SECTION M – EVALUATION FACTORS - Miner Flat Dam

General

Phase 2 of this solicitation process will require the most qualified firms to prepare and submit a detailed proposal which shall describe proposed Technical Approaches as well as confirming Key Personnel. Pricing is required in Phase 2,. The proposals of the Phase 2 participants will be evaluated to determine which offerors will provide the best value to the Tribe while conforming to the requirements in the solicitation. The Tribe is seeking innovative concepts to ensure that a Record of Decision can be issued by the Secretary of the Interior while implementing cost-savings in the scope of work for design and/or construction.

After initial evaluation of the proposals, offerors may be requested to participate in discussions prior to submitting their "Best and Final" proposals.

Each Phase 2 offeror shall provide details associated with each of the tasks necessary to complete the project as outlined in the Miner Flat Rural Water Project – 30% Design Statement of Work (Statement of Work) dated 8/18/2011 and **as amended by Addendum No. 1.** Attachment No. 1 to this solicitation is the Field Exploration Request (FER) to describe proposed field exploration activities. Details should include, but not be limited to specific tasks, resources (both in-house and subcontracts) and timing (schedule) associated with the production of each of the deliverables identified on Pages Nos. 1 and 2 of the Statement of Work. However, should offerors determine that there are opportunities to fine-tune or reorient the tasks/deliverables that generally meet the intent of the Statement of Work, leading to a more efficient or effective project, offerors are encouraged to do so. For each task identified offerors shall develop labor categories/disciplines, number of hours and hourly rates that will be assigned to the task using a laborer classification system considered appropriate by the offeror.

The Tribe will be conducting environmental clearances for land disturbance associated with geotechnical investigations. The scope and duration to obtain clearances will be based on investigations proposed by the offeror. Offeror's schedules should clearly allow time for these tasks and integrate them appropriately into their schedules.

As outlined in the Statement of Work, the Tribe will be conducting the flood hydrology studies, including the Paleoflood analysis. The Tribe anticipates the duration of those studies to be 8-12 weeks. Pre-requisite to the flood studies is the development of project topography as required under Deliverable No. 3 of the Statement of Work. Offeror's schedules should clearly include the Reclamation tasks and integrate them appropriately into their schedules. Additionally, again pursuant to the Statement of Work, the Tribe, working with the successful offeror will be conducting Risk Analysis studies, including dam break analyses and Population at Risk studies, requiring close coordination with the successful the offeror throughout the 30% design process.

A firm fixed price contract will be awarded to the successful offeror. Each offeror shall provide the firm fixed price in the Phase 2 submission as noted on the Cost Schedule contained in for this RFP. Notably, the Cost Schedule includes the Field Exploration work, Dam Design and Analysis and RCC borrow investigations..

Additionally, all offerors should provide not more than 2 pages of narrative addressing steps proposed during design to reduce the cost of design and construction without sacrificing the level of detail necessary.

Evaluation Factors

Technical considerations are significantly more important than price/cost factors.. The Evaluation Committee will evaluate proposals relative to the criteria listed below in descending order of importance, with 1 and 2 weighted significantly more than cost/price when combined.

1. Technical Approach - The narrative will be rated to determine how each proposal accomplishes the scope of work , including any innovative practices or methods that will produce a better design product or reduce costs while still addressing the requirements of the Statement of Work.
2. Professional qualifications and experience of Key Personnel as well as key staff performing day to day technical work products.
3. Cost/Price.

Technical Approach

Offerors should expand and elaborate on their previous proposal under the RFQ. The proposal should articulate specifically how they plan to conduct each task under the Statement of Work that correlates with the Deliverables listed on Pages 1 and 2 therein. The proposal should clearly explain the process to be followed in preparing and submitting the Deliverables. A detailed schedule should be included that identifies each deliverable as a milestone and major subtasks that are required under each of those deliverables. The schedule should also identify those tasks within the schedule that are predecessors to other tasks. The schedule should also clearly integrate the Tribe's activities as outlined above. Additionally, at a minimum, the proposal should discuss the following:

Field Exploration – A comprehensive exploration plan should be developed for the purpose of exploring foundation for failure modes, seepage potential and other structural and non-structural aspects of the design. The proposal should discuss the existing data (as posted on the website) and identify data gaps or uncertainties that must be resolved in order to produce a 30% design product. Furthermore, each proposer should carefully determine the number and type of exploratory features to be included in the proposal and a detailed explanation of the value to be gained by performing such explorations. The proposal should also discuss methods of collecting the data targeted under this proposal.

