

NOTIFICATION REGARDING SUBMISSION PROCESS AND REGISTRATION INSTRUCTIONS

The Incorporated County of Los Alamos ("County") has recently implemented a new on-line eProcurement portal. This new platform, Euna Procurement powered by Bonfire, provides the County's electronic Bid and Proposal process ("County's Procurement Portal"). It is where the County will post solicitation opportunities, including Invitation for Bids (IFB), Request for Proposals (RFP), Request for Qualifications (RFQ) and Request for Information/Interest (RFI). The County's Procurement Portal will streamline the County's Bid process for Bid or Proposal submission, acceptance, evaluation, and award. For vendors, the County's Procurement Portal will enhance communication, allow for fast and accurate Bids and Proposals, and provide automatic notification about projects.

Registered vendors will view and submit Bids and Proposals electronically. The past practice of submitting electronic Bids and Proposals by email or submitting paper Bids and Proposals is being phased out. If you are seeing this notification in a solicitation document, **submissions will be accepted ONLY electronically through the County's Procurement Portal for this solicitation.** It is every Offeror's responsibility to read, understand, and submit Bids and Proposals in accordance with the instructions provided in and specific to each solicitation document.

Requested Action: Please register as a vendor on the County's Procurement Portal by visiting <https://losalamosnm.bonfirehub.com> and click on "Register". Registration is free and only takes a few minutes. Please be sure to select the applicable NIGP: The Institute for Public Procurement ("NIGP") Commodity Codes for your business when you are prompted so that you can receive notification of recommended opportunities when they are sent out by the County to the NIGP Commodity Codes you have selected.

Already Have a Bonfire Vendor Account? If you already have a Bonfire vendor account and are already registered for another agency's portal, you will still need to visit the County's Procurement Portal at <https://losalamosnm.bonfirehub.com> and click on "Log In" to provide County-requested information, view open opportunities, receive opportunity notifications, and submit Bids and Proposals through the County's Procurement Portal. You will be able to manage the multiple agencies with whom you do business through the button labelled "My Supplier Hub" in your Bonfire account.

For Bonfire Support, visit the Vendor Help Center at <https://vendorsupport.gobonfire.com> where you can view support articles and videos and search FAQ's on all aspects of Bonfire. For personal assistance, you can email Support.Bonfire@eunasolutions.com. Support is available Monday to Friday from 6:00 a.m. to 6:00 p.m. Mountain Time.

NEEDS STATEMENT

The Incorporated County of Los Alamos ("County") is requesting Proposals from qualified and experienced firms to perform a condition assessment of the Abiquiu and El Vado Hydroelectric Plants in northern New Mexico. The assessment will include equipment testing, equipment inspection and site-specific evaluations. The final deliverable will be a professional report presenting the findings of the inspections, testing, analysis, recommended actions and a prioritized capital improvement plan to address the significant findings prioritized with cost estimates.

SOLICITATION INFORMATION	
Solicitation No.	RFP26-60
Solicitation Title	Abiquiu and El Vado Hydroelectric Plants Condition Assessment
Single-step or Multi-step	Single-step
Requesting Dept.	Department of Public Utilities
SOLICITATION SCHEDULE	
Advertised	March 15, 2026
Pre-Proposal Conference	Non-Mandatory April 1, 2026 @ 1:00 p.m. Mountain Time Virtual https://teams.microsoft.com/meet/21417682467408?p=QfTljet3V2UMA9Xh6S
Question Submission Deadline	April 9, 2026 @ 2:00 p.m. Mountain Time
Responses to Questions Issued by County	April 15, 2026 @ 2:00 p.m. Mountain Time County reserves the right to issue responses at any time prior to this date.
Proposal Due Date and Closing	April 21, 2026 @ 2:00 p.m. Mountain Time Late responses will not be considered
CONTACT INFORMATION	
Procurement Contact Name	Jeffrey Culin
Title	Procurement Operations Manager
E-Mail	jeffrey.culin@losalamosnm.gov
Phone No.	505.661-4568
ESTIMATED PROCESS SCHEDULE AFTER CLOSING	
The estimated dates of the solicitation process after closing are tentatively planned as follows, are provided here for informational purposes only, and at County's discretion, may be subject to change without prior notification. Discussions may be conducted with responsible offerors who submit Proposals determined to be reasonably likely to be selected for award for the purpose of clarification to ensure full understanding and conformation with the solicitation requirements for the purpose of obtaining best and final offers.	
Proposal Evaluation	April 22, 2026 to April 24, 2026
Contract Drafting, Legal Review, and Negotiations	April 27, 2026 to May 8, 2026
Board of Public Utilities ("BPU") Approval	Required for Department of Public Utilities contracts >\$100,000.00 May 20, 2026
County Council Approval	Required for contracts >\$300,000.00 June 9, 2026
Estimated Contract Award	June 10, 2026

