

**WaterSMART Grants:
Small-Scale Water Efficiency Projects Grants**

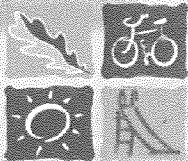
Notice of Funding Opportunity No. R21AS00300

PROPOSAL

**Stephen Harris Park Water
Savings**

Applicant:

El Dorado Hills Community
Services District
1021 Harvard Way
El Dorado Hills, CA 95762



El Dorado Hills
Community Services District

March 18, 2021

Project Manager:

Kevin A. Loewen, General Manager
El Dorado Hills Community
Services District
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El Dorado Hills, CA 95762
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TECHNICAL PROPOSAL AND EVALUATION CRITERIA

(1) Executive Summary

Name of Project

Date: March 18, 2021
Applicant: El Dorado Hills Community Services District
City, County, State: El Dorado Hills, El Dorado County, California

Applicant Type

The El Dorado Hills Community Services District (District) is a Category A applicant with water delivery authority under the eligibility criteria set forth by Public Law 111-11, Section 9502 for this WaterSMART Small-Scale Water Efficiency Projects Grant. The District was formed on May 21, 1962 by County Board of Supervisors Resolution No. 98-62 and under Government Code §61600 as an independent special district to provide water, sewage, garbage, fire protection, public recreation, and many other functions.

Proposal Summary

The District is located in a densely developed suburban population on the western edge of El Dorado County, California. The District's Stephen Harris Park Water Savings Project (Project) will improve water efficiency at the publicly owned Stephen Harris Park located in El Dorado Hills, California. The Project will remove a portion of the existing turf and replace it with native vegetation and a high-efficiency irrigation system. The Project will result in improved water use efficiency year-round, reduced O&M costs with facility modernization, and community benefits. It will incorporate a holistic, watershed-based approach to landscaping that transcends water-use efficiency to address the related benefits of diversification of plant species, lowering irrigation needs, reducing stormwater runoff, and habitat improvement. The Project will be completed in coordination with the County of El Dorado (County) and El Dorado County Water Agency (Agency) as the District is within the service area of the Agency, which covers the entire El Dorado County.

Estimated Duration and Completion Date

The proposed activities under this grant are anticipated to begin January 2022 and continue through May 2022. Construction will occur over a two-month period from April 2022 to May 2022. Note that the assumed start date of January 2022 may vary pending award of the grant but will still meet the two-year timeframe requirements of this grant. Refer to **Evaluation Criterion C** for a more detailed project implementation schedule.

Reclamation Facilities Addressed by the Project

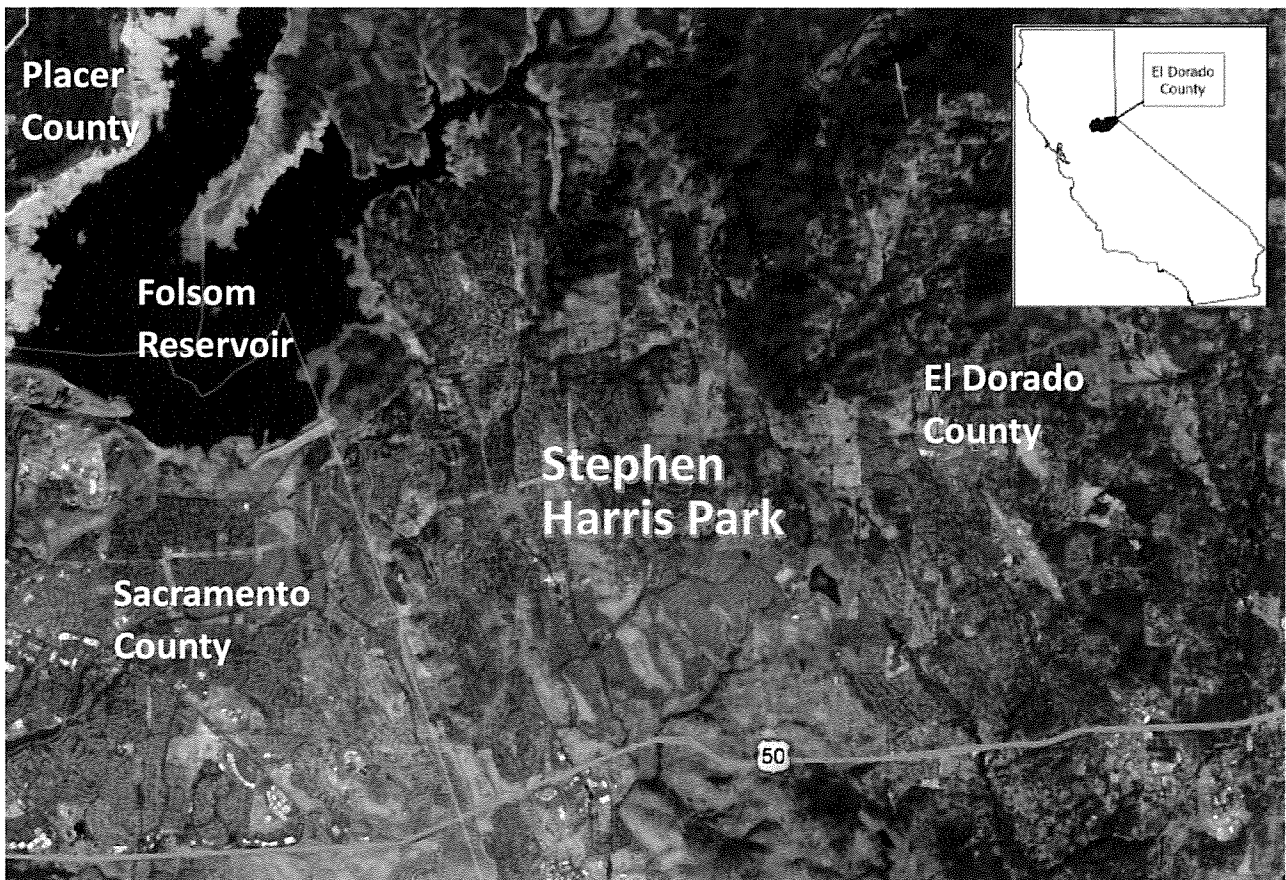
The Project, which is located at Stephen Harris Park in El Dorado Hills, California, is not located on a Federal facility.

