



BOARD OF SUPERVISORS AGENDA ITEM REPORT
AWARDS / CONTRACTS / GRANTS

Award Contract Grant

Requested Board Meeting Date: 02/21/2023

or Procurement Director Award:

* = Mandatory, information must be provided

***Contractor/Vendor Name/Grantor (DBA):**

Arizona Department of Forestry and Fire Management

***Project Title/Description:**

Post Wildfire Flood Mitigation Finger Rock Wash at Skyline Drive Flood Control Culvert Improvement

***Purpose:**

Grant supports mitigation efforts to prevent flooding related to wildfires. The Skyline/Finger Rock area is in the Bighorn burn scar, and suffered significant flooding during the 2021 and 2022 monsoon seasons. Flooding was related to debris from the fire that has clogged the intake culvert. The flooding also created additional debris in the area, aggravating the flooding hazard. More flooding is anticipated here during the 2023 monsoon. This funding will support improving the culvert to prevent additional flooding including overtopping and potential damage to Skyline Drive and other utilities associated with it.

***Procurement Method:**

Not applicable.

***Program Goals/Predicted Outcomes:**

Remove the debris in the area that has aggravated flooding in an area prone to flooding as a result of the Big Horn fire.

***Public Benefit:**

Improves public health and safety by improving a flood hazard.

***Metrics Available to Measure Performance:**

Debris removal proceeds and is completed in a timely manner to permit mitigation work to proceed before the 2023 monsoon.

***Retroactive:**

No.

GMI Approves
AF 2/6/23

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (*) fields

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
Commencement Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
Expense Amount \$ _____ * Revenue Amount: \$ _____

*Funding Source(s) required: _____

Funding from General Fund? Yes No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? Yes No

If Yes, is the Contract to a vendor or subrecipient? _____

Were insurance or indemnity clauses modified? Yes No
If Yes, attach Risk's approval.

Vendor is using a Social Security Number? Yes No
If Yes, attach the required form per Administrative Procedure 22-10.

Amendment / Revised Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
Amendment No.: _____ AMS Version No.: _____
Commencement Date: _____ New Termination Date: _____
Prior Contract No. (Synergen/CMS): _____

Expense Revenue Increase Decrease

Amount This Amendment: \$ _____

Is there revenue included? Yes No If Yes \$ _____

*Funding Source(s) required: _____

Funding from General Fund? Yes No If Yes \$ _____ % _____

Grant/Amendment Information (for grants acceptance and awards)

Award Amendment

Document Type: GTAW Department Code: FC Grant Number (i.e., 15-123): 23*090
Commencement Date: 03/01/2023 Termination Date: 08/31/2023 Amendment Number: _____
Match Amount: \$ _____ Revenue Amount: \$ 2,630,000

*All Funding Source(s) required: Arizona Department of Forestry and Fire Management

*Match funding from General Fund? Yes No If Yes \$ _____ % _____

*Match funding from other sources? Yes No If Yes \$ _____ % _____

*Funding Source: No match

*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?
No Federal funds

Contact: Greg Saxe

Department: Regional Flood Control

Telephone: 724-4633

Department Director Signature: _____ Date: 2/2/2023

Deputy County Administrator Signature: _____ Date: 2/6/2023

County Administrator Signature: _____ Date: 2/7/2023

Order Desk (ICS-213RR)

Last Update: 01/12/2023 14:34:40

Resource Request Message

Purpose: The Resource/Mission Request is used by all incident personnel to request tactical and non-tactical resources

1. Incident Name:
e DFFM Post-Fire Flood Mitigation

Date/Time:
08/05/2022 15:21:28

3. Resource Request #
R-2169655

4. ORDER Note: *****Use additional forms when requesting different resource source of supply*****

Request Details

a. Qty	b. Short Description	c. Kind Type	d. NIMS Category
0	Skyline Drive Culvert	Overhead	(Select)

Routing: State of Arizona Department of Forestry and Fire Management

f. Detailed item description (vital characteristics, brand, specs, experience, etc.) and, if applicable, purpose/use, diagrams, and other info.

1. Fire Name: Bighorn Fire 2020
 2. This request is for DFFM Post-Fire Funding
 3. Item: Skyline Drive at Finger Rock Flood Mitigation Project
 4. Quantity: Not applicable
 5. Estimated Cost:
 a. A detailed cost estimate for the project was prepared based on the attached "Skyline Drive at Finger Rock Wash" exhibit showing the plan, profile and typical section of the proposed four barrel 12' x 10' x 85' reinforced concrete box culvert for the Finger Rock Wash drainage crossing.
 b. A cost breakdown is as follows:
 i. Preliminary Engineering (FY - TBD) - \$355,000
 ii. Construction (FY - TBD) - \$2,275,000
 iii. Total - \$2,630,000
 The estimate was developed using current unit costs for the Tucson area and includes proper allowances and contingencies associated with planning level cost estimating.
 6. Estimated time of item deployment (if rental): Not applicable
 7. Intended purpose or scope of work:
 The scope of work consists of increasing the capacity of storm water conveyance by expanding culvert from 48" currently in place and unable to handle significant water runoff from Bighorn Fire. Expansion will reduce the risk of road comprise and possible breach of entire roadway. Cascading effects include downstream risk to parcels, critical infrastructure and utilities. Additional hydraulic capacity is needed to prevent storm water runoff from overtopping Skyline Road due to changes in the upstream watersheds caused by the Bighorn Fire of 2020 in the Coronado National Forest.
 The proposed scope of work includes the following:
 • Engineer, permit and obtain environmental clearances for the proposed new culvert.
 • Acquisition of new right-of-way and temporary construction easements
 • Procure & Install a triple 12' x 10' x 85' reinforced concrete box culvert crossing Skyline Drive at Finger Rocks Wash.
 • Closure of Skyline Road during construction
 • Site Preparation including Grading, Demolition and the Relocation, adjustments and protection of existing utilities
 • Concrete Culvert installation, including formwork, steel rebar installation and concrete per standard ADOT culvert details and specifications
 • Placement of large rip-rap channel protection at the culvert outlet
 • Reconstruction of Skyline Drive at Finger Rocks Wash
 • Restoration of site

