility to better track and account for potential system losses and shortfalls. The Pueblo currently relies on SCADA/CUPPS to document system operations and notify operators of potential shortfalls. These systems will be bolstered further by the completion of meter installation.

In the past, the Pueblo of Zia has worked with the Bureau of Reclamation on several projects.

Project Location





Technical Project Description & Milestones

The purpose of this project is to install meters at 40 homes without meters or replace damaged/outdated meters. This will assist the Pueblo in its system upgrades that are happening across the Pueblo. The Chamisa Subdivision is the focus of the Phase II project. Although this is a newer section of the community, when the homes were installed, not much thought was put into water and wastewater. Because of the lack of forethought, the Chamisa housing area is poorly underserved as far as water infrastructure is concerned.

This project will focus on the purchase of 40 Badger Radio-Read meters, 3/4" to 1 1/2" pipe to carry water to homes (depending on the distance to the main water line), meter setter, and pipe connections to the meter. The labor for installation of the meters and their components will be the Pueblo's in-kind match on the project. These meters and specifications match exactly Phase I of this project.

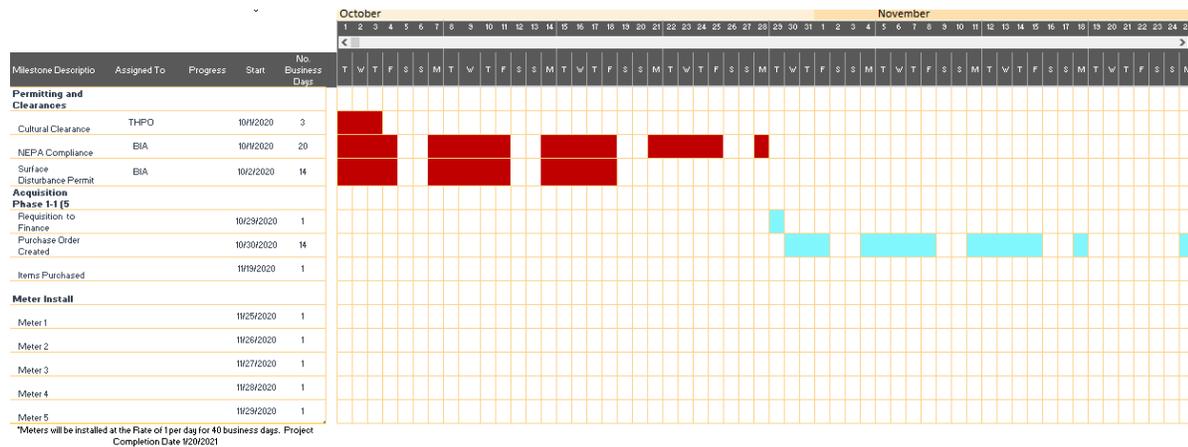
The Pueblo of Zia Utility Program is comprised of 6 certified water/wastewater operators who have worked with the Pueblo for several years. The team is well acquainted with the installation of Badger Radio-Read meters as they have done installation on other homes in the past, including Phase I of the Pueblo of Zia Meter Project. Currently, the installed meters are not used to assess fees to users but rather to determine average use of water per month so that the Pueblo can begin to assess the appropriate fees. Due to the fact that all homes are not metered, the Pueblo does not have an accurate average usage for the Pueblo as a whole. The Pueblo's water cannot be managed properly without correct and complete water demand

PUEBLO OF ZIA METERING PHASE II

Technical Proposal and Evaluation Criteria

statistics. Metering is necessary in accounting for all water used and where losses might be occurring. Without a complete metering system, the Pueblo will always have data gaps and statistical inaccuracies.

Milestones



The sites where installation is to occur are on previously established, currently inhabited home sites. For this reason, additional environmental and cultural clearance should not have to be obtained. The Pueblo will check with the Bureau of Indian Affairs to locate the previous clearances for each site. The Pueblo expects that part of allocated funding will go to the BOR for assistance with environmental and cultural clearances Cultural Clearance will be handled by the Pueblo of Zia’s Tribal Historic Preservation Office (THPO). There should be no cultural concern in the installation areas as these are previously disturbed areas that are currently inhabited home sites. However, just to be thorough, an additional clearance will be conducted. It is expected that the location of the existing clearances should take no more than 20 days total. After the appropriate clearances are located, materials acquisitions will take an estimated 16 days total, given the acquisition timeline with the Pueblo’s Finance Department. All 40 meters will be purchased at one time and stored at the Utility’s Shop until such a time that they are to be installed. One meter will be installed per day for the duration of 40 business days. This will give an installation completion date of January 20, 2021. After this, data will be collected from the installed meters weekly, for the next 6 months and a report will be generated outlining potential system losses and average system use. The total project completion date will be August 3, , 2021.

