



Bid Proposal for Construction of the Lake Berryessa North End Trail

**Bids must be received (2 hardcopies) by 4 pm, Friday, October 2, 2015, at:
Tuleyome NAPA, 901 Cape Cod Ct, Napa, CA 94558,
attn: C. Kunze, or emailed to carol@tuleyome.org**

Name of Proposer: _____

Business Name & Location: _____

Mailing Address: _____ City _____ State ___ Zip _____

Phone _____ **Email** _____

Tuleyome is seeking bids to construct approximately 7.3 miles (four foot wide tread) of unpaved publicly-accessible non-motorized trail for use by hikers and cyclists.

Location. The trail site is located on the north lake shore in the Lake Berryessa Recreation Area, Napa County, California, Assessor's Parcel № 019550001000, starting at the existing Putah Creek trailhead along Berryessa-Knoxville Rd, and extending northeast along the lake shore.

Design. This is a *partial design-build* project. A draft trail alignment has been prepared and various structures and control points, such as the sites (and sizes) of rock-armored crossings, the bridge, and boardwalks, have been identified, as well as other structures, including switchbacks, retaining walls, *etc.* See *Exhibit A2, Maps (4) of North End Trail*, showing sites for anticipated structures. The selected **Contractor** will work with **Tuleyome** to:

- (1) flag the final alignment within the identified trail corridor (which must be approved by the Bureau of Reclamation) and mark locations to install erosion control, and
- (2) propose designs and materials (stone, wood, steel, *etc.*) for the various structures, and upon approval by Tuleyome, provide engineered drawings for the bridge and railings for the culvert crossings.

Sample or representative designs, schematic drawings or photos of the proposed bridge, boardwalk, railings (for culvert crossings), stairs, and retaining walls, along with a list of the proposed materials, must be provided. See *Exhibit A5, Photos & Drawings*. Alternate designs representing different levels of cost may be submitted. Engineered drawings are not required for this bid proposal.

Tuleyome will choose the final designs and materials in consultation with the selected **Contractor**.

If you have the requisite experience in the double-dug trail construction method (*Exhibit A5.a*) and wish to submit a proposal, you may contact Tuleyome's Field Manager John Aranson (trailsteward@aol.com, 415.497.1230) to schedule a pre-bid job walk.

Construction Method. The trail bed is 4 ft-wide. Brushing will entail clearing an additional 2 feet on either side of the trail tread, and 8 feet in height. Equipment shall be an appropriate size for the width of the trail, *no wider than 48 inches*.

The trail is to be constructed using the *double-dug partial bench* method on slopes over 20%. See *Exhibit A5.a*. Rock armoring shall be completed as described in *Exhibit A5.b*.

Erosion Control. Contractor will provide and be responsible for providing and installing, all erosion control materials needed. Such controls will be installed wherever there is a risk of sediment entering a water way. Unless otherwise established in the Storm Water Pollution Prevention Plan, this will include at a minimum any excavation in close proximity to a stream, drainage, or lakeshore (the high water mark). *Close proximity* means within 50 feet where the slope between the excavation and the waterway is 0 - 10%, and within 70 feet where the slope is 11% - 20%. *Close proximity* may also mean a greater distance if there is not at least 50 or 70 feet, respectively, of dense cover vegetation (grasses, brush, or trees and vegetation litter) between the work and the waterway.

Completion Date. The trail is to be completed by May 31, 2016. If rain is either inadequate or excessive, such that there are insufficient days with optimum soil moisture levels, the project deadline will be extended by Tuleyome in writing.

One Year Return and Review. Bids should include the cost of returning at a time agreed with Tuleyome, generally 12 months after completion of the trail, to review the trail tread, and all structures, to make any adjustments and perform any maintenance needed, including issues related to expansive soils, after one season of winter rains.

Trailhead Gates, Mitigation, Rehabilitation. Contractor will not be responsible for installing trailhead gates and facilities, mitigation outside the trail corridor, or rehabilitation of old trail tread. These tasks will be undertaken by a combination of Bureau of Reclamation, Tuleyome, and volunteers. Contractor will be responsible for any reseeding required within the trail corridor.