1. **ELECTRONIC SUBMISSIONS**

A full copy of the solicitation and all associated documents can be found on the County's Procurement Portal at <https://losalamosnm.bonfirehub.com/>. **Only Proposals submitted through the County's Procurement Portal by the Proposal Due Date stated herein, or as may be modified by addendum, will be considered.** Late responses will not be considered. To register to view and download solicitation documents and submit a Proposal through the County's Procurement Portal, follow the instructions on page 1 of this solicitation.

2. **ADDITIONAL DOCUMENTS AND INFORMATION INCLUDED AS A PART OF THIS RFP**

Additional documents are referenced in this RFP, which may include, but are not limited to, exhibits, attachments, links to documents online, and documents that are provided through the County's Procurement Portal. Any such documents are considered to be a part hereof and constitute, along with this solicitation document and any addenda, the complete solicitation package. Documents required to be submitted as a component of Offeror's Proposal will be noted as such in each individual solicitation posted on the County's Procurement Portal, and Offerors will be unable to submit their Proposals through the County's Procurement Portal until all required documents and information have been uploaded or provided by Offerors.

Please also reference "Proposal Format and Response Components" below.

3. **QUESTIONS**

Any questions must be received in writing at least five (5) business days prior to the submission due date, unless otherwise stated herein or in an addendum. **Questions must be submitted through the County's Procurement Portal.** Please follow the instructions on page one (1) of this document to register for the County's Procurement Portal to submit written questions. Offerors who submit questions via e-mail or by phone shall be redirected to submit written questions through the County's Procurement Portal.

Offerors must submit in writing through the County's Procurement Portal, as stated herein, any questions or requested clarification necessary for Offeror to provide a complete response with all Proposal response components and pricing included. Offerors are asked to refrain from including in Proposals statements such as "more information available upon request," "pricing to be determined," or other similar statements. Such statements and failure of Offeror to seek clarification needed for Offeror to provide the requested information may result in an Offeror being found non-responsive or non-responsible. This in no way may be construed to conflict with County's right to hold interviews and discussions for clarification with Offerors, as further described herein.

4. **PRE-PROPOSAL CONFERENCE**

The County will hold an optional, non-mandatory pre-Proposal conference via a virtual format on the date and time noted in the Solicitation Schedule for this RFP and on the County's Procurement Portal. The purpose of this conference is to allow potential Offerors to ask questions regarding this RFP and the County's RFP process. Information about the virtual meeting will be sent to all entities that have registered for this solicitation opportunity through their County Procurement Portal Vendor Account. County reserves the right to send pre-Proposal conference information to any vendors or requesting individuals.

5. **SINGLE-STEP PROCESS**

This is a single-step RFP.

6. DEMONSTRATION INFORMATION

Demonstrations are not planned for this RFP.

7. GENERAL INFORMATION

7.1. **About Los Alamos County.** The Incorporated County of Los Alamos is situated at the foot of the Jemez Mountains on the Pajarito Plateau with an elevation ranging from 6,200 feet to 9,200 feet. Los Alamos is an incorporated county, established under a special provision of the State constitution, giving it both county and municipal authority and powers. Two distinct communities, Los Alamos Town site and White Rock, each with its own visitor center, are home to ~19,000 people. Los Alamos is mostly known for the historic accomplishments of its largest employer, Los Alamos National Laboratory, and continues to gain notice for its vast scenic assets and recreational opportunities. Visit the Los Alamos County website (www.losalamosnm.us) and the tourism website (www.visitlosalamos.org) for more information.

