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www.huntercontracting.com

August 11, 2023

David Pedersen
Project Manager - Capital Improvements
211 W Aspen Avenue
Flagstaff, AZ 86001
Office :: 928.213.2677 || Cell :: 928.607.2515

RE: Pipeline West Post-Fire Flooding – INNER BASIN WATERLINE
City of Flagstaff Project No.: 3519 / PS Pipeline
AZDEMA Declaration #SD2302

Subject: Design-Build Services DS-3 Cost Proposal (GMP-3)

Dear Mr. Pederson,

Included is the Hunter Contracting Co. / Jacobs Design-Build Team's Cost Proposal and Guaranteed Maximum Price (GMP-3) of **\$2,425,978.03** for the Schultz Flooding Inner Basin Road & Pipeline Reconstruction project. This GMP-3 will deliver to the City of Flagstaff 100% Design documents and will have a term through March 31, 2024.

Final Design documents provided will include drawings and details for all sites. Plan and Profile designs will be provided for the sites based on site visits, project research, mapping data, ongoing discussions and historical performance of previous sites.

Also included are additional cost allocation allowances for continued construction through Fall 2023 if allowable. Depending on weather and seasonal changes, construction of the following sites may be possible: 2, 4, 7, 9, and A.

Also included are estimated hours for personnel from Hunter Contracting Co. and Jacobs Engineering for continued preconstruction efforts and project engagement. Additionally, Jacobs has included funds for sub-consultant EnviroSystems. EnviroSystems funds are being proposed to be used on a time and material (T&M) basis.

The following summary sheet breaks down costs for items listed above.

If you have questions or comments, please do not hesitate to contact me at 520-954-3016 (cell) or at my direct office line 480-632-4954.

Thank you for your time and consideration.

Chuck English
President
Hunter Contracting Co.

SUMMARY of TOTAL COST THROUGH 100% DESIGN & ON GOING CONSTRUCTION (GMP 3)

ESTIMATED PROJECT COSTS, BY FIRM

Firm	Estimated Labor-Hours			
Hunter Contracting Co.	249	46%	\$	36,608.50
Jacobs	296	54%	\$	47,600.00
Estimated Direct Labor Hours	545		Total Estimated Costs	\$ 84,208.50
			Total Cost	\$ 84,208.50

OTHER ESTIMATED OUTSIDE SERVICES & CONSULTANTS

EnviroSystems Management (Subconsultant to Jacobs)(Time and Materials)	\$	63,733.00
Aerotech Mapping (Subconsultant to Jacobs)	\$	-
Jacobs Engineering Contingency for Survey	\$	-
Consultant Contingency for Additional Scope	\$	-
	\$	63,733.00
Total Estimated Outside Services	\$	63,733.00
Total Estimated Cost, Combined	\$	147,941.50
Design Services GMP 3	\$	147,941.50
Construction Cost Allocation Allowances GMP3	\$	2,278,036.53
Total GMP 3	\$	2,425,978.03
Previous Contracts GMP 1, GMP 2	\$	3,410,074.87
Total Contract to Date	\$	5,836,052.90



Chuck English
President

8/11/2023

Date

Contract Time is 9/1/23 - 03/31/24



City of Flagstaff
Schultz Flooding Inner Basin and Pipeline Reconstruction
DERIVATION OF COST PROPOSAL FOR HUNTER CONTRACTING CO.



SUMMARY

ESTIMATED DIRECT LABOR

Classification	Estimated Labor-Hours		Average Hourly Rate	Labor Costs
Program Manager	37	15%	\$ 166.30	\$ 6,153.10
Project Manager	0	0%	\$ 145.40	\$ -
Preconstruction Manager	120	48%	\$ 145.40	\$ 17,448.00
Superintendent	0	0%	\$ 134.95	\$ -
Senior Estimator	72	29%	\$ 134.95	\$ 9,716.40
Project Engineer	20	8%	\$ 94.05	\$ 1,881.00
Administration	0	0%	\$ 89.05	\$ -
Estimated Direct Labor Hours	249		Total Estimated Direct Labor	\$ 35,198.50
			Total Labor Cost	\$ 35,198.50