The Pueblo will have to obtain surface disturbance permits from the Bureau of Indian Affairs, but this is expected to only take approximately 14 days as the project will be presented to the Bureau in bulk, ahead of award of this proposal. If the Bureau is aware of the project ahead of time it will greatly streamline the permitting process.

There is no design or construction involved with this project. The labor cost of installation, including the heavy equipment needed is the in-kind match for this project.

Evaluation Criteria

E.1.1 Project Benefits

The Benefits to the Pueblo of Zia's water supply delivery system by allowing the Pueblo's Utility Program (Utility) to know exactly how much water is being used and to begin an appropriate fee scale for water users in the system. This project will also allow the Utility Program to better identify the location and extent of system losses. This will be a great benefit to the efficiency of the system, as well as curbing unnecessary water losses in the arid, drought ridden climate.

Water supply reliability will be greatly increased with the identification of water losses. The implementation of water metering will also allow the Utility to better serve individual homeowners. The increased water reliability will help the entire geographic area because an increase in efficiency by the Pueblo will lead to an appropriate demand that serves the exact need of the Pueblo; diminished losses lead to increased supply.

This proposal will increase collaboration between the Utility and water users as well as between the Pueblo and other users in the area. If the Utility is better able to use water efficiently, this will show an accurate need for the pueblo's drinking water system. If this is accomplished, the Pueblo will better be able to inform surrounding communities of where they may also be able to upgrade and share the positive and negative experiences that the Pueblo has had. This information sharing will lead to increased efficiency across the watershed.

This project will have a positive effect on the Pueblo's economy because it will lead to an equitable fee schedule and appropriate rate scale. This will allow the Pueblo's Utility to ask for less from the General Fund and be supplemented more heavily from water users. This will also create accountability with water users and will likely result in increased conservation.

This work does not directly complement work being done in coordination with NRCS. The Department of Environmental Resources is working with NRCS on an unrelated project to remove salt cedar through an EQIP grant.

E.1.2 Planning Efforts Supporting the Project

The Pueblo has created a draft Utility Ordinance that will be adopted by Tribal Council this year. This Ordinance outlines the need for metering along with a new fee schedule. There is an intense need for metering as currently most water use is unmetered, and users pay a flat fee of \$1 per month per person. This equals an overall supplement to the Utility of \$11,400 a year, IF every registered member pays their water bill; several members are delinquent on their water bills.

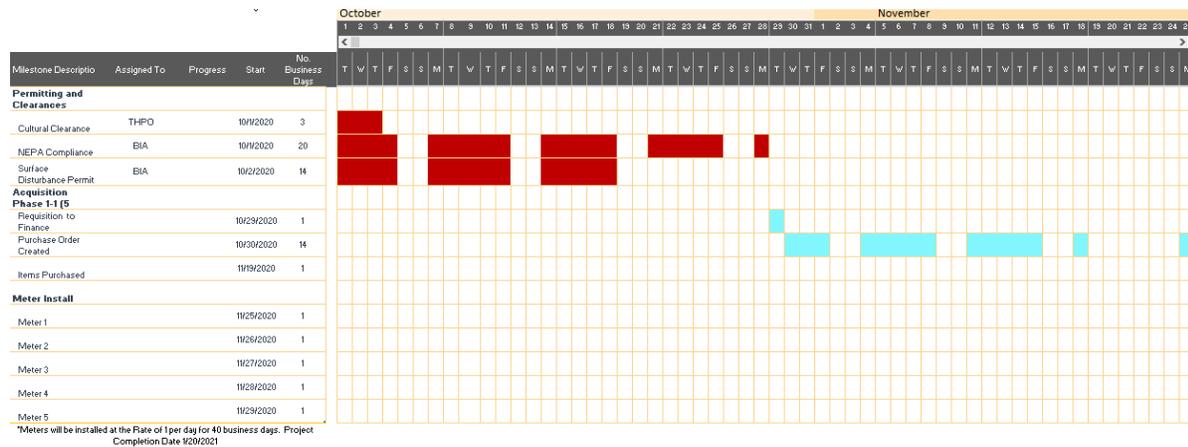
The proposed project has been determined as a priority, not only in the draft Utility Ordinance but also by Tribal Council and Leadership. This was prioritized as the appropriate project for several reasons: 1. with some homes being metered, and others not, it is necessary that all homes be metered before appropriate usage data and possible loss data can be conclusively