7.2. Unless otherwise defined, the following terms may be used interchangeably throughout this RFP:

"Offeror," "Contractor," and "Vendor"
"Proposal," "Response," and "Submittal"
"Software," "Solution," and "System"
"Project" and "Services"
"RFP" and "Solicitation"

7.3. The County invites Proposals from all qualified respondents. No Proposal may be withdrawn after the scheduled closing time. Proposals will not be accepted after the scheduled closing time. Please make note of the submittal requirements outlined in this solicitation. Read and follow the instructions carefully. Include the required documents stated in this RFP as part of your submittal packet. Any misinterpretation or failure to comply with the submittal requirements could result in rejection of the Proposal. Proposal preparation is at the Offeror's expense.

7.4. Any change(s) to the solicitation will be conveyed through the written addenda process. Read carefully and follow all instructions provided on any addendum, as well as the instructions provided in the original solicitation. Offerors are expected to acknowledge receipt of addenda by submitting signed copies of addenda with the submitted Proposal.

7.5. County reserves the right, at its sole discretion, to accept or reject any Proposals; to waive any and all irregularities in any or all statements or Proposals; to request additional information from any or all respondents; and to award a contract to the responsible Offeror whose Proposal is most beneficial to County. While County intends to execute a contract for the services listed herein, nothing in this document shall be interpreted as binding County to enter into a contract with any Offeror.

7.6. Proposals are Public Records. Pursuant to the New Mexico Inspection of Public Records Act, NMSA 1978, Chapter 14, Article 2, all materials submitted under this RFP shall be presumed and considered public records. Except to the extent any information may be protected by state or federal law, Proposals shall be considered public documents and available for review and copying by the public. County declines to sign any non-disclosure agreements or confidentiality agreements submitted by potential Offerors. If an Offeror fails to submit information requested in the RFP that Offeror considers to be confidential, the County reserves the right to find any Offeror's Proposal non-responsive or non-responsible based on the information provided in or excluded from Offeror's response.

7.7. Pursuant to County Ordinance, **the use of a cost-plus-a-percentage-of-cost contract is prohibited.**

- 7.8. Offerors are informed that State law requires that all foreign corporations (NMSA 1978 §53-17-5) and limited liability corporations (NMSA 1978 §53-19-48) procure a certificate of authority to transact business in the state prior to transacting business in the State of New Mexico.
- 7.9. The Chief Purchasing Officer has determined a preference is applicable to this solicitation. Offerors must submit a written request for preference, using the Request for Preference form provided through the County's Procurement Portal, with a copy of the applicable state-issued preference certificate, with its Proposal to qualify for preference. Ref. County Code Section. 31-261(b) and Section 13-1-21 NMSA 1978 et al.

8. PROPOSAL REVIEW AND EVALUATION

Proposals shall be handled so as to prevent disclosure of the identity of any Offeror or the contents of any Proposal to competing Offerors during the process of negotiation.

After the RFP has closed, Procurement Division staff prepares a register of Proposals containing the name of each Offeror, the number of modifications received, if any, and a description sufficient to identify the item offered. The register of Proposals is open to public inspection only after contract award. Procurement Division staff releases Proposals to the Evaluation Committee. The Evaluation Committee reviews and evaluates the submittals. If interviews are conducted, they may only be for the purpose of clarification and may be used for adjusting the final score. Discussions may be conducted with responsible offerors who submit Proposals determined to be reasonably likely to be selected for award for the purpose of clarification to ensure full understanding and conformation with solicitation requirements for the purpose of obtaining best and final offers. For proposals that qualify for Preference, as described in the Request for Preference form provided through the County's Procurement Portal, preference factors will be applied as applicable in accordance with the most current County Code Section 31-261(b) and NMSA 1978 Section 13-1-21 et al., as may be modified from time to time.

The Evaluation Committee Chairperson provides final evaluation results to the Procurement Division. Award shall be made to the responsible Offeror whose Proposal is determined in writing by the Evaluation Committee to be the most advantageous to the County, taking into consideration the evaluation criteria set forth in the solicitation.