(2) Project Location

The Project will occur at Stephen Harris Park. Stephen Harris Park is a 5.93-acre park located in El Dorado County, California within the unincorporated census-designated place of El Dorado Hills, approximately 30 miles east of Sacramento. The project latitude is 38°41'34.12" N and longitude is 121°04'48.96" W; see **Figure 1**.

The Project is located within the District's service area. The District serves a large, densely developed suburban population located just east of the El Dorado County and Sacramento County line and mostly north of Highway 50. Major access roads/inhabited corridors within the District's service area include Highway 50, El Dorado Hills Boulevard, Silva Valley Parkway, Green Valley Road, Francisco Drive, Salmon Falls Road, Bass Lake Road and Latrobe Road. The District boundary encompasses approximately 28 square miles.

Within the District's service area, two major north-south trending ridgelines form two long valleys that drain to New York Creek (the American River Watershed) as it flows north to Folsom Dam and Reservoir. From approximately Harvard Way, the two valleys drain south to the Cosumnes River Watershed. The Project is located within the portion of the District that drains to the American River Watershed and ultimately to Folsom Dam and Reservoir.



Source: Google Earth

Figure 1. Geographic Location of Stephen Harris Park Water Savings Project

(3) Technical Project Description

The Project will remove existing nonprogrammable turf (i.e., turf that is unused and cannot be used for purposes such as recreation due to shape, size, etc.) and spray irrigation, and replace with drought tolerant plants, mulch, and water efficient drip irrigation at Stephen Harris Park (**Figure 2**). This section details the approach to completing this work.

Over the past year, the District, supported by the Agency's technical assistance program, identified water conservation opportunities in public spaces through implementing drought tolerant landscaping and irrigation system upgrades to reduce wasteful runoff. The Agency's technical assistance program aims at promoting drought awareness and water conservation through incentives. Under this program, site-specific water audits, community outreach, and detail improvement design (planting plan, irrigation plan, construction details, project specifications) for the District's Stephen Harris Park are underway with incorporation of best practices of State of California's Model Water Efficient Landscape Ordinance.

The District will use the data and information from the above collaboration to develop and award a public and competitive bid to a qualified engineering contractor. After award of a bid, the District will oversee Project construction to achieve the anticipated water conservation objective. The awarded contractor will be responsible for the following construction details, in order of implementation:

- Perform project mobilization and bonding. Supplies and equipment will be provided by the contractor and brought to the Project site as needed.
- Perform demolition and site preparation using the contractor's equipment to clear approximately 35,000 square feet of nonprogrammable turf including stripping the top two inches of sod, and place approximately 11,000 feet of temporary construction fencing.
- Install one interpretive sign in the renovated area.
- Install high efficiency irrigation throughout renovated areas to include new drip valves and filters, pressure compensating drip irrigation, and self-adjusting evapotranspiration-based irrigation controller.
- Prepare approximately 35,000 square feet of soil and lay mulch using the contractor's equipment.
- Plant seven (7) new 15-gallon trees.
- Plant approximately 1,500 1-gallon native plants.

Implementation of the Project will require additional non-construction efforts prior to and throughout the construction period. These include grant administration services and the District's time for design/bid documentation preparation and construction administration oversight.