Grouting Plan - A grouting plan beneath Miner Flat Dam and in both abutments is anticipated. The 30% design should include designs for the such grouting. The proposal should discuss how it anticipates collecting data in support of the 30% grouting design and specifically if it is proposing to conduct a test grouting program under this proposal.

Identification and Analysis of Borrow Sites - A quarry plan is also considered a significant task and requires that the offeror narrate concepts for acquiring quarry materials and performing testing and analysis of the aggregate to be used in the RCC mix design. Offerors should note the addendum to the Statement of Work as discussed above. Offerors should note that the RCC mix design is not currently included in this Statement of Work.

Professional Qualifications and Experience of Key Personnel

The offerors are encouraged to elaborate upon the information provided under the RFQ, however there is no requirement to do so if the offeror believes its RFQ proposal to be fully informative and sufficient. The qualifications and key personnel identified will be evaluated based on the tasks identified under the offerors technical approach. Skills and abilities should be well correlated to the Statement of Work and specifically the deliverables required. Focus should be placed on the following key personnel:

Project Manager
Principal Designer
RCC Designer
Geotechnical Engineer
Grouting Engineer
Seismologist
Geologist

Cost Proposal

The offeror's estimated total price will be considered to be a reflection of its understanding of the Statement of Work. The offeror shall ensure that all applicable costs elements are detailed in their cost proposal. Table 1 offers an example of how the offeror should prepare its cost proposal. Each offeror must consider and provide specific costs/disciplines for all subtasks under the major tasks (required). Table 1 should also clearly show a crosswalk between the tasks and costs in the table and the cost schedule that supports the fixed price for the contract.

The cost proposal shall also provide a detailed breakdown of all proposed subcontracts including labor, materials and equipment that shall serve to fix the quantities and unit prices for those subcontracted tasks.

Offeror's cost proposals will be compared to the owner's estimate to ensure that the individual line items and the total price are reasonable. The cost proposal should be sufficiently realistic to: (A) ensure completion of the work; (B) reflect the statement of work and methods proposed by the offeror.

Table 1

Dam

Basis for Cost Evaluation and Fixed Price Contract (Illustrative Only)

Tasks to be defined by proposer. Tasks shall be summarized in the required major groups (shown in the table).