9. AWARD OF SOLICITATION

Following award of the solicitation, the successful Offeror will be required to execute a contract with County in accordance with the terms and conditions set forth in the Sample Agreement, which is provided through the County's Procurement Portal. Offerors must identify any exception or other requirements, if any, to the terms and provisions in the Services Agreement, along with proposed alternative language addressing the exception. County, as a governmental entity, is subject to certain laws and prohibitions and may, but is not required to, negotiate changes in contract terms and provisions, but will not agree to language that is in violation of the law. The Agreement as finally agreed upon must be in form and content acceptable to County.

10. OBLIGATIONS OF FEDERAL CONTRACTORS AND SUBCONTRACTORS; CONTRACT CLAUSES

Federal Contractors and Subcontractors shall abide by applicable state and federal requirements, which may include but are not limited to all the provisions set forth in 29 CFR Part 471, Appendix A to Subpart A, and may be required to be included or incorporated by reference into the Agreement.

11. ILLEGAL ACTS

The County Procurement Code, Article 9, imposes remedies and penalties for violation of the County Code. In addition, New Mexico criminal statutes impose felony penalties for illegal bribes, gratuities, and kickbacks.

12. CERTIFICATION FORM REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

Offerors are requested to complete the Certification Regarding Debarment, Suspension, and Other Responsibility Matters Form, provided through the County's Procurement Portal, and submit with the Proposal. If this completed document is not included with the Proposal, it must be provided prior to the evaluations of the received Proposals, otherwise the Offeror's Proposal will not be considered. This Form serves as a warrant of the Offeror's responsibility and may not necessarily preclude the Offeror from consideration for award.

13. CAMPAIGN CONTRIBUTION DISCLOSURE FORM

A Campaign Contribution Disclosure Form is provided through the County's Procurement Portal. Offerors are requested to complete and submit with the Proposal. If the Form is not submitted with the Proposal, upon award, Contractor must submit this form prior to County's obligation to pay for the services.

14. VERIFICATION OF AUTHORIZED OFFEROR

A Verification of Authorized Offeror Form is provided through the County's Procurement Portal. Offerors are requested to complete and submit with the Proposal. This Form provides County with the name and information of the authorized Officer who can obligate the selected firm in providing the services to the County.

15. BACKGROUND INFORMATION RELATED TO THE SCOPE OF WORK OR SERVICES

Background

The Incorporated County of Los Alamos Department of Public Utilities (DPU) owns and operates two run of the river hydroelectric plants on the Rio Chama in northern New Mexico. The El Vado hydroelectric plant is located 9 miles west of Tierra Amarilla, NM at the El Vado Dam which is operated by the U.S. Bureau of Reclamation. The Abiquiu hydroelectric plant is located in Abiquiu, NM at the Abiquiu Dam which is owned and operated by the U. S. Army Corps of Engineers. Los Alamos County operates both plants under the provisions set forth in a Memorandum of Agreement with the dam operator for each plant. The Federal Energy Regulatory Commission (FERC) has jurisdiction over both plants. Generation from the two hydroelectric plants serve the electric load in Los Alamos County which consists of Los Alamos County retail customers accounting for 20% of total demand and Los Alamos National Laboratory that accounts for 80% of total demand. The plants are generation resources managed by a power pool comprised of Department of Energy, Los Alamos National Laboratory and The Incorporated County of Los Alamos.

The Abiquiu hydroelectric plant was commissioned in 1989. A third low-flow unit was commissioned in 2011. The Abiquiu project is operated under FERC Permit No. 7396. Characteristics of the Abiquiu hydroelectric plant are provided below.

Abiquiu	Unit 1	Unit 2	Unit 3
Type	Francis	Francis	Francis - horizontal
RPM	400	400	600
Rated Head	174 Feet	174 Feet	170 Feet
Flow Range	235-550 CFS	235-550 CFS	75-235 CFS
Manufacturer	Harbin (Chinese)	Harbin (Chinese)	Andritz
Commissioned	1989	1989	2011
Generator	Harbin (Chinese)	Harbin (Chinese)	Indar
Rated Power	6.9MW	6.9MW	3.1MW
Rated Voltage	4160	4160	4160

The El Vado hydroelectric plant was commissioned in 1987. The El Vado project is operated under FERC Permit No. 5226. Characteristics of the El Vado hydroelectric plant are provided below.