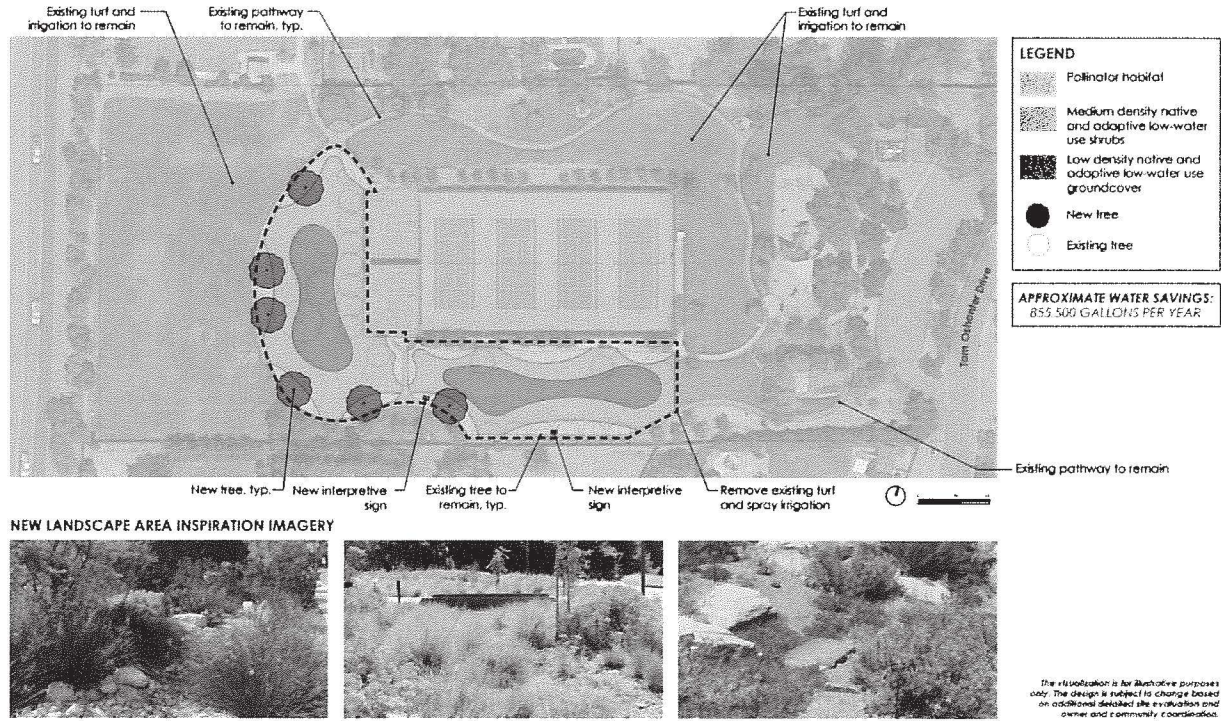


Figure 2. Preliminary Proposed Project Site Plan

(4) Evaluation Criteria

Evaluation Criterion A — Project Benefits

This Project is consistent with the District's commitments, and due to its location in the upper American River Watershed, the Project has wide-spanning water management and public benefits. The District serves a large, densely developed suburban population in El Dorado County adjacent to Sacramento County and mostly north of Highway 50. The District owns and manages approximately 535 acres of land including 254 acres of parks and 281 acres of open space. The District is committed to providing policy and operational procedures that protect the environment and encourage employees and the community to be informed, sensitive and passionate about protecting the natural resources.

The Project will provide the following **direct benefits**:

- **Local Water Savings and Improved Efficiency.** The Project will result in an anticipated water savings of approximately 855,500 gallons per year for the community of El Dorado Hills through a combination of (1) removing nonprogrammable turf and replacing with drought tolerant plants and (2) modernizing existing inefficient turf irrigation with state-of-the-art high efficiency irrigation to improve water use efficiency. Replacing irrigation heads will improve distribution uniformity, amending soils will improve water retention, permeability and drainage, and relandscaping with more drought tolerant plants will reduce water usage, add a variety of colors and textures, and increase pollinator habitat. All these activities provide a direct water savings benefit by both reducing demand and increasing efficiency. Replacing spray irrigation with drip irrigation is known to increase water delivery efficiency from 65 percent up to 85-90 percent. This benefit will be realized on a continuous basis, with the largest benefit being realized during dry years when water conservation is encouraged and water supplies are limited.
- **Reduced Long-Term O&M Costs.** Additionally, by replacing existing infrastructure with high efficiency irrigation and replacing nonprogrammable turf with native and drought tolerant plants, the District will have lower long-term operation and maintenance (O&M) costs. Operational costs associated with water use will be reduced. Also, maintenance efforts will be reduced by replacing aging and deteriorating infrastructure, and by having less landscape maintenance and fertilizer use due to the use of native plants rather than turf. Not only will the new irrigation be easier to access and maintain, but it may also reduce energy costs as much as 50 percent.
- **Basin-Wide Water Reliability.** This local reduction in water use also translates to improved basin-wide water reliability. The projected water saving from this modest turf conversion is around 855,500 gallons per year (2.6 acre-feet per year), which is equivalent to the annual consumptive use of 4 to 5 households in California. This Project demonstrates the responsibility of all water users to use water wisely in this drought-ridden California. Furthermore, this Project will improve downstream conditions and environmental conditions throughout the American River Watershed and downstream with the operation of Folsom Reservoir. The American River Watershed originates at the crest of the Sierra Nevada near Lake Tahoe and extends about 30 miles westward to the American River confluence with the Sacramento River near downtown Sacramento. In about the center of the watershed is the Federal facility, Folsom Dam and Reservoir, which is owned and operated by the U.S. Department of the Interior, Bureau of Reclamation (Reclamation). These upper basin water savings and benefits will accumulate in Folsom Reservoir, allowing additional resources and flexibilities for Reclamation to operate Folsom

Reservoir for all authorized CVP purposes including water supply, water quality, fishery species protection, power generation, and recreation.