ESTIMATED DIRECT EXPENSES

Travel	\$ -
Subsistence	\$ 1,410
Publications and Supplies	\$ -
Reproductions	\$ -
	\$ 1,410
Total Direct Expenses	\$ 1,410.00

ESTIMATED OUTSIDE SERVICES & CONSULTANTS

Sub 1	\$ -
Sub 2	\$ -
Sub 3	\$ -
Sub 4	\$ -
	\$ -
Total Estimated Outside Services	\$ -
Total Estimated Cost, Combined	\$ 36,608.50
Total Estimated Cost (Hunter Contracting Co.)	\$ 36,608.50

Hunter Contracting, Co.

8/11/2023

Date



DERIVATION OF ESTIMATED LABOR HOURS FOR HUNTER CONTRACTING CO.

Scope Ref.	MILESTONE SUBMITTAL	Sheet Count	Program Manager	Project Manager	Precon Manager	Project Supt.	Senior Estimator	Project Engineer	Admin	Total Hours
100% FINAL PLANS										
	Site Visits		8		8		8			24
	Site Safety Plan/Logistics									
	Final Reviews for Construction		4		4		4			12
	Project Schedule Development (In Construction GMP)									
	Sub/Vendor Outreach				12		12			24
	100% Cost Estimate (Time allocated from GMP 2)									
	Agency Coordination				4					4
	GMP 4 Development & Review		4		32		48	20		104
100% FINAL PLANS SUBTOTALS:			16		60		72	20		168
PROJECT COORDINATION / ADMINISTRATIVE										
NOTE: See Mtg. Summary for detailed breakdowns										
	Kick-Off / Scoping Meeting	Mtgs								
	Council Workshop/Meeting	1 Mtgs			6					6
	Progress Meetings (Virtual)	21 Mtgs	21		21					42
	Progress Meetings (Contractor)	2 Mtgs			9					9
	Plan/Cost Reviews (Flagstaff)	2 Mtgs			24					24
	Project Workshops (Flagstaff)	Mtgs								
	Public Meeting	TRUE								
PROJECT COORDINATION / ADMINISTRATIVE SUBTOTALS:			21		60					81
TOTAL HOURS (Hunter Contracting Co.)			37		120		72	20		249



MEETING ACTIVITIES FOR HUNTER CONTRACTING CO.

Scope Ref.	MILESTONE SUBMITTAL	Sheet Count (If Applicable)	Program Manager	Project Manager	Precon Manager	Project Engineer	Project Superintendent			Clerical	Total Hours
PROJECT COORDINATION / ADMINISTRATIVE											
	Kick-Off / Scoping Meeting										
	Preparation (Special Plots, Exhibits)										
	Meeting Participation										
	Minutes										
	Sub-Total for each Meeting										
	Total for projected Meetings	Mtgs									
	Council Workshop/Meeting										
	Preparation (Special Plots, coordinates)										
	Meeting (Including Travel)				6						6
	Sub-Total for each Field Review				6						6
	Total for projected Field Reviews	1 Mtgs			6						6
	Progress Meetings (Virtual)										
	Preparation										
	Meeting		1		1						2
	Sub-Total for each Meeting		1		1						2
	Total for projected Progress Meetings	21 Mtgs	21		21						42
	Progress Meetings (Contractor)										
	Preparation				1						1
	Meeting				2						2
	Sub-Total for each Meeting				3						3
	Total for projected Progress Meetings	3 Mtgs			9						9
	Plan/Cost Reviews (Flagstaff)										
	Preparation				4						4
	Meeting for GMP Review				8						8
	Prepare Meeting Minutes										
	Sub-Total for each Meeting				12						12
	Total projected Team Meetings	2 Mtgs			24						24
	Project Workshops (Flagstaff)										
	Preparation										
	Meeting										
	Sub-Total for each Meeting										
	Total projected Workshop Meetings	Mtgs									
	Public Meeting										
	Preparation										
	Meeting										
	Prepare Meeting Minutes										
	Total projected for Public Meetings:	Mtgs									
PROJECT COORDINATION / ADMINISTRATIVE SUBTOTALS:			21		60						81

DERIVATION OF ESTIMATED DIRECT EXPENSES FOR HUNTER CONTRACTING CO.

