

HEBER PUBLIC UTILITY DISTRICT

REPORT TO BOARD OF DIRECTORS

MEETING DATE: March 19, 2020

FROM: Laura Fischer, General Manager

SUBJECT: Authorize the General Manager to Solicit Proposals for the Purchase and Installation of a fabric shade structure at the water plant shop building.

ISSUE:

Shall the Board of Directors authorize the General Manager to solicit proposals for the Purchase and Installation of a fabric shade structure at the water plant shop building?

GENERAL MANAGER’S RECOMMENDATION:

It is recommended that the Board of Directors authorize the General Manager to solicit proposals for the purchase and installation of fabric shade structure at the water plant shop.

FISCAL IMPACT: Staff recommends the 50’X40’ size that will fit in the location. See picture on next page.

SAMPLE QUOTE: USA SHADE

- 30’X40’ Hip Shade = \$37,500
- 40’X40’ Hip Shade = \$43,500
- 35’X60’ Joined Hip Shade = \$55,000
- 50’X40’ Hip Shade=\$83,500**

Funding Reserved for Project via Resolution 2019-03 and amended via Resolution 2019-10 establishing a reserve budget for the upgrades to shop at Ingram Avenue in the amount of \$200,000. Amount by Fund: Parks \$20,000; Water \$90,000; Sewer \$90,000.

Capital Improvement Project Description: Upgrade Shop at Ingram Avenue including new shade and expand usable area.

Total Funds Available for this Project: \$200,000. Staff realizes that the funding for this project is not enough for construction. Our Finance Manager has been requesting information regarding funding options to allow HPUd to build the shop project. While we secure funding, our employee need shade at this location. Should we build the shop at a larger location, the shad could be utilized for vehicle parking.

Reserve Funds	Water/Sewer/Parks - GENERAL PROJECTS								
Funding Source									
	Upgrades to Shop at Ingram Ave		\$ 200,000						
Water 45% Sewer 45% Parks 10% Split	Upgrade to Shop at Ingram Ave. Including new shade and expand usable area		Project Cost	Project Schedule	Project Schedule	Project Schedule	Project Schedule	LONG TERM	Project Totals
			\$ 200,000	FY 19-20	FY 20-21	FY 21-22	FY 22-23	6-10 YRS	
	Project Components								
	15%	Admin - Engineering	2500	2,500					2,500
		CM	5000	5,000					5,000
	Construction	192500	192,500					192,500	
	TOTAL		200,000	200,000	0				200,000

BACKGROUND:

This project is included in the FY 19-20 Capital Improvement Plan and is funded via Resolution 2019-10 Reserve Budget. The need for a new shade structure at the shop has been identified for years as the existing shade is leaning and unsafe. Due to the high temperatures in the area, our employees need a shaded area to work. The board was presented with a report on the condition of the shade and shop building. This report is attached for your consideration. According to a trustworthy contractor the shop building and shade should not be repaired. We need to remove the shade and install a semi-permanent solution until we have enough funds available to build a new shop building.

We feel that this shade structure will serve for many years until a new shop can be constructed. The life span of this type of shade is 10 years.

After the RFP is prepared and submitted to eligible contractors, staff will bring the bids back to the Board for consideration and to award the contract. At that time, a timeline for completion should be made available.

CONCLUSION:

As this project was included in the capital improvement budget for FY2019-20, staff recommends authorizing staff to submit a Request for Proposal for the purchase and installation of fabric shade structure at the shop on Ingram Avenue. Staff will get the required quotes for the purchase of the shade structure.

ALTERNATIVES:

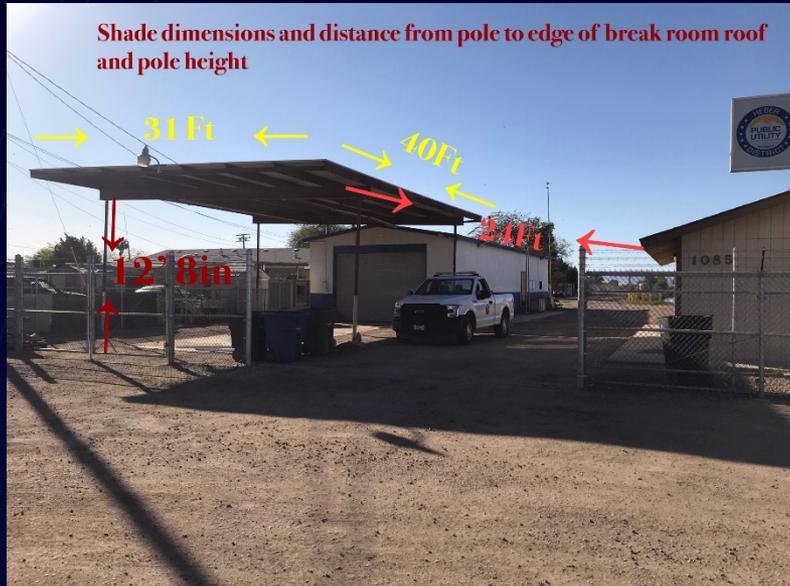
- 1) Do not authorize the General Manager to solicit proposals for the purchase and installation of fabric shade structure at the shop on Ingram Avenue.
- 2) Provide alternate direction to staff to address the need for shade at the shop.

Respectfully Submitted,

Laura Fischer, General Manager

Attachments: Sample design of shade
Sample quote for shade

Heber Public Utility District (HPUD)



*30' x 40' Hip Structure \$37,500

*Pricing includes engineering, electrical integration prep. unit, installation at prevailing wages, tax, freight, dirt removal and concrete cutting. Per the SJCOE Piggyback agreement.

*Pricing assumes standard engineering with drill pier footings, "Colourshade" HDPE mesh fabric, and standard powder coat color.

*Pricing excludes permit fees, unforeseen underground obstacles, resilient surfacing repair

Contact: Paul Publico
USA Shade & Fabric Structures
(619) 616-8272
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***40' x 40' Hip Structure \$43,500**

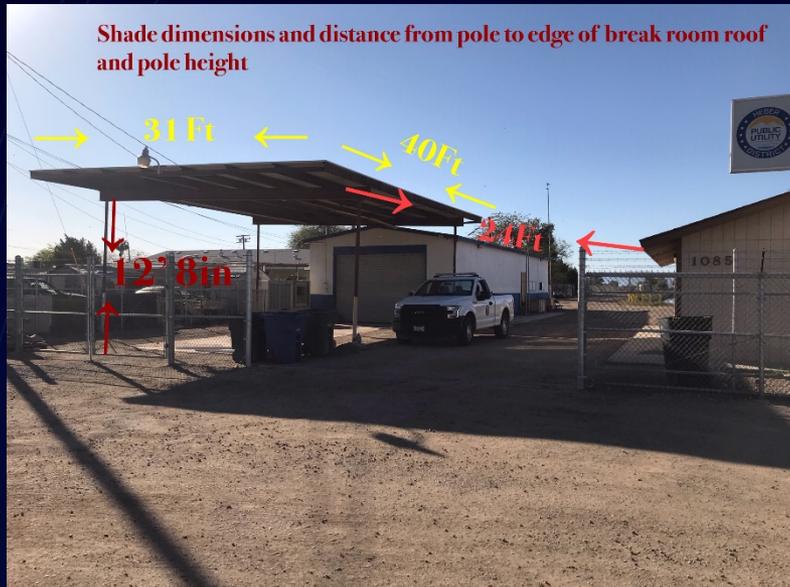
*Pricing includes engineering, electrical integration prep. unit, installation at prevailing wages, tax, freight, dirt removal and concrete cutting. Per the SJCOE Piggyback agreement.

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*35' X 60' Joined Hip Structure
\$55,000