El Vado	Unit 1
Type	Kaplan
RPM	300
Rated Head	105 Feet
Flow Range	200-1200 CFS
Manufacturer	Voith
Commissioned	1987
Generator	National Industries
Rated Power	8.0 MW
Rated Voltage	4160

The two hydroelectric plants are staffed with three operators. Two are normally stationed at the El Vado Plant and one at the Abiquiu Plant. All three operators support both plants and work between the two plants as needed. The plants are normally staffed from 7:00AM to 3:30 PM Monday through Friday and one plant operator is on-call after hours and weekends. The plants are monitored and operated after hours from the Los Alamos County Electric Dispatch Center located in Los Alamos, NM. Remote operation and monitoring capabilities are through supervisory controls and data acquisition system (SCADA).

Major Maintenance, Testing and Capital Projects

The DPU has completed a number of major maintenance, testing and capital improvements over the years as either planned reliability improvements or due to equipment failure. Consideration of these improvements in assessing the condition of each plant, plant reliability and economic planning of future budgets is critical. The table below summarizes the major maintenance and capital improvements that have taken place at the Abiquiu Plant and the El Vado Plant.

Abiquiu	
Year	Description
1999	Generator and HV Maintenance and Short Circuit Analysis & Coordination Study
2002	New Batteries
2002	Digital Governor Upgrade

2004	Rebuild Unit #2 TSV Hydraulic Cylinder
2005	Coyote Junction RTU Replacement
2005	Replace Transmission Line Poles, Conductors & Fiber Optic – Approx. 50%
2006	Rebuild Unit #1 Wicket Gate Hydraulic Cylinders (Both)
2009	Recoat Spiral Cases / Recoat Cone Valve and Bolt Replacement
2010	SCADA MCC Replacement/Upgrade
2010	Rebuild Unit #2 Wicket Gate Hydraulic Cylinders (Both)
2010	Transmission Line Pole Inspection
2011	Energy Dissipating Chamber Concrete Repair
2011	Replacement Transformer Purchased
2011	Installation of 3 rd Unit Low-Flow
2012	New Battery Charger
2012	Rebuild Unit #1 Wicket Gate Hydraulic Cylinder (1 of 2)
2014	Upgrade Mechanical Relays with Solid State Devices
2015	Switchyard Jib Crane
2016	Back-up Generator
2017	Battery Replacement – 24V Controls
2018	Controls System Upgrade
2022	Exterior Painting
2023	Main Transformer Replacement
2025	Fire Protection Improvements / Office Expansion
2026	Wicket Gate Servo Motor Replacement
2026	Unit 3 Draft-Tube and Discharge Oxygen Enrichment System Replacement

El Vado	
Year	Description
1999	Generator and HV Maintenance and Short Circuit Analysis & Coordination Study
2002	New Batteries
2005	Spills Substation RTU Replacement
2007	Infra-Red Thermal Scan Baseline Report
2008	Digital Governor Upgrade
2010	SCADA MCC Replacement/Upgrade
2010	Transmission Line Pole Inspection
2011	Purchase Spare Transformer
2014	Upgrade Mechanical Relays with Solid State Devices
2015	Install 60 Ton Hoist on Bridge Crane
2016	Back-up Generator
2016-2017	Generator Rewind & Turbine Refurbishment
2017	Battery Replacement – 24V Controls
2018	Replace Trunnion Seals / Covers
2019 & 2020	Relace Shaft Seal
2022	Exterior Painting
2023	Main Transformer Replacement
2024	Generator Underground Storage Tank Replacement
2024	El Vado Plant to Spills Substation Fiber Optic Line
2025	SCADA Communication Upgrades
2026	Oil Head Leak Repair

16. SCOPE OF WORK OR SERVICES (“SCOPE”)

SCOPE OF WORK GENERAL

The DPU is seeking an experienced team of engineers and professionals in the hydroelectric field to perform non-destructive testing, inspection and evaluation of our hydroelectric facilities and apply professional expertise and judgment to develop a comprehensive condition assessment. Based on the testing and inspection of the major equipment and ancillary support systems, the Engineer will identify concerns, deficiencies and major equipment in need of rehabilitation or replacement. The engineer will prepare a 10–year capital improvement plan which includes a scope of work, cost estimate and a schedule which addresses planning, engineering, permitting, equipment lead time and construction.