TRAVEL:

MILEAGE (Personal Vehicles)

Personal Mileage:		Miles/	# of	Cost/	
Origin	Destination	Trip	Trips	Mile	
Meetings in Flagstaff		0	0	\$ 0.500	0
Event 2		0	0	\$ 0.500	0
Event 3		0	0	\$ 0.500	0
Event 4		0	0	\$ 0.500	0
Event 5		0	0	\$ 0.500	0

PERSONAL VEHICLE SUBTOTAL: \$ -

VEHICLE RENTAL (Large Vehicles from Rental Agencies):

SUV/UTV for Site Visits:	Days	Cost/day (Including Gas)		
Site Visits	0	\$200.00	\$	-
Event 2	0	\$200.00	\$	-
Event 3	0	\$200.00	\$	-
Event 4	0	\$200.00	\$	-
Event 5	0	\$200.00	\$	-

ATV for Site Investigations	Days	Cost/day		
Event 1	0	\$140.00	\$	-
Event 2	0	\$140.00	\$	-
Event 3	0	\$140.00	\$	-
Event 4	0	\$140.00	\$	-
Event 5	0	\$140.00	\$	-

VEHICLE RENTAL SUBTOTAL: \$ -

TRAVEL TOTAL: \$ -

SUBSISTENCE (Field Visits)

Lodging:	Event	Number of People	Days	Cost/day		
Meetings in Flagstaff		2	1	\$185.00	\$	370
Site Vistis		2	2	\$185.00	\$	740
Estimating/Outreach		0	0	\$185.00	\$	-
Event 4		2	0	\$185.00	\$	-
Event 5		2	0	\$185.00	\$	-
Event 6		2	0	\$185.00	\$	-
Event 7		2	0	\$185.00	\$	-
Event 8		2	0	\$185.00	\$	-
Event 9		2	0	\$185.00	\$	-

Meals:	Event	Number of People	Days	Cost/day		
Meetings in Flagstaff		2	1	\$50.00	\$	100
Site Vistis		2	2	\$50.00	\$	200
Estimating/Outreach		1	0	\$50.00	\$	-
Event 4		2	0	\$50.00	\$	-
Event 5		2	0	\$50.00	\$	-
Event 6		2	0	\$50.00	\$	-
Event 7		2	0	\$50.00	\$	-
Event 8		2	0	\$50.00	\$	-
Event 9		2	0	\$50.00	\$	-

\$ 1,410

SUBSISTENCE SUBTOTAL: \$ 1,410.00

PUBLICATIONS AND SUPPLIES

Maps (USGS, County, FEMA, Etc.)	\$	-
Exhibit Supplies, Duplicating Large Color Exhibits, Handouts	\$	-
Postage for Flyers	\$	-
Publications	\$	-
Historical Society Publications / reproduction for Cultural	\$	-
Surveying GPS Unit (Basis for cost)	\$	-
Surveying Lath and Supplies	\$	-
	\$	-

PUBLICATIONS AND SUPPLIES TOTAL: \$ -

REPRODUCTION (BY VENDOR):

PLOTTING

Velumns	# Dwgs	# Prints	Total	Cost/each		Subtotal
Final II	0	1	0	\$ 6.00	= \$	-
1/2 Size Reduction of Final II	0	1	0	\$ 3.50	= \$	-
					\$	-

Bond Originals (11 X 17)