Right of way requirements include the need for temporary construction access and staging needs, as well as a permanent drainage easement on two current private property parcels (open drainage space) for the new outlet structure. This provides the County with the ability to maintain the outlet in perpetuity. The total land impact is currently estimated at 1.1 acres of land held in

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					<p>common by adjacent neighborhood communities and is located within the floodplain. The proposed use (drainage easement) is consistent with the current location within a riparian wash area.</p> <p>Site preparation is including three major areas of work: grading, demolition and utility coordination. Grading will include preparing the ground for installation of new culvert and outlet, removal of vegetation, removal of excess dirt, and required compaction for structures (see cost estimate for quantities). Demolition will include the removal of existing roadbed at new culvert, removal of the existing pipe, and any ancillary items within the project area such as existing guardrail. Utilities adjacent to work include gas, electric, water, sewer and communications. Most of the utilities will remain protected in place. Coordination with utilities in advance of construction will provide them an opportunity to relocate during the project, at their cost.</p> <p>Concrete Culvert installation will follow the standard Arizona Department of Transportation details and specifications for installation of a four new 12' x 10' x 85' long reinforced box culverts. This will include installation of formwork, steel rebar, and concrete. Typical installation requires multiple concrete pours for base, walls, and roof</p> <p>8. The location where the item will be deployed: Project is not a mobile asset, but rather fixed site construction.</p> <p>9. Prioritization of the resources requested: This requests addresses both life safety, property protection, and reduced threat to critical infrastructure.</p>
g. Requested Reporting:					
Location	Date/Time	h. Order # (LSC)	i. ETA (LSC)	j. Cost	
Skyline Drive and Finger Rock Wash	08/06/2022 03:22:59			\$2,630,000.00	
<p>5. Suggested Source(s) of supply - POC phone number if known and suitable substitutes: Vendor selection following Pima County Procurement process.</p>					
Request POC Greg Saxe, Environmental Planning Manager		Request POC Number 520-724-4600			
Request Status					
Assigned					

Deployments				
Deployment#	Qty	Kind	Type	Details

Comments			
Position	Name	Date/Time	Comment
DEMA - LOG Order Desk	Sabrina Lehrke	01/12/2023 14:34:19	Notified Sandra Espinoza and Shane Clark of update via email.
State of Arizona Department of Forestry and Fire Management	John Richardson	01/12/2023 14:05:51	DFFM and DEMA consulted on 1/10/2023. DFFM approves this request.
DEMA - LOG Order Desk	Sabrina Lehrke	01/10/2023 13:32:44	Notified John Richardson of update via email.
County - Pima EOC Manager	Sandra Espinoza	01/06/2023 11:38:22	Pima County is requesting reconsideration of DFFM Post-Fire Flooding request for Skyline Drive submitted August of 2022 and not funded pending FEMA mitigation status. As of this request, the project remains unfunded and under EHP review, with the NEPA review being the lengthiest. This site remains a high priority due to the risk posed downstream of post fire flooding. As you may recall, this watershed has been inundated with debris flow from the 2020 Bighorn Fire scar, resulting in infrastructure damage and requiring evacuation of residents in each of the two summer monsoon seasons since the fire and most recently an Assisted Living Facility. We are all uneasy with the risk posed by the upcoming monsoon and uncertainty of EHP review timeline or if FEMA funding will be awarded. Award of DFFM Post Fire Flood Mitigation funds would provide Pima County the opportunity to act quickly and mitigate future flooding risks within the next 5-7 months.

DEMA - LOG Order Desk	Sabrina Lehrke	08/24/2022 09:50:38	Notified Sandra Espinoza of update via email.
State of Arizona Department of Forestry and Fire Management	John Richardson	08/24/2022 09:15:25	DFFM and DEMA reviewed this project again on 8/23/2022. We maintain our same position as previously stated and this request is denied (HB 2001, paragraph B) pending FEMA funding. DFFM/DEMA support funding debris removal related to this project which can be submitted in a separate 213RR.
DEMA - LOG Order Desk	Sabrina Lehrke	08/17/2022 09:03:19	Notified Sandra Espinoza of update via email.
State of Arizona Department of Forestry and Fire Management	John Richardson	08/17/2022 08:42:35	DFFM and DEMA consulted on 8/16/2022. This request is partially denied pending FEMA funding. Reference paragraph B of HB2001. DFFM and DEMA will review the cost/project for debris removal. DFFM and DEMA will reevaluate the request if it is denied by FEMA.
DEMA - LOG Order Desk	Sabrina Lehrke	08/16/2022 10:59:25	Routed to DFFM and notified John Richardson via email.
DEMA - LOG Order Desk	Sheldon Ross	08/10/2022 14:56:26	Spoke with Sandra at PCEM and advised that DFFM would like to look at the debris removal costs to see if eligible for the fund. Additional research needs to be done to see if the mitigation is eligible