Declaration. The undersigned, as proposer, declares that the only person or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm or corporation; that they have carefully examined the location of the proposed work, the proposed form of Contract, the Scope of Work, and the required bonding; and they propose, and agree if this proposal is accepted, that they will contract with Tuleyome, substantially in the form of the example Contract provided with these documents, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all

the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of payment therefore the following item prices:

Item	Cost
Assist in Flagging Final Alignment	
Mobilization	
Construction	
One Year Return and Review	
TOTAL BID	

Construction Bid Cost Form: Include the Bid Cost Form, Exhibit B2, which is incorporated as part of this bid. At a minimum, unit costs and the total for each task, as well as the Total Bid must be provided. This form is intended to assist in calculating the bid as well as providing unit costs that will be used in the event of change orders, which shall be in writing.

Statement of Qualifications: Bidders must include a *Statement of Qualifications*. *The chosen contractor must have experience in the double-dug partial bench method of trail construction, including working in the rainy season, assessing soil moisture, implementing erosion control measures, and the flexibility to maintain a schedule dependent on the weather.* In addition, to minimize erosion potential, the contractor must be able to commit and provide sufficient experienced staff and equipment to complete all aspects of the double-dug partial bench method (pre-scraping organics from the trail tread, excavating, mixing and compacting the soil for the trail tread, raking organics back over the shoulder and edge) for any segment of trail begun, in one day. In short, all work on the section of trail begun in the morning must be completed by the end of the day.

Include a list of the last 3 trail projects using the double-dug approach, with length of trail, photos, and the agency or customer name, as well as contact information of the person who was in charge of overseeing the project for agency/customer, and other information supporting the bidder’s qualifications for constructing this trail consistent with the requirements stated herein. Also, include a proposed schedule for constructing the trail based on your availability, so as to ensure completion by May 31, 2016.

Heavy Equipment List: List all heavy equipment by manufacturer, model number and width, that will be used. Equipment must be no more than 48 in. wide.

1. _____
2. _____
3. _____
4. _____

Exceptions may be proposed to the Contract or Scope of Work. Any such exceptions must be explicitly identified and attached to the Proposal when submitted. Experience, sufficiency of staff, equipment, price and proposed designs will be factors in determining which proposal is selected, but any exceptions which may be proposed may also be considered.

Proposed Exceptions:

Unless specifically identified below, bidder agrees to all of the terms and conditions contained in this solicitation. Add additional pages if needed.

List of Subcontractors (if any, including engineering firms for drawings):

Name of Subcontractor	Portion of Contract	Location of Business (City and State)

It is understood and agreed that the quantities of work under each item are approximate only, being given for a basis of comparison of proposals, and the right is reserved to Tuleyome to increase or decrease the amount of work under any item as may be required, in accordance with provisions set forth in the specifications for this project. Tuleyome reserves the right, at its sole discretion, to accept or reject any or all proposals, and/or to allow proposers to modify their proposals prior to the deadline for the submittal of proposals.

It is further understood and agreed that the total amount proposed for the project does not constitute an agreement to pay a lump sum for the work.

If this proposal is accepted and the undersigned fails to contract as aforesaid within eight (8) days, not including Saturdays, Sundays and legal holidays, after the proposer has received notice from Tuleyome that the contract has been awarded to the undersigned, Tuleyome may, at its option, determine that the proposer has abandoned the contract, and thereupon this proposal, and the acceptance thereof shall be null and void.

The names of all persons interested in the foregoing proposal as principals are as follows:

If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer and manager thereof; if a co- partnership, state true name of firm, also names of all individual copartners comprising the firm; if bidder or other interested person is

an individual, state first and last names in full.

Name: _____

Name: _____

Name: _____

Name: _____

Name: _____

Business Name of Proposer (Contractor): _____

Licensed in accordance with the law of the State of California:

Contractors License No. _____ Expiration Date _____

Classification

Signature of proposer: _____ Date: _____

Printed Name: _____

Title: _____

Statement of Qualifications
(add additional pages if needed)