analyzed. 2. The current fee schedule does not compensate appropriately for water and wastewater infrastructure upgrades and maintenance. The Utility Program is a constant and substantive draw on the Pueblo’s general fund. In order to supplement that, meters must be in place. 3. There is currently no appropriate demand data. Without this data, the Pueblo cannot appropriately model the groundwater supply in relation to demand. 4. There was no other project as basically necessary as this project. To future projects, this project must be completed first to lend knowledge and data to future projects.

E.1.3 Project Implementation

This project will be implemented in two parts. First, meters will be installed at 40 homes. After the meters are installed data will be collected from each meter weekly for a six-month period. This will be combined with data from the 40 meters installed during Phase I. A report will be generated detailing water usage and any other valuable data trends will be created. After the 6-month period, meter data collection will occur monthly.

Each meter takes approximately one day to install. Meters will be installed consecutively for 40 days by 2 or 3 utility operators. Prior to installation, acquisition of parts takes approximately two weeks. Clearance for the project should take approximately 20 days for all clearances to be complete.



E.1.4 Nexus to Reclamation

The Pueblo of Zia does not currently receive Reclamation project water.

The Bureau of Reclamation is currently working with the Pueblo to do several other projects, mostly involving irrigation infrastructure. The Pueblo of Zia is dedicated to conserve water in all areas; both domestic and agricultural, particularly in a changing climate. We are currently working towards reconstructing the Zia Flume to mitigate against current water losses as well as removal of an old diversion dam and implementation of grade control in order to increase efficiency and prevent from eroding the stream bank of the Jemez River. The Pueblo is very

familiar with the administration of Bureau of Reclamation grants as it has administered these grants in the past.

This project will contribute water to the groundwater basin by minimizing losses in the system and keeping all unnecessary water in the groundwater system. Although this is separate from the surface water projects currently being undertaken by the Bureau of Reclamation, the surface water and groundwater connections in the arid southwest are extremely important and the impacts from one to the other is critical.

E.1.5 Department of the Interior Priorities

This project falls within the Department of the Interior Priority to modernize our infrastructure. The Pueblo of Zia greatly lacks modern infrastructure, not the least of which is the lack of properly functioning water meters. With other water infrastructure improvements, including water tank upgrades, meters would bolster the efficiency of the Pueblo's water system and modernize our system further.

PROJECT BUDGET

The project detail in this section includes the funding plan and letters of commitment, budget proposal and budget narrative. The proposed budget does not include pre-award costs. All budget items have been reviewed as compliant with the applicable cost principles established in 2 CFR part 200.

Funding Plan & Letters of Commitment

The proposed metering of Zia Pueblo households is a high priority project critical to the Pueblo’s growth and infrastructure improvement. Because of this the Tribal Council and leadership have expressed the importance of moving forward with this proposal and obtaining the associated funding. This was demonstrated by the passing of Resolution 19-02 (attached). This effort has also been supported by IHS, as evidenced by their participation in installing several meters in the past.

For this project, the funding is broken down as follows:

Bureau of Reclamation, WaterSmart Small-Scale Water Efficiency Award- The requested funding of \$73,0000 is 47% of the overall project budget.

Pueblo of Zia- The Pueblo is contributing a total of \$80,851 53% of the total project cost. This will be provided through the Pueblo’s General Fund in the form of labor, fringe benefits and Indirect Cost support.

Budget Proposal

Total Project Cost

The total project cost estimated is \$153,851. The following table provides a breakdown of that total. This is broken down into The Federal funding being requested in this proposal as well as the non-Federal amount being provided by the Pueblo. There are no other funding sources for this project.

Table 1. Total Project Cost Table

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal Funding	\$73,000
Costs to be paid by applicant	\$80,851
TOTAL PROJECT COST	\$153,851

Budget Proposal

The budget proposal is detailed in Tale 2 and includes the pueblo of Zia’s Administration costs, being used as the 50% match on the project and the estimated materials and supply costs for the project.