Implementation of the Project will also provide the following **additional community benefits**:

- **Public Education.** Interpretive signage will be placed to educate the public of the techniques and approaches used to make the site conserve water and increase water use efficiency. It will spread knowledge of drought tolerant species and landscape water saving techniques. Stephen Harris Park is heavily trafficked due to it having tennis courts, a picnic area, a grass field for sports like soccer, a playground, a biking trail, and a walking trail. Therefore, Stephen Harris Park is an optimal location to educate the community on drought awareness, water conservation, and water use efficiency.
- **Recreation.** The Project will enhance Stephen Harris Park and attract the community to enjoy. Having a water-efficient landscaped park will further promote its use along with all the above-mentioned amenities.
- **Environment.** The use of native plants will promote natural habitats, reduce/eliminate the need for fertilizer use, create pollinator habitat, and better capture stormwater runoff to protect the surrounding water quality.
- **Tourism.** Having well maintained and established parks will promote tourists to visit the region and benefit the local economy as the above-mentioned amenities are publicly accessible without additional fees or permission.

Evaluation Criterion B — Planning Efforts Supporting the Project

The Project is supported by several planning efforts throughout the region. The text below describes the planning efforts, the needs identified in them, how the Project supports those needs, and how the Project was determined a priority:

- **El Dorado Hills Community Services District Park and Recreation Facilities Master Plan (Master Plan).** Preserving natural areas by promoting water conservation and sustainability is one of the five goals of the District's Master Plan. The proposed Project directly implements this goal because it will promote water conservation, water efficiency, and long-term sustainability through turf reduction, installation of drip irrigation, and planting of drought tolerant plants. The Master Plan specifically prioritizes projects for landscape renovation and sustainability for existing parks and facilities, meaning to replace areas of turf and overhead irrigation with low water use plants and drip irrigation, like the proposed Project.
- **El Dorado County Water Agency's 2019 Water Resources Development and Management Plan (WRDMP).** The Agency's WRDMP promotes countywide long-term water security and a renewed focus on advancing integrated water management to realize the vision of the General Plan adopted by the County for economic development, environmental protection, and quality of life for all

residents. The WRDMP identified water resource-related challenges throughout the county under climate change and developed various resource management strategies (RMS) for all management agencies and entities to collectively implement for improvement. Demand management is an important element of the RMS for improving water use efficiency, thus promoting water conservation and efficient water use. This priority precipitates the current collaboration between the District and the Agency, under the Agency's technical assistance program, to identify potential opportunities for improving landscape areas in parks and other public spaces like Stephen Harris Park for realizing demand management practices and promoting public awareness and education.

- **State Policy on Making Water Conservation a California Way of Life.** Extending from the experience of California's historic drought from 2012 through 2016, the California State Legislature (Legislature) enacted two policy bills in 2018, (Senate Bill (SB) 606 (Hertzberg) and Assembly Bill (AB) 1668 (Friedman)), to establish a new foundation for long-term improvements in water conservation and drought planning to adapt to climate change and the resulting longer and more intense droughts in California. These legislations are consistent with the State policy established during the drought through Governor's Executive Order B-37-16 with four goals: (1) use water more wisely, (2) eliminate water waste, (3) strengthen local drought resilience, and (4) improve agricultural water use efficiency and drought planning. The implementation of the legislative requirements is ongoing and water use efficiency is to be incorporated into all aspects of water use including residential, commercial, industrial and institutional (CII; including parks and recreational facilities), and agricultural water use through standards, performance measures and reporting requirements. The effective date for retail urban water suppliers to report their efficient water use objective and associated actual use starts January 1, 2024. These legislations allow urban retail water suppliers to prioritize their actions for compliance. Landscape irrigation improvements such as the Project is one of the most immediate and effective ways to materially improve compliance and thus, consistently prioritized by all water customers and retail water supplies.
- **Cosumnes, American, Bear, Yuba (CABY) Integrated Regional Water Management Plan (IRWMP) 2021 Update.** The CABY IRWMP is a planning document that identifies broadly-supported goals, objectives, strategies, actions, and projects within the Cosumnes, American, Bear, and Yuba regions to address long-term water supply needs, protection of water quality, and enhancement of environmental and habitat resources. The CABY IRWMP's water supply goal is to ensure that adequate and reliable water supply that can be adapted to climate change and can meet the needs of the region. The IRWMP places priorities on projects that upgrade efficiency of landscape irrigation systems as they are known to directly help address this goal. The Project is a site-specific application to reduce demands and therefore improve water supply reliability in the region.