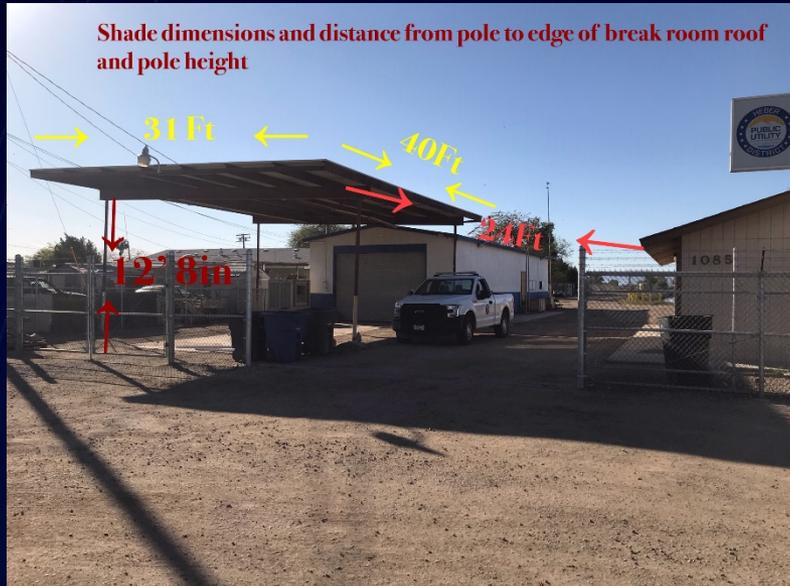
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*50' x 40' Hip Structure \$83,500

*Pricing includes engineering, electrical integration prep. unit, installation at prevailing wages, tax, freight, dirt removal and concrete cutting. Per the SJCOE Piggyback agreement.

*Pricing assumes standard engineering with drill pier footings, "Colourshade" HDPE mesh fabric, and standard powder coat color.

*Pricing excludes permit fees, unforeseen underground obstacles, resilient surfacing repair

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HEBER PUBLIC UTILITY DISTRICT REPORT TO BOARD OF DIRECTORS

MEETING DATE: March 21, 2019

FROM: Laura Fischer, General Manager

SUBJECT: Update on the Shade Structure at the Water Treatment Plant Capital Improvement Project and Condition of Shop Building

INFORMATION ONLY:

As you know the replacement of the shade structure at the WTP shop has a \$200,000 budget included in the CIP project list for FY 18-19. Staff has met with a licensed contractor to determine what can be done with the existing shade and to inspect the shop building. The shade cannot be repaired or relocated, but the metal can be salvaged and recycled.

FISCAL IMPACT:

The estimated cost to remove and replace the shade (same size and location) is estimated to be as follows:

Funded Via Resolution 2018-10	Water/Sewer/Parks - GENERAL PROJECTS			
Funding Source	Upgrades to Shop at Ingram Ave			
<i>Water 45% = \$90K Sewer 45% = \$90K Parks 10% = \$20K Split</i>	Upgrade to Shop at Ingram Ave. Including new shade and expand usable area		Project Schedule FY 18-19	Projected Cost 3/21/19
	Project Components			
		Admin - Engineering & Permits	2,500	7,000
	15%	Construction Management	5,000	8,000
		Demo of Existing Shade		25,000
		Construction of Shade Same Location Same Size 30' X 40' = 1,200 sq. ft. at \$85 per sq foot.	192,500	102,000
	TOTAL	200,000	142,000	

As you can see in the pictures below, the shade doesn't have cross beams and is leaning. The foundation and corner poles are weak and the above ground bolts are corroding and some are loose.



Notice the bubble in the level to the left. This is one of the four poles holding up the shade.



Additionally, the contractor noted large cracks in the current shop building cement foundation. He noticed that it had been repaired once, but has cracked open. He advised that the cement will continue to erode and the foundation cracks will expand. The crack is about 1 inch wide and runs down the entire length of the building. The current building's electrical service and wiring would need to be replaced as well. Francisco and his crew repaired the roof about 15 years ago.

The current shop building is fine for now, but will eventually need a large investment to replace the foundation. If left as is, it could be used for just storage (non-human use). The photos below show the crack down the middle of the shop building.



Some options that the Board should consider:

- The current location is not ideal for a shop/equipment storage as the area at the water treatment plant is crowded with two additional buildings. The overview map below shows how the shop is located very close to the raw water ponds and is crowded next to the residential neighborhood.
- Build a new shop, equipment storage area and shade at either the water treatment plant or the wastewater treatment plant. We received an estimate of \$115 per square foot for a simple shop building. A new electrical service would need to be installed, and all applicable permits would need to be secured. Staff estimates that a new shop would cost \$350,000 for a 2,400 square foot shop. Our existing shop is 1,200 square feet.

- The HPUD could purchase an existing shop with room for expansion.

Default Title



This is information only, and staff will continue to investigate alternatives to the existing shop building at the water treatment plant. This capital improvement project will be included for discussion at the budget workshops in May.

Respectfully Submitted,

Laura Fischer,
General Manager