PUEBLO OF ZIA METERING
Project Budget

Pueblo of Zia Proposal
 FOA No. BOR-DO-19-F005

Table 2. Budget Proposal

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type (Unit)	TOTAL COST
	\$/Unit	Quantity		
Pueblo of Zia Salaries and Wages (MATCH)				
Jesse Young Manager , Environmental Resources & Public Works (Oversight, Report Generation)	\$38.00	320	Hour	\$12,160
Andrew Toribio, Public Works Manager Project Manager (Installation Oversight, data compilation)	\$25.00	320	Hour	\$8,000
Sidney Shije, Utilities Supervisor (Installation)	\$19.00	320	Hour	\$6,080
Anthony Toribio, Operator (Installation and meter Reading)	\$18.00	190	Hour	\$3,420
Leland Gachupin, Operator (Installation)	\$17.00	160	Hour	\$2,720
Patrick Shije, Operator (Installation)	\$16.00	160	Hour	\$2,560
Marlen Pino, Operator (Installation)	\$15.00	160	Hour	\$2,400
Office Coordinator	\$13.00	32	Hour	\$416
Pueblo of Zia Fringe Benefits (MATCH)				
Full-Time Employees	28.06%	\$38,756	Percent	\$10,875
Travel				
None Requested				\$0.00
Equipment				
None Requested				\$0.00
Supplies and Materials (Estimate Attached)				
Pack Joint No Lead Coupling PJ-7xPK-7	\$98.00	40	Unit	\$3,920
Poly Pipe 1-1/2"	\$150.00	40	Unit	\$6,000
Pack Joint No Lead Coupling MIPTxPJ-7	\$74.00	80	Unit	\$5,920
Insert Stiffeners	\$3.25	160	Unit	\$520
Setter No Lead	\$921.00	40	Unit	\$36,840
Badger M170 Low Lead Meter	\$495.00	40	Unit	\$19,800
Contractual / Construction				
None Requested				\$0.00
Other				
None requested				\$0.00
TOTAL DIRECT COSTS				\$121,631
Pueblo of Zia Indirect Costs (MATCH)				
Current Negotiated Rate	26.49%	\$121,631	Percent	\$32,220
TOTAL ESTIMATED PROJECT COSTS				\$153,851

Budget Narrative

The budget narrative provides details on the budget proposal summarized in the preceding table. All costs comply with the cost principles established in 2 CFR Part 200.

Salaries and Wages

The salary and wages included in the budget include the key personnel – the Project Manager and his supervisor, the Program Director – and supporting personnel (supervisor and operators). All Pueblo labor will be directly in support of the project and is provided as in-kind contribution by the Pueblo.

Fringe Benefits

The tribal fringe benefit is 28.06%, and includes health (17.19%), State unemployment (3.00%), Social Security ((6.20%), Medicare (1.45%) and workers compensation (0.22%). This rate is applicable to each of the employees shown in the budget.

Travel

There is no request for travel included in the budget. The project is located on Pueblo lands and staff have Pueblo-assigned vehicles and fuel allocated through their program budgets. Travel required for the contractors is incorporated in the design and construction contract estimates.

Equipment

There is no request for equipment included in the budget. There are no equipment purchases, rentals or leases anticipated for staff supporting this project. Equipment utilized by contractors is incorporated in the design and construction contract estimates.

Materials and Supplies

Materials and supplies requested are strictly for the meters and their installation. The quote detailing the parts is attached.

Contractual

There is no requested for contractual included in the budget. There will be no contractual agreements in support of the project.

Third party In-Kind Contributions

The in-kind contributions to this proposal are on behalf of the Pueblo from the General Fund in the form of labor, fringe benefits and indirect cost support.

Environmental and Regulatory Compliance Costs

There will be no Environmental and Regulatory Compliance Costs Associated with this project and therefore none were requested in this proposal.

Other Expenses

There are no other project expenses.

PUEBLO OF ZIA METERING

Project Budget

FOA No. BOR-DO-19-F005

Pueblo of Zia Proposal

FOA No. BOR-DO-19-F005

Indirect Costs

The Pueblo of Zia's current *Indirect Cost Negotiation Agreement* (Attached) with the Department of the Interior, Interior Business Center, was issued 4 September 2019 for the 2019calendar year. The indirect cost rate is 26.49%, shown in the budget proposal (Table 2). Indirect cost is being used as a match in this proposal.