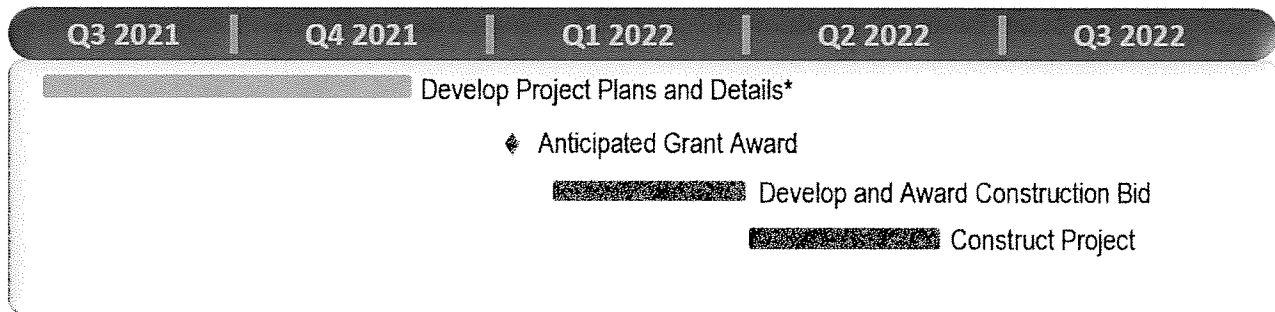
Evaluation Criterion C — Project Implementation

The project will follow the tasks detailed in the **Technical Project Description**. To ensure the successful execution of the proposed activities under the Project, the District plans to acquire support from a qualified professional consultant as later described in **Project Budget**. The proposed tasks will be completed within the

required two-year timeframe as shown in **Figure 3** below. **Figure 3** includes an estimated project schedule that shows the stages and duration of the proposed work, including any major tasks, milestones, and dates.

As described above, supported by the Agency’s technical assistance program, the District is conducting site-specific water audits, community outreach, and detail improvement design (planting plan, irrigation plan, construction details, project specifications) for the Stephen Harris Park with incorporation of best practices of State of California’s Model Water Efficient Landscape Ordinance. This effort is scheduled to be completed prior to the grant award in January 2022.

Following award of the grant in January 2022, the District will use the information and data developed through the Agency’s technical assistance program to develop and award a public and competitive bid for construction over a two-month period. After the contractor is selected, construction of the Project will take an additional two months. Note that the assumed start date of January 2022 may vary pending award of the grant but will still meet the two-year timeframe requirements of this grant.



Schedule is subject to change pending date of grant award but will occur within the two-year implementation timeframe requirement.
 * Project plans and details are being funded and developed independently by El Dorado Water Agency’s technical assistance program

Figure 3. Estimated Project Schedule

Permitting Requirements

No permits are anticipated for the Project. Minimal grading is anticipated to occur at the south side of the tennis courts at Stephen Harris Park (refer to **Figure 2** for proposed site plan). Due to the minimum impacts that would occur onsite, on property already owned by the District, the District is exempt on acquiring any additional Federal, State, or local permits. All other work consists of replacing the irrigation system and nonprogrammable turf; these activities do not require a permit. No work will be completed within the public right of way. No modifications will be made to the existing water sources for landscape irrigation purposes.

Engineering and Design Work

As described above, supported by the Agency’s technical assistance program, the District is conducting engineering and design work for the Stephen Harris Park. This includes site-specific water audits, community outreach, and detail improvement design (planting plan, irrigation plan, construction details, project specifications). This effort is scheduled to be completed prior to the grant award in January 2022.

Policies and Administrative Actions

To implement the Project, the only administrative actions required are by the District, and no new policies are needed. The District will perform the management of the construction or acquire a contractor for construction management separately.

Environmental and Cultural Resource

As described in **Environmental and Cultural Resources Compliance**, it is not anticipated that the Project will affect environmental or cultural resources in the Project area. The District has performed similar activities at different locations and environmental or cultural resources compliance was not needed, particularly as these proposed activities will be performed on the District's property that was already disturbed and developed.

Evaluation Criterion D — Nexus to Reclamation

The current source of water for landscape irrigation Stephen Harris Park for the Project is from El Dorado Irrigation District (EID), which has water rights from the South Fork American River and tributaries and a Central Valley Project (CVP) water service contract with Reclamation delivered from Folsom Reservoir to their customers along Highway 50 up the foothills to Camino and Pollock Pine areas for urban and rural-agricultural uses. Due to the elevation compatibility, EID prioritizes use of water supply from Folsom Reservoir for water needs in El Dorado Hills, including Stephen Harris Park, which is within the authorized Place of Use of Reclamation's water rights for the CVP. EID provides this service using its own water right and Reclamation's CVP contract water from Folsom Dam and Reservoir. However, the Project is not on Reclamation project lands or involves Reclamation facilities. The Project is not anticipated to provide benefits to any tribes in El Dorado County. As previously mentioned, the District and the Project location are also within the service area of the Agency, which is a wholesale agency and holds a separate CVP water service contract with Reclamation with both EID and Georgetown Divide Public Utility District as beneficiaries.