Both plants are run-of -the river, therefore DPU has very limited flexibility to vary the flow and generation. This should be considered when proposing testing and evaluation methods.

SCOPE OF WORK ABIQUIU

The two 6.9 MW Harbin turbine-generators are the original equipment installed in the 1980's, as are the mechanical support systems. The 3.1MW Andritz/Indar turbine-generator is located in a plant house addition and has designated mechanical and electrical systems. The engineer shall perform a comprehensive onsite inspection of all three turbines and generators and support systems at the Abiquiu facility. In addition, the engineer shall inspect and assess the gatehouse mechanical and electrical equipment, switchyard equipment, turbine shutoff valves, penstock, hydraulic units, blower system and other relevant equipment. This is not a comprehensive list of tasks; we are depending on the expertise of the engineer to identify and propose testing and assessment of other critical equipment per industry practices.

The 2013 condition assessment is provided as an attachment to this RFP. Assessment of the 3.1MW Andritz/Indar turbine-generator was not performed in 2013.

We have been tracking the propagation of cracks on three blades of the Unit #1 6.9 MW turbine runner. Attached to this RFP are some photos and measurements of the cracked blades from 2008, 2009 and 2019. The turbine runners will be made accessible to the Engineer to inspect the 6.9 MW runners. The Engineer shall inspect, measure and assess the cracks as part of the condition assessment. The proposal shall describe the approach, personnel qualifications and testing, if any, (such as dye penetrant test) to complete this evaluation and provide a recommendation of how to proceed in the future given the risk due to the presence of these cracks.

Electrical testing of critical electrical equipment, per industry standards, is required. In 1999 a comprehensive study was performed at both the El Vado and Abiquiu plant of the critical electrical equipment. This report is provided as an attachment to this request for proposals. The test results in this study serve as a baseline to assess equipment performance. The 2013 condition assessment performed these tests again. At a minimum, the condition assessment shall include insulation resistance and polarization index test data (stator and rotor) and dielectric tests (breakers). Electric equipment tests shall be performed by Doble services for access to the Doble technical library of comparable equipment performance, maintenance data and trouble trends.

Battery load testing of the Abiquiu plant battery banks is required. The Engineer shall interpret the test results and compare them to prior data to assess the condition of the rotor windings, stator windings and breaker condition. Based on the physical inspection and test results provide summarize the findings and recommendations for corrective action necessary.

These items are not part of the Abiquiu hydroelectric plant condition assessment.

- SCADA System
- Cranes
- 4160V Step-Up Transformer

SCOPE OF WORK EL VADO

The El Vado plant underwent a comprehensive rehabilitation in 2016 and 2017 which included rewinding the stator, shop cleaning and dip-and-bake rotor, turbine refurbishment, replacement of all bearings and a long list of other improvements. The specifications for this rehabilitation are provided as an attachment to this RFP to familiarize the engineer with the scope of rehabilitation effort. The plant operated for five years after major rehabilitation and then was taken out of service in May 2022 as the Bureau of Reclamation began a dam rehabilitation project which drained the reservoir below generation levels. The plant was placed online for the first time since the dam rehabilitation project began in April of 2025 for a brief period. **Given the minimal run time on the refurbished turbine and generator, the scope of work for this condition assessment will be limited to the ancillary support systems that were not replaced/refurbished.**

The engineer shall perform an onsite inspection of the plant focusing on the support systems at the El Vado facility. In addition, the engineer shall inspect and assess the switchyard equipment, turbine shutoff valves, penstock, hydraulic power unit and other relevant equipment. This is not a comprehensive list of tasks; we are depending on the expertise of the engineer to identify and propose testing and assessment of other critical equipment per industry practices. Battery load testing of the El Vado plant battery banks is required.