ENVIRONMENTAL & CULTURAL RESOURCES COMPLIANCE

The sites where installation is to occur are on previously established, currently inhabited home sites. For this reason, additional environmental and cultural clearance should not have to be obtained. The Pueblo will check with the Bureau of Indian Affairs to locate the previous clearances for each site. If each cannot be located, sites will be re-cleared as a precaution. Cultural Clearance will be handled by the Pueblo of Zia's Tribal Historic Preservation Office (THPO). There should be no cultural concern in the installation areas as these are previously disturbed areas that are currently inhabited home sites. However, just to be thorough, an additional clearance will be conducted. If additional clearances are necessary, assistance with the process will be requested from the Bureau of Reclamation.

REQUIRED PERMITS & APPROVALS

The main permit that will be required for the project will be the permit through BIA to dig the trenches for the lines. It is expected that the BIA will not require the permits in this instance due to the nature of the project and the pre-disturbance in the area.

LETTERS OF PROJECT SUPPORT

There were no letters of support received by the Pueblo at the time of submission of this proposal.

PUEBLO OF ZIA METERING

Official Resolution

Pueblo of Zia Proposal

FOA No. BOR-DO-19-F005

OFFICIAL RESOLUTION

The governor could not obtain a resolution given the time restraints and has attached the following letter instead. A resolution is forthcoming.



NEGOTIATED IDC

**Indian Organizations
Indirect Cost Negotiation Agreement**

EIN: 85-0216432

Organization: Pueblo of Zia 135 Capitol Square Drive Zia Pueblo, NM 87053-6013	Date: September 4, 2019 Report No(s): 19-A-1208 (19C) Filing Ref.: Last Negotiation Agreement dated May 17, 2018
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The indirect cost rate contained herein is for use on grants, contracts, and other agreements with the Federal Government to which Public Law 93-638 and 2 CFR Part 200 apply for fiscal years beginning on or after December 26, 2014 subject to the limitations contained in 25 CFR 900 and Section II.A. of this agreement. Applicable OMB Circulars and the regulations at 2 CFR 225 will continue to apply to federal funds awarded prior to December 26, 2014. The rate was negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in applicable regulations.

Section I: Rate

Type	Effective Period		Rate*	Locations	Applicable To
	From	To			
Fixed Carryforward	01/01/19	12/31/19	26.49%	All	All Programs

***Base:** Total direct costs, less capital expenditures and passthrough funds. Passthrough funds are normally defined as payments to participants, stipends to eligible recipients, or subawards, all of which normally require minimal administrative effort.

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

Section II: General

A. Limitations: Use of the rate(s) contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rate(s) agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

B. Audit: All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.

C. Changes: The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was submitted. Changes in the method of accounting for costs that affect the amount of reimbursement resulting from use of the rate(s) in this agreement may require the prior approval of the cognizant agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. Rate Type:

1. **Fixed Carryforward Rate:** The fixed carryforward rate is based on an estimate of costs that will be incurred during the period for which the rate applies. When the actual costs for such period have been determined, an adjustment will be made to the rate for a future period, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.

2. **Provisional/Final Rate:** Within six (6) months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.

3. **Predetermined Rate:** A predetermined rate is an indirect cost rate applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment. (Because of legal constraints, predetermined rates are not permitted for Federal contracts; they may, however, be used for grants or cooperative agreements.)

E. Rate Extension: Only final and predetermined rates may be eligible for consideration of rate extensions. Requests for rate extensions of a current rate will be reviewed on a case-by-case basis. If an extension is granted, the non-Federal entity may not request a rate review until the extension period ends. In the last year of a rate extension period, the non-Federal entity must submit a new rate proposal for the next fiscal period.

F. Agency Notification: Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.

G. Record Keeping: Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.

H. Reimbursement Ceilings: Grantees/contractor program agreements providing for ceilings on indirect cost rates or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

Section II: General (continued)

Page 3 of 3

I. Use of Other Rates: If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the affected programs, and the approved rate(s) should be used to identify the maximum amount of indirect cost allocable to these programs.

J. Other:

1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.

2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate(s) if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.

3. Each Indian tribal government desiring reimbursement of indirect costs must submit its indirect cost proposal to our office within six (6) months after the close of the Tribe's fiscal year, unless an exception is approved.

Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the Indian Organization:

By the Cognizant Federal Government Agency:

Pueblo of Zia
Tribal Government Agency

U.S. Department of the Interior
Interior Business Center

 /s/

DORIS JENSEN Digitally signed by DORIS JENSEN
Date: 2019.09.04 15:09:17 -0700 /s/

Signature
ANTONIO MEDINA
Name (Type or Print)

Signature for
Craig A. Wills
Name

GOVERNOR
Title

Division Chief
Indirect Cost Services Division
Title

9/4/19
Date

Negotiated by Omar Sheyyab
Telephone (916) 930-3806

PUEBLO OF ZIA METERING

Cost Estimate

Pueblo of Zia Proposal

FOA No. BOR-DO-19-F005

COST ESTIMATE



4320 Second St. NW
 Albuquerque, New Mexico 87107
 (505) 884-0990
 Toll Free in N.M. 1 (800) 262-9337
 FAX (505) 881-4615

Estimate	048449
Date	2/24/2020
Page	1

**PLEASE DO NOT
 PAY FROM THIS
 SALES ORDER**

Bill To:

ZIA, PUEBLO OF
 135 CAPITAL SQ. DR.
 ZIA PUEBLO NM 87053-8013

Ship To:

ZIA, PUEBLO OF
 135 CAPITAL SQ. DR.
 ZIA PUEBLO NM 87053

Purchase Order No.	Account Number	Ordered By	Job Name / Number	Ship Via	Exp. Date	Salesperson
	AZ8673304	ANDREW	NEW SERVICE	W/C	2/24/2020	BEAR
Quantity	Item Number	Description		UOM	Unit Price	Ext. Price
1	C66-66-IDR7-NL	PACK JOINT NO LEAD COUPLING 1.50" PJ-7xPJ-7 STRAIGHT CPLG 1-		EA	\$98.00	\$98.00
1	PEIP-150100-NM	HDPE SIDR-7 PE4710 POLY PIPE 1-1/2" x 100' RL IP 250 PSI		RL	\$150.00	\$150.00
2	C66-66-IDR7-NL	PACK JOINT NO LEAD COUPLING 1.50" MIPTxPJ-7 STRAIGHT CPLG 1-		EA	\$74.00	\$148.00
4	IS-74	INSERT STIFFENERS IPS #74 FOR 1-1/2" IPS POLY PIPE		EA	\$3.25	\$13.00
1	VBHH76-12-11-66-NL	SETTER NO LEAD 1-1/2" x 12" - FL BALL VLV, FL ANGLE DUAL CHECK		EA	\$921.00	\$921.00
1	WMM120-E01LL	BADGER M120 1-1/2" LOW LEAD MTR - LOCAL USG, PL, PS, TEST 13"		EA	\$495.00	\$495.00

By signing I state that I am a representative of the entity listed above. I agree and accept all of the terms stated on the back of the contract. I further assure Baker Utility that if a government Type 9 NTTC has been issued to deduct taxes, that none of the property listed above is construction material as defined in Section 7-9-3.4-NMSA 1978 or will be used in a construction project. I also agree that all items above are accounted for and received in an acceptable condition, as well as true and correct.

Subtotal	\$1,825.00
Misc	\$0.00
Tax	\$0.00
Freight	\$0.00
Trade Discount	\$0.00
Total	\$1,825.00

Signature _____ Date _____
 Print Name _____

PUEBLO OF ZIA METERING
Negotiated IDC

Pueblo of Zia Proposal
FOA No. BOR-DO-19-F005

Meter Project Phase II

Legend

 Project Area





135 CAPITOL SQUARE DRIVE
ZIA PUEBLO, NM 87053-6013

PHONE (505) 867-3304
FAX (505) 867-3308

MAR 03 2020

To Whom it May concern:

The Pueblo of Zia realizes that a requirement of this grant opportunity is to acquire a Resolution from Tribal Council. Due to the fact that council is held irregularly and the early timing of the grant submission deadline, we were not able to obtain a resolution on time. Please accept this letter as assurance that a resolution will be obtained and submitted to the appropriate contact by April 3, 2020. We realize the importance of this requirement and intend to fulfil it. If you have questions please call me at (505)337-2100 or email me at governor@ziapueblo.org.