As described above the Project is located in the American River Watershed. In this same basin, the Federal facility, Folsom Dam and Reservoir, is located. Folsom Reservoir is a critical piece of the CVP's American River Division and is located downstream from the confluence of the North and South Forks of the American River. Reclamation stores and conveys CVP contract water supplies and water right diversions to many local water agencies through the Folsom facilities. As an integrated feature of the CVP, Folsom Reservoir also serves a critical role in managing water quality in the Sacramento-San Joaquin Delta (Delta) and management of Federally listed species in the Lower American River. As the nearest CVP facility to the Delta and with its superior water quality, Folsom Dam and Reservoir provided a rapid response to Delta outflow and water quality needs.

Efficient water use upstream of Folsom Reservoir, where the Project is located, will generate accumulated benefits in Folsom Reservoir. Additional downstream benefits can be realized through Reclamation's operation of Folsom Dam and Reservoir for all authorized purposes of the CVP.

PROJECT BUDGET

(1) Funding Plan and Letters of Commitment

The District cost sharing responsibility for the Project will be generated from the capital reserve fund between fiscal years 2021/2022. There are no funding sources outside of the District. There will not be any project costs that have been or will be incurred prior to award. Refer to **Table 1** for a summary of total project costs by source.

Table 1. Total Project Cost

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	\$ 75,000
Costs to be paid by the applicant (District)	\$ 75,200
Value of third-party contributions	\$ 0
TOTAL PROJECT COST	\$ 150,200

(2) Budget Proposal

Table 2 below details the Project budget proposal by category. **Table 3** provides details on the contractual/construction cost.

Table 2. Budget Proposal

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	TOTAL COST*
	\$/Unit	Quantity		
Salaries and Wages				\$822
Project Manager	\$37.24/hour	10	hour	\$372
Lead Maintenance Worker	\$29.98/hour	15	hour	\$450
Fringe Benefits				\$378
Project Manager	\$14.80/hour	10	hour	\$148
Lead Maintenance Worker	\$15.33/hour	15	hour	\$230
Travel				\$0
Not applicable for this project.				
Equipment				\$0
Not applicable for this project.				
Supplies and Materials				\$0
Not applicable for this project.				
Contractual/Construction Cost				\$149,000
Contractor	\$149,000/each	1	each	\$149,000
Other				\$0
Not applicable for this project.				
TOTAL DIRECT COSTS				\$150,200
Indirect Costs				\$0
Not applicable for this project.				
TOTAL ESTIMATED PROJECT COSTS				\$150,200

Note:

* Costs rounded to nearest dollar.

Table 3. Contractual/Construction Cost Details

Description	Quantity	Unit	Unit Price	Cost	Total
Demolition & Site Preparation					\$43,900
Clear and grub existing turf	35,000	sf	\$0.50	\$17,500.00	
Temporary construction fencing	11,000	lf	\$2.40	\$26,400.00	
Hardscape and Site Amenities					\$2,500
Interpretive Sign	1	ea	\$2,500.00	\$2,500.00	
Planting and Irrigation					\$98,300
Trees - 15 gallon	7	ea	\$150.00	\$1,050.00	
Soil preparation	35,000	sf	\$0.45	\$15,750.00	
Mulch	35,000	sf	\$0.65	\$22,750.00	
Planting – 5 feet on center, 1 gallon	1,500	ea	\$10.00	\$15,000.00	
Irrigation	35,000	sf	\$1.25	\$43,750.00	
Subtotal					\$144,700
Project mobilization/bonding @ 3.0% of subtotal					\$4,300
Contractual/Construction Total					\$149,000

Note: Values rounded to nearest hundred dollars. It is recognized that the District has no control over the costs of materials, equipment, labor, or the contractor's method of determining bid prices. Prices may vary from this preliminary opinion of probable cost.

(3) Budget Narrative

This section describes the items included in the above budget proposal in more detail.

Salaries and Wages

Ryan Kukkola, the Parks Supervisor at the District, will be the Project Manager for the Project. David Ekness is also with the District and will be the Lead Maintenance Worker. Salaries and wages are calculated in **Table 2** above.

The labor rates included in the budget proposal represent the actual labor rates of the identified personnel and are consistently applied to Federal and non-Federal activities.

Financial reports and interim reports will be completed annually throughout the duration of the project and one final performance report will be completed detailing the completion of the proposed project.

Fringe Benefits

Fringe benefits for full time permanent employees and their families include taxes, Federal Insurance Contributions Act, Medicare, state unemployment insurance, workers compensation, cafeteria meals, and the California Public Employees Retirement System. The value of hourly fringe benefit will vary by the employee. The actual calculation for the hourly fringe benefit rate for each assigned employee is shown in the detail in **Table 2** above.

Travel

No travel is assumed necessary for the Project.

Equipment

Contractor will supply any equipment needs within their bid.

Materials and Supplies

Contractor will supply any materials and supplies within their bid. Irrigation, plants, construction fencing amendments, and mulch will be provided by the contractor.