	Level of Effort, All Labor Catergories/Disciplines and Rates (Example Catergories and Rates)												Subcontracts (examples)				
	Project Manager	RCC Designer	Geologist	Geotech Engineer	Design Engineer	CADD Tech	RLS	Surveyor	Clerical	Total Hours	Travel	Subtotal Cost	Surveys Aerial	Geotechnical	Lab	Subtotal	**Total Cost**
Task	$150	$125	$125	$125	$100	$80	$80	$75	$45								
1	1	2	3							6	$500	$1,275	$10,000	$5,000	$200	$16,975	**$18,250**
2	1	2	3							6	$500	$1,275				$1,775	**$3,050**
3	1	2	3							6	$500	$1,275				$1,775	**$3,050**
4	1	2	3							6	$500	$1,275		$5,000		$6,775	**$8,050**
.....																	
Pre-Design Studies, Coordination and Data Collection-Subtotal																	
Subtotal Hours	4	8	12	0	0	0	0	0	0	24							
Subtotal Cost	$600	$1,000	$1,500	$0	$0	$0	$0	$0	$0		$2,000	$5,100	$10,000	$10,000	$200	$27,300	**$32,400**
1	1	2	3							6	$500	$775	$10,000	$5,000	$200	$16,475	**$17,250**
2	1	2	3							6	$500	$775				$1,275	**$2,050**
3	1	2	3							6	$500	$775				$1,275	**$2,050**
4	1	2	3							6	$500	$775		$5,000		$6,275	**$7,050**
.....																	
Field Exploration-Subtotal																	
Subtotal Hours	4	8	12	0	0	0	0	0	0	24							
Subtotal Cost	$600	$1,000	$1,500	$0	$0	$0	$0	$0	$0		$2,000	$3,100	$10,000	$10,000	$200	$25,300	**$28,400**
1	1	2	3							6	$500	$775	$10,000	$5,000	$200	$16,475	**$17,250**
2	1	2	3							6	$500	$775				$1,275	**$2,050**
3	1	2	3							6	$500	$775				$1,275	**$2,050**
4	1	2	3							6	$500	$775		$5,000		$6,275	**$7,050**
.....																	
Dam Design and Analysis-Subtotal																	
Subtotal Hours	4	8	12	0	0	0	0	0	0	24							
Subtotal Cost	$600	$1,000	$1,500	$0	$0	$0	$0	$0	$0		$2,000	$3,100	$10,000	$10,000	$200	$25,300	**$28,400**
1	1	2	3							6	$500	$775	$10,000	$5,000	$200	$16,475	**$17,250**
2	1	2	3							6	$500	$775				$1,275	**$2,050**
3	1	2	3							6	$500	$775				$1,275	**$2,050**
4	1	2	3							6	$500	$775		$5,000		$6,275	**$7,050**
.....																	
Documents: Specifications, Drawings, Cost Estimate, Schedule, Constructability - Subtotal																	
Subtotal Hours	4	8	12	0	0	0	0	0	0	24							
Subtotal Cost	$2,400	$8,000	$18,000	$0	$0	$0	$0	$0	$0		$2,000	$3,100	$10,000	$10,000	$200	$25,300	**$28,400**
Total For Schedule																	
Total Hours	16	32	48	0	0	0	0	0	0	96							
Total Cost	$2,400	$4,000	$6,000	$0	$0	$0	$0	$0	$0		$8,000	$14,400	$40,000	$40,000	$800	$103,200	$117,600

Fixed Price Contract Amount	**$117,600**

Proposer may utilize other format as long as the required information such as Labor Categories, Rates, and Expenses are shown. Additionally, proposer shall sumarize all tasks into the major groups shown in Table 1.
Labor categories/Disciplines are given as examples only.

SECTION L -- INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

L.1 52.204-06 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER APRIL 2008

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation “DUNS” or “DUNS+4” followed by the DUNS number or “DUNS+4” that identifies the offeror’s name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet, Inc. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same concern.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number—

(i) Via the Internet at http://fedgov.dnb.com/webform or if the offeror does not have internet access, it may call Dun and Bradstreet at 1-866-705-5711 if located within the United States; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office. The offeror should indicate that it is an offeror for a U.S. Government contract when contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business name.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company physical street address, city, state and ZIP Code.

(iv) Company mailing address, city, state and ZIP Code (if separate from physical).

(v) Company telephone number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

L.2 Submittal of Proposals

(1) The offeror shall submit 10 bound copies the Technical Proposal and 10 separately bound copies of the cost/price proposal and 1 unbound copy of each.

(2) Proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror

(3) The first page of the proposal must show—

(i) The solicitation number;

(ii) The name, address, and telephone and electronic address if available;

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone electronic addresses if available of persons authorized to negotiate on the offeror's behalf with the Tribe in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal.

(4) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Tribal office designated in the solicitation by the time specified in the solicitation.

(ii) If an emergency or unanticipated event interrupts normal Tribal processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Tribal requirements preclude amendment of the solicitation, the

time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Tribal processes resume.

(iii) Proposals may be withdrawn by written notice received at any time before award.

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(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Tribe except for evaluation purposes, shall—

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Tribe and the Government and shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of—or in connection with—the submission of this data, the Tribe and the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Tribe’s or the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award.

(1) The Tribe intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Tribe may reject any or all proposals if such action is in the Tribe's interest.