Respectfully,

St Gov. Carl Stone
For Frederick Medina

Governor

Pueblo of Zia

**Indian Organizations
Indirect Cost Negotiation Agreement**

EIN: 85-0216432

Organization:

Pueblo of Zia
135 Capitol Square Drive
Zia Pueblo, NM 87053-6013

Date: September 4, 2019

Report No(s) .: 19-A-1208 (19C)

Filing Ref.:

Last Negotiation Agreement
dated May 17, 2018

The indirect cost rate contained herein is for use on grants, contracts, and other agreements with the Federal Government to which Public Law 93-638 and 2 CFR Part 200 apply for fiscal years beginning on or after December 26, 2014 subject to the limitations contained in 25 CFR 900 and Section II.A. of this agreement. Applicable OMB Circulars and the regulations at 2 CFR 225 will continue to apply to federal funds awarded prior to December 26, 2014. The rate was negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in applicable regulations.

Section I: Rate

Type	Effective Period		Rate*	Locations	Applicable To
	From	To			
Fixed Carryforward	01/01/19	12/31/19	26.49%	All	All Programs

***Base:** Total direct costs, less capital expenditures and passthrough funds. Passthrough funds are normally defined as payments to participants, stipends to eligible recipients, or subawards, all of which normally require minimal administrative effort.

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

Section II: General

Page 1 of 3

A. Limitations: Use of the rate(s) contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rate(s) agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

B. Audit: All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.

C. Changes: The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was submitted. Changes in the method of accounting for costs that affect the amount of reimbursement resulting from use of the rate(s) in this agreement may require the prior approval of the cognizant agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. Rate Type:

1. **Fixed Carryforward Rate:** The fixed carryforward rate is based on an estimate of costs that will be incurred during the period for which the rate applies. When the actual costs for such period have been determined, an adjustment will be made to the rate for a future period, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.

2. **Provisional/Final Rate:** Within six (6) months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.

3. **Predetermined Rate:** A predetermined rate is an indirect cost rate applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment. (Because of legal constraints, predetermined rates are not permitted for Federal contracts; they may, however, be used for grants or cooperative agreements.)

E. Rate Extension: Only final and predetermined rates may be eligible for consideration of rate extensions. Requests for rate extensions of a current rate will be reviewed on a case-by-case basis. If an extension is granted, the non-Federal entity may not request a rate review until the extension period ends. In the last year of a rate extension period, the non-Federal entity must submit a new rate proposal for the next fiscal period.

F. Agency Notification: Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.

G. Record Keeping: Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.

H. Reimbursement Ceilings: Grantee/contractor program agreements providing for ceilings on indirect cost rates or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

I. Use of Other Rates: If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the affected programs, and the approved rate(s) should be used to identify the maximum amount of indirect cost allocable to these programs.

J. Other:

1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.

2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate(s) if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.

3. Each Indian tribal government desiring reimbursement of indirect costs must submit its indirect cost proposal to our office within six (6) months after the close of the Tribe's fiscal year, unless an exception is approved.

Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the Indian Organization:

By the Cognizant Federal Government Agency:

Pueblo of Zia
Tribal Government Agency

U.S. Department of the Interior
Interior Business Center

 /s/

_____/s/

Signature
ANTONIO MEDINA

Signature for
Craig A. Wills

Name (Type or Print)

Name

GOVERNOR

Division Chief
Indirect Cost Services Division

Title

Title

9/4/19
Date

Negotiated by Omar Sheyyab
Telephone (916) 930-3806



4320 Second St. NW
 Albuquerque, New Mexico 87107
 (505) 884-0990
 Toll Free in N.M. 1 (800) 262-9337
 FAX (505) 881-4615

Estimate	048449
Date	2/24/2020
Page	1

**PLEASE DO NOT
 PAY FROM THIS
 SALES ORDER**

Bill To:

Ship To:

ZIA, PUEBLO OF
 135 CAPITAL SQ. DR.
 ZIA PUEBLO NM 87053-6013

ZIA, PUEBLO OF
 135 CAPITAL SQ. DR.
 ZIA PUEBLO NM 87053

Purchase Order No.	Account Number	Ordered By	Job Name / Number	Ship Via	Exp. Date	Salesperson
	AZ8673304	ANDREW	NEW SERVICE	W/C	2/24/2020	BEAR
Quantity	Item Number	Description	UOM	Unit Price	Ext. Price	
1	C66-66-IDR7-NL	PACK JOINT NO LEAD COUPLING 1.50" PJ-7xPJ-7 STRAIGHT CPLG 1-	EA	\$98.00	\$98.00	
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Print Name

Meter Project Phase II

Legend

-  HWY 550
-  Project Area



Zia Pueblo