Contractual

The Project will be completed by a contractor. The District will be responsible for procuring a qualified contractor and overseeing contractor work. At this time, no contractor has been selected. In accordance with the Notice of Funding Opportunity, all procurements with an anticipated aggregate value that exceeds the Simplified Acquisition Threshold (\$10,000) will undergo a competitive procurement method. Refer to **Table 3** for detailed contractual tasks and associated costs.

Third-Party In-Kind Contributions

There are no third-party in-kind contributions identified for this project at this time.

Environmental and Regulatory Compliance Costs

It is not anticipated that the Project will affect environmental or cultural resources in the Project area. The District has performed similar activities at different locations and no environmental or cultural resources compliance was needed.

Other Expenses

There are no assumed other expenses for the Project.

Indirect Costs

There are no assumed indirect costs for the Project.

Total Costs

The total cost for the project activities proposed under the Project is \$150,200.

ENVIRONMENTAL AND CULTURAL RESOURCES COMPLIANCE

It is not anticipated that the Project will affect environmental or cultural resources in the Project area.

Will the proposed Project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.

It is not anticipated that the Project will have a direct impact on the surrounding environment. Removal of turf is less than 1 acre and can be controlled with watering. There are also no sensitive habitats located in the area to be renovated.

Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the area? If so, would they be affected by any activities associated with the proposed Project?

Within the Project area there are no species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the area.

Are there wetlands or other surface waters inside the Project boundaries that potentially fall under Clean Water Act (CWA) jurisdiction as "Waters of the United States?" If so, please describe and estimate any impacts the proposed project may have.

Within the Project area, there are no wetlands or surface waters that fall under Clean Water Act (CWA) jurisdiction as "Waters of the United States".

When was the water delivery system constructed?

The Project is located at Stephen Harris Park whose water delivery system/irrigation system was constructed in 1975.

Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.

It is not anticipated that the Project will result in any modification of, or effects to, individual features of an irrigation system.

Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places?

There are no known buildings, structures, or features in the Project listed or eligible for listing on the National Register of Historic Places.

Are there any known archeological sites in the proposed area?

There are no known archeological sites within the Project area.

Will the proposed Project have a disproportionately high and adverse effect on low income or minority populations?

It is not anticipated that the Project will have a disproportionately high and adverse effect on low income or minority populations.

Will the proposed Project limit access to, and ceremonial use of, Indian sacred sites or result in other impacts on tribal lands?

It is not anticipated that the Project will limit access to and ceremonial use of Indian sacred sites or result in other impact on tribal lands.

Will the proposed Project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

It is not anticipated that the Project will contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the project area.

REQUIRED PERMITS OR APPROVALS

Minimal grading is anticipated to occur at the south side of the tennis courts at Stephen Harris Park (refer to **Figure 2** for proposed site plan). Due to the minimal impacts that will occur onsite, the District is exempt on acquiring any Federal, State, or local permitting. All other work consists of replacing the irrigation system and turf; these activities do not require a permit. No work will be completed within the public right of way. No modifications will be made to the existing irrigation water source. The District will approve the plans and put the Project out to competitive bid.

APPENDIX A: LETTERS OF SUPPORT

The proposed Project received support from the entities listed below. The entities are presented in alphabetic order and the letters of support are provided below.

- American River Conservancy
- El Dorado County Planning and Building Department
- El Dorado Water Agency



**WaterSMART Grants:
Small-Scale Water Efficiency Projects Grants**

Notice of Funding Opportunity No. R21AS00300

Appendix A - Letters of Support



March 8, 2021

Mr. Kevin Loewen
El Dorado Hills Community Services District
1021 Harvard Way
El Dorado Hills, CA 95762

Subject: Support for the El Dorado Hills Community Services District's Stephen Harris Park Water Savings Project: Notice of Funding Opportunity No. R21AS00300

Dear Kevin:

I am writing on behalf of American River Conservancy to express support for the El Dorado Hills Community Services District's (District) Stephen Harris Park Water Savings WaterSMART Small-Scale Water Efficiency Projects Grants application. We understand that this project will help conserve and use water more efficiently by removing portions of the existing turf and replacing it with drought tolerant plants at the Stephen Harris Park.

We understand that the District's mission is to enhance the quality of life for El Dorado Hills residents through innovative, responsible leadership and by providing superior services and facilities. As part of performing that obligation, the District cooperates with other entities to fund and/or plan, design, protect and develop water supplies and facilities within, or that materially affect, the waters of or for El Dorado County. We agree that this project will help support the District's charge by enhancing supply reliability through improving the existing publicly owned landscape and irrigation at Stephen Harris Park. We advocate that this project will furthermore improve water efficiency and supply reliability not only locally, but in this region and downstream, by reducing water use.

American River Conservancy's mission to protect and steward habitats in the Upper American River and Upper Cosumnes River watersheds recognizes that one of the foundations of healthy habitats in our local watersheds is California native plants. It is our hope that this project will complement and expand local efforts to increase California native plant installation and increase local pollinator and songbird habitat as mutually beneficial impacts. Additionally, American River Conservancy believes that water conservation through projects such as this will be crucial to ensure viability and sustainability for the future where water supplies are more uncertain.