ADDITIVE ALTERNATE NO. 1: The engineer shall prepare a stand-alone evaluation to guide Los Alamos County (LAC) in the decision to take the El Vado hydroelectric plant offline until the dam restoration is complete and generation will resume. **This will not be delivered as part of the condition assessment.** This evaluation shall identify the cost savings that could be realized if the plant were shut down and identify any costs to place the plant in a suspended state of operation. The consultant shall organize a meeting with Bureau of Reclamation and LAC staff in Albuquerque to get the status of the dam restoration project and establish the timeline that the plant will remain offline. The engineer shall identify the minimum level of maintenance that must be performed to avoid damage to the plant equipment, consider shared functions with the BOR dam operations and environmental considerations within the plant. In addition, advise LAC on anticipated costs or risks that may occur when the plant is placed back online in future years.

These items are not part of the El Vado hydroelectric plant condition assessment.

- Electrical testing of stator, rotor and breakers
- Comprehensive inspection or evaluation of turbine, generator and equipment refurbished in 2016/2017.
- Penstock shut off valve and associated hydraulic power unit
- SCADA System
- Cranes
- 4160V Step-Up Transformer

RECOMMENDATIONS & CAPITAL IMPROVEMENT PLANNING

Based on the condition assessment findings, the consultant shall develop a ten-year capital improvement plan for the major maintenance, replacement or refurbishment needs for continuous operation of the plants. The plan shall include a scope of work, cost estimate and a schedule which addresses planning, engineering, permitting, equipment lead-time and construction.

The flowing documents are provided at the following site:

<https://losalamosnm.egnyte.com/fl/gMb9rQT49qB7>

- A. 1999 Generator & HV Maintenance and Short Circuit Analysis & Coordination Studies
- B. 2013 Condition Assessment performed by Knight Piesold Consulting
- C. 2015 El Vado Hydroelectric Plant Refurbishment Technical Specifications
- D. Abiquiu Runner Blade Crack History

17. PROPOSAL FORMAT AND RESPONSE COMPONENTS

- 17.1. Offerors must submit a Proposal to the County in the format described herein, subject to Section 7.5, and through the County's Procurement Portal. Information provided in the Proposal may be used in the contract between the successful Offeror and the County.
- 17.2. To facilitate the review process, unless otherwise stated herein, County's preference, though not a requirement, is that Proposals be limited to fifty (50) pages, including exhibits, attachments, or marketing materials; that Proposals are 8.5 x 11 inch format; and that general marketing materials should not exceed ten (10) pages.
- 17.3. Unless otherwise specified herein or on the County's Procurement Portal, Proposal documents should be submitted in PDF format.
- 17.4. For uniformity in the Proposal review process, please sequence Proposals as shown below using the same header names as below. Additional information may be included by Offerors in attachments, provided that Proposals include and address, in the sequence requested, the elements requested in the Proposal Format and Scope.
- 17.5. Whenever describing Offeror's ability to provide the services described in the Scope, reference the header for that section and restate the section to which Offeror is responding.
- 17.6. **Proposal Response Components.** Responses should include the following Proposal Response Components:

Sect. No.	Section Title	Submission Information (In addition to any other information requested herein.)
1	Cover Sheet (One page only)	Provide the full legal name of the Contractor who will execute the contract, and the name, phone number, and e-mail address of the primary person responsible for responding to questions and communication related to the RFP. Reference the RFP number and name.
2	Technical Qualifications	Provide an organization chart for this project with proposed personnel's role in the project. Provide resumes or biographies for all proposed project team members and show current and proposed workload capacities for individual team members and the firm.
3	Quality of Work	Provide examples of quality assurance programs, procedures, policies or other means sufficient to satisfy this requirement which assures that high quality work will be delivered to Los Alamos County.
4	Approach and Work Plan	1. Administrative approach describing the roles and responsibilities of the individual team members and the proposed coordination with the owner at the various stages of the condition assessment preparation; 2. Technical approach describing how the offeror intends to perform the plant inspections, details of proposed equipment testing, and required technical evaluations. Provide details of how the testing and inspections will affect normal plant operation. 3. Offeror may propose additional testing or evaluations that would add to the quality of the condition assessment; 4. Work tasks and sub-tasks with estimated hours cross-referenced to proposed team members and cost proposal to provide the services; 5. Provide a realistic schedule of tasks and project completion, including Owner review periods
5	Cost Proposal	1. Provide cost proposal identifying the incremental costs for the following primary tasks: A. Abiquiu – Comprehensive Condition Assessment Field Inspection & Evaluation B. Abiquiu - Electrical Testing C. Abiquiu – Turbine Runner Inspection and Evaluation D. El Vado – Limited Condition Assessment Field Inspection & Evaluation (less turbine/generator rehabilitated equipment 2016 & 2017) E. Capital Improvement Plan for Abiquiu and El Vado F. ADDITIVE ALTERNATE No. 1: El Vado – Evaluation of plant shut-down during dam restoration