(3) The Tribe may waive informalities and minor irregularities in proposals received.

(4) The Tribe intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the

(8) The Tribe may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Tribe.

(9) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

L.2 52.216-01 TYPE OF CONTRACT APRIL 1984

The Tribe contemplates award of a Firm Fixed Price contract resulting from this solicitation.

Addendum No. 1

WMAT Rural Water System - Dam
30% Design Statement of Work

January 24, 2012

1.3.3.1a Borrow Investigations for Conventional and Roller Compacted Concrete (RCC)

The Tribe shall perform a comprehensive field program in order to fully understand and develop recommendations associated with RCC borrow options as follows:

1. Review existing borrow area investigations from upstream alluvial deposits and evaluate the potential for use in conventional concrete and RCC.
2. Review existing geologic information of foundation excavation material or potential rock quarry sites for use in conventional concrete and RCC.
3. Based on the review of borrow area investigations, develop a Field Exploration Plan for additional concrete aggregate explorations of both the alluvial deposits and potential rock sources from required excavation or rock quarry.
    a. Alluvial Deposits
        i. The Field Exploration Plan shall establish the locations and number of test pits in alluvial deposits necessary to establish both quantities of suitable materials available and characterize the gradation and quality of materials for concrete sand and coarse aggregates up to a nominal maximum size aggregate (NMSA) of 2-inches.
    b. Rock Quarry Sources
        i. The plan shall establish the number of drill holes necessary to characterize the number of different geologic strata, rock type (s), and depth and degree of weathering of rock to be encountered in the proposed excavation material or quarry sites.
        ii. The cores shall be logged and boxed for examination in accordance with ASTM C 295, Guide for Petrographic Examination of Aggregates for Concrete.

4. Obtain sufficient representative samples of alluvial materials for laboratory physical properties testing over the intended borrow area.

5. Obtain sufficient representative samples of rock to be encountered in proposed quarry and process these materials for testing as concrete sand (crusher fines) and coarse aggregates up to a nominal maximum size aggregate (NMSA) of 2-inches.

6. Conduct a full scale aggregate physical properties testing program:

    a. Evaluate available quantities of fine and coarse aggregates suitable for concrete in accordance with the ASTM standards listed in Table 1. Laboratories performing concrete materials testing should meet the requirements of ASTM E 329.

    b. Material properties for use in conventional concrete and RCC shall meet the limits stated in ASTM C33 and ACI 207.5R-11, Report on Roller-Compacted Mass Concrete.

7. Prepare RCC and Conventional Concrete Materials and Borrow Investigations Report

Table 1 - ASTM Standards for Aggregate Borrow Investigations

ASTM Standard No.	
E 239	Agencies Engaged in Construction Inspection and/or Testing
C 29	Standard Test Method for Bulk Density (Unit Weight) and voids in Aggregates
C 33	Standard Specification for Concrete Aggregates
C 40	Test Method for Organic Impurities in Fine Aggregate
C 88	Test Method for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate
C 117	Test Method for Materials Finer than 75-μm (No. 200)Sieve in Mineral Aggregates by Washing
C 123	Test Method for Lightweight Particles in Aggregate
C 127	Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
C 128	Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
C 131	Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C 136	Test Method for Sieve Analysis of Fine and Coarse Aggregates
C 142	Test Method for Clay Lumps and Friable Particles in Aggregates
C 294	Descriptive Nomenclature for Constituents of Concrete Aggregates
C 295	Guide for Petrographic Examination of Aggregates for Concrete
C 535	Test Method for resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
C 666	Test Method for Resistance of Concrete to Rapid Freezing and Thawing
C 1260	Test Method for Potential Alkali Reactivity of Aggregates (Mortar Bar Method)
C 1293	Test Method for Determination of Length Change of Concrete Due to Alkali-

	Silica reactivity
C 1567	Test Method for Determining Potential Alkali-silica Reactivity of Combinations of Cementitious Materials and Aggregates (Accelerated Mortar-Bar Method)
D 75	Practice for Sampling Aggregates
ACI No.	
207.5R-11	Report on Roller-Compacted Mass Concrete