Sincerely,

A handwritten signature in cursive script that reads "Elena DeLacy".

Elena DeLacy
Executive Director



PLANNING AND BUILDING DEPARTMENT

www.edcgov.us

PLACERVILLE OFFICE:

2850 Fairlane Court, Placerville, CA 95667

BUILDING

(530) 621-5315 / (530) 622-1708 Fax

blgdept@edcgov.us

PLANNING

(530) 621-5355 / (530) 642-0508 Fax

planning@edcgov.us

LAKE TAHOE OFFICE:

924 B Emerald Bay Rd

South Lake Tahoe, CA 96150

(530) 573-3330

(530) 542-9082 Fax

March 4, 2021

Mr. Kevin Loewen
El Dorado Hills Community Services District
1021 Harvard Way
El Dorado Hills, CA 95762

Subject: Support for the El Dorado Hills Community Services District's Stephen Harris Park Water Savings Project: Notice of Funding Opportunity No. R21AS00300

Dear Kevin:

I am writing on behalf of El Dorado County to express support for the El Dorado Hills Community Services District's (District) Stephen Harris Park Water Savings WaterSMART Small-Scale Water Efficiency Projects Grants application. We understand that this project will help conserve and use water more efficiently by removing portions of the existing turf and replacing it with drought tolerant plants at the Stephen Harris Park.

We understand that the District's mission is to enhance the quality of life for El Dorado Hills residents through innovative, responsible leadership and by providing superior services and facilities. As part of performing that obligation, the District cooperates with other entities to fund and/or plan, design, protect and develop water supplies and facilities within, or that materially affect, the waters of or for El Dorado County. We agree that this project will help support the District's charge by enhancing supply reliability through improving the existing publicly owned landscape and irrigation at Stephen Harris Park. Landscape water efficiency improvements are known to have significant water savings and are highly visible for public educational purposes. We advocate that this project will furthermore improve water efficiency and supply reliability not only locally, but in this region and downstream, by reducing water use.

This project will assist the County in further meeting its water efficiency goals and objectives.

Sincerely,

Tiffany Schmid, Director
Planning and Building Department

Brendan Ferry, Deputy Director
Tahoe Planning and Stormwater

c: Don Ashton, Chief Administrative Officer
John Hidahl, District I Supervisor



March 15, 2021

Mr. Kevin Loewen
El Dorado Hills Community Services District
1021 Harvard Way
El Dorado Hills, CA 95762

Subject: Support for the El Dorado Hills Community Services District's Stephen Harris Park Water Savings Project: Notice of Funding Opportunity No. R21AS00300

Dear Kevin:

I am writing on behalf of the *El Dorado Water Agency* (Agency) to express support for the El Dorado Hills Community Services District's (District) Stephen Harris Park Water Savings WaterSMART Small-Scale Water Efficiency Projects Grants application. We understand that this project will help conserve and use water more efficiently by removing portions of the existing turf and replacing it with drought tolerant plants at the Stephen Harris Park.

We understand that the District's mission is to enhance the quality of life for El Dorado Hills residents through innovative, responsible leadership and by providing superior services and facilities. As part of performing that obligation, the District cooperates with other entities to fund and/or plan, design, protect and develop water supplies and facilities within, or that materially affect, the waters of or for El Dorado County. We appreciate that this project will help support the District's charge by enhancing supply reliability through improving the existing publicly owned landscape and irrigation at Stephen Harris Park. Landscape water efficiency improvements are known to have significant water savings and are highly visible for public educational purposes. We advocate that this project will furthermore improve water efficiency and supply reliability not only locally, but in this region and downstream, by reducing water use.

The Agency appreciates the District's efforts to work collaboratively and support the Agency's adopted Resource Management Strategy No. 5a, to *ensure water infrastructure integrity, operations, and maintenance through agency-specific Capital Improvement Programs* and our adopted Policy WRDMP-02, ... to *improve water resources management in El Dorado County, with anticipated economic and public benefits accrued in all communities throughout El Dorado County.*

Sincerely,
EL DORADO WATER AGENCY

A handwritten signature in black ink that reads "Kenneth V. Payne".

Kenneth V. Payne, P.E.
General Manager

(530) 621-5392
4330 Golden Center Drive, Suite C, Placerville, CA 95667
edcwa@edcgov.us
EDWaterAgency.com



**WaterSMART Grants:
Small-Scale Water Efficiency Projects Grants**

Notice of Funding Opportunity No. R21AS00300

Appendix B - Official Resolution

APPENDIX B: OFFICIAL RESOLUTION

The official resolution will be adopted by the District's Board of Directors after submittal of the application due to timing of board meetings. The official resolution will verify the requirements set forth in this Notice of Funding Opportunity. The official resolution will be submitted to bor-sha-fafoa@usbr.gov within 30 days of the application deadline.