Contracter: _____
Address: _____
Date: _____

North End Trail Construction Bid Cost Form						
	Item	Qty	Unit	Cost/Unit	Amount	Total
1	Mobilization (include bonds & insurance)				\$0	\$0
2	Assist in final flagging of trail alignment	0	hr	\$0	\$0	\$0
3	Trail brushing					
	Brush main trail	28,000	ft	\$0.00	\$0	
	Main trail brushing cut eight ft. Wide by 8 ft. High.					
	Total of 14 trees to be removed less than 8 in diameter on main trail					
	Brush all loop trails	7,098	ft	\$0.00	\$0	
	Brush all Access Trails	3,130	ft	\$0.00	\$0	
	Trail Brushing Total					\$0
4	Trail tread re-route and reconstruction					
	Main trail	28,250	ft	\$0.00	\$0	
	Existing trail to be used – 2,280 ft.					
	New trail to be constructed – 25,970 ft.					
	Loop Trails					
	Raccoon - Blue Monday	2,220	ft	\$0.00	\$0	
	Blue Monday - Schoolhouse	475	ft	\$0.00	\$0	
	School House - Barton Hill	1,266	ft	\$0.00	\$0	
	Barton Hill - La Pointe	744	ft	\$0.00	\$0	
	La Pointe - Putah	1,073	ft	\$0.00	\$0	
	Putah Loop	1,320	ft	\$0.00	\$0	
	Access Trails					
	Raccoon Lagoon	265	ft	\$0.00	\$0	
	Blue Monday (planning & installation of 100 ft of stairs with handrail)	100	ft	\$0.00	\$0	
	Barton Hill	350	ft	\$0.00	\$0	
	Putah Beach Access	265	ft	\$0.00	\$0	
	Schoolhouse Point Access	900	ft	\$0.00	\$0	
	Trail Tread Total					\$0
5	Rock Armored Crossings (Tuleyome will acquire rocks)					
	Main trail	22		\$0.00	\$0	
	Raccoon - Blue Monday Rock Armored Crossings	2		\$0.00	\$0	
	Rock Armored Crossings Total					\$0
6	Causeways for wet areas (6 in. lift)					
	Planning	0	hr	\$0.00	\$0	
	Causeway CW2	20	ft	\$0.00	\$0	
	Causeway CW3	40	ft	\$0.00	\$0	
	Causeway CW1	300	ft	\$0.00	\$0	

	Causeways Total						\$0
7	Rock Retaining Walls (Tuleyome will acquire rocks)						
	Planning	0	hr	\$0.00		\$0	
	K6 Parking Retaining Wall along road	150	ft	\$0.00		\$0	
	Retaining wall along road near culvert crossing CC-2 (3ft high)	200	ft	\$0.00		\$0	
	Retaining walls (2ft high, 3 walls)	52	ft	\$0.00		\$0	
	Retaining walls (3ft high, 3 walls)	42	ft	\$0.00		\$0	
	Retaining wall (4ft high)	12	ft	\$0.00		\$0	
	Retaining Wall Total						\$0
8	Bridge						
	Planning (including cost of engineering drawings)	0	hr	\$0.00		\$0	
	One 24 ft. bridge	24	ft	\$0.00		\$0	
	Assemble & transport bridge to site					\$0.00	
	Bridge Footings.					\$0.00	
	Bridge Total						\$0
9	Boardwalks						
	Planning	0	hr	\$0.00		\$0	
	Three boardwalks, 12 ft. x 5 ft.	36	ft	\$0.00		\$0	
	One boardwalk, 16 ft. x 5 ft.	16	ft	\$0.00		\$0	
	One boardwalk, 30 ft. X 5 ft.	30	ft	\$0.00		\$0	
	Cost includes footings, assembly and transport to site						
	Boardwalks Total						\$0
10	Handrails for Culvert Crossings						
	Planning (including cost of engineering drawings)	0	hr	\$0.00		\$0	
	Handrails for 2 culverts, Installed	40	ft	\$0.00		\$0	
	Realign fence above culvert and trail	576	ft	\$0.00		\$0	
	Handrails for Culvert Crossings Total						\$0
11	Switchbacks						
	La Pointe - Putah Loop	1		\$0.00		\$0	
	Barton Hill Access	1		\$0.00		\$0	
	Switchbacks Total						\$0
12	One-time performance review by Contractor					\$0.00	\$0
	Inspect and repair after one full year all trail installed features including : bridges, rock armoured crossings, retaining walls, boardwalks, causeways, etc. Remove any slides on tread as a result of winter storms, address expansive soil issues, etc.						
	TOTAL BID					\$0	\$0