Sect. No.	Section Title	Submission Information (In addition to any other information requested herein.)
6	Submission of County's Standard Sample Service Agreement with Deviations or Exceptions Noted or Statement of No Deviations or Exceptions.	1. Offeror must note in their response any deviations or exceptions, if any, to the County's Standard Sample Services Agreement, provided on the County's Procurement Portal. Provide the original language with the County's standard terms and any suggested edits; or 2. Alternatively, state that Offeror has no deviations or exceptions. 3. Offerors should provide with their Proposal any of their own standard contractual terms or provisions the County will be asked to consider if Offeror is selected for award. This may include, but is not limited to, such things as a sample Master Services Agreement or Licensing Agreement and any additional governing documents referenced within those sample standard agreements. Offerors should note if their own standard contractual terms or provisions conflict with those provisions provided in the County's Sample Services Agreement. 4. The County may consider, but is under no obligation to accept, any of Offeror's contractual terms or provisions included in Offeror's Proposal.
7	Additional Documents to Submit with Proposals	In addition to all other components requested herein, submitted Proposals should include, but may not be limited to the following. If a document is required, it will be noted as such in the County's Procurement Portal, and Offerors will be unable to submit Proposals without all required documents. 1. Certification Regarding Debarment, Suspension, and other Responsibility Matters 2. Campaign Contribution Disclosure Form 3. Verification of Authorized Offeror 4. Request for Preference Form 5. Signed copies of any addenda issued. 6. LIST ANY ADDITIONAL DOCUMENTS HERE

18. EVALUATION CRITERIA

Responsible Offeror means a person, who has been determined by the Chief Purchasing Officer or evaluating committee to have the capability in all respects to perform fully the contract requirements, and the integrity and reliability which will assure good faith performance.

Responsive Offeror means a person who has submitted an offer that conforms in all material respects to the requirements set forth in the RFP.

	Criteria	Weighted Points
1	Technical Qualifications of Personnel and Firm's Relevant Experience Providing Similar Services	20
2	Approach and Work Plan for the six(6) primary deliverables. A. Abiquiu – Comprehensive Condition Assessment Field Inspection & Evaluation B. Abiquiu - Electrical Testing C. Abiquiu – Turbine Runner Inspection and Evaluation D. El Vado – Limited Condition Assessment Field Inspection & Evaluation (less turbine/generator rehabilitated equipment 2016 & 2017) E. ADDITIVE ALTERNATE NO. 1: El Vado – Evaluation of plant shut-down during dam restoration F. Capital Improvement Plan Abiquiu and El Vado	35
3	Schedule for Completion of Services	15
4	Cost Proposal, Identify cost for each of the six (6) primary deliverables. A. Abiquiu – Comprehensive Condition Assessment Field Inspection & Evaluation B. Abiquiu - Electrical Testing C. Abiquiu – Turbine Runner Inspection and Evaluation D. El Vado – Limited Condition Assessment Field Inspection & Evaluation (less turbine/generator rehabilitated equipment 2016 & 2017) E. ADDITIVE ALTERNATE NO. 1: El Vado – Evaluation of plant shut-down during dam restoration F. Capital Improvement Plan Abiquiu and El Vado	30
	Total Score	100