Plans	# Dwgs	# Prints	Total	Cost/each		
Pre-Initial	0	0	0	\$ 0.15	= \$	-
Initial	0	0	0	\$ 0.15	= \$	-
Preliminary	0	0	0	\$ 0.15	= \$	-
Final I	0	0	0	\$ 0.15	= \$	-
Final II	0	0	0	\$ 0.15	= \$	-
Binding	0	0	0	\$ 3.00	= \$	-
					\$	-

Bond Originals (11 X 17)

Cross Sections	# Dwgs	# Prints	Total	Cost/each		
Pre-Initial	0	0	0	\$ 0.15	= \$	-
Initial	0	0	0	\$ 0.15	= \$	-
Preliminary	0	0	0	\$ 0.15	= \$	-
Final I	0	0	0	\$ 0.15	= \$	-
Final II	0	0	0	\$ 0.15	= \$	-
Binding	0	0	0	\$ 3.00	= \$	-
					\$	-

Bond Full Size (24x36)

Plans	# Dwgs	# Prints	Total	Cost/each		
Initial	0	0	0	\$ 0.75	= \$	-
Preliminary	0	0	0	\$ 0.75	= \$	-
Final I	0	0	0	\$ 0.75	= \$	-
Binding	0	0	0	\$ 5.00	= \$	-
					\$	-

Bond Full Size (24x36)

Cross Sections	# Dwgs	# Prints	Total	Cost/each		
Initial	0	0	0	\$ 0.75	= \$	-
Preliminary	0	0	0	\$ 0.75	= \$	-
Final I	0	0	0	\$ 0.75	= \$	-
Final II	0	0	0	\$ 0.75	= \$	-
Binding	0	0	0	\$ 5.00	= \$	-
					\$	-

PHOTOCOPYING (8.5 X 11)

Combined Estimate	# Shts	# Copies	Total	Cost/each		
Initial	0	0	0	\$ 0.05	= \$	-
Preliminary	0	0	0	\$ 0.05	= \$	-
Final I	0	0	0	\$ 0.05	= \$	-
Final II	0	0	0	\$ 0.05	= \$	-
					\$	-

Design Computations

	# Shts	# Copies	Total	Cost/each		
Final II	0	0	0	\$ 0.05	= \$	-
Report Binding	0	0	0	\$ 5.00	\$	-
					\$	-

Special Provisions & Stored Specifications

# Shts	# Copies	Total	Cost/each
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Preliminary	0	0	0	\$ 0.05	= \$	-
Final I	0	0	0	\$ 0.05	= \$	-
Final II	0	0	0	\$ 0.05	= \$	-
Report Binding	0	0	0	\$ 5.00	= \$	-
						\$ -

REPRODUCTION TOTAL: \$ -

**DERIVATION OF COST PROPOSAL
SUMMARY**

ESTIMATED DIRECT LABOR

Classification	Estimated Labor-Hours		Average Hourly Rate	Labor Costs
Project Manager	48	16%	\$ 260.00	\$ 12,480.00
Sr. Project Engineer	4	1%	\$ 200.00	\$ 800.00
Project Engineer	80	27%	\$ 170.00	\$ 13,600.00
Sr. Environ. Planner	0	0%	\$ 176.00	\$ -
Environmental Planner	0	0%	\$ 155.00	\$ -
Design Engineer	88	30%	\$ 145.00	\$ 12,760.00
Technician/Drafter	60	20%	\$ 110.00	\$ 6,600.00
Clerical/Administration	16	5%	\$ 85.00	\$ 1,360.00

Estimated Direct Labor Hours 296 **Total Estimated Direct Labor** \$ 47,600.00

Total Labor Cost **\$ 47,600.00**

ESTIMATED DIRECT EXPENSES

Travel	\$ -
Subsistence	\$ -
Publications and Supplies	\$ -
Reproductions	\$ -
	\$ -

Total Direct Expenses **\$ -**

ESTIMATED OUTSIDE SERVICES & CONSULTANTS

AeroTech Mapping (Phase II)	\$ -
EnviroSystems Management (Time and Materials)	\$ 63,733.00
Total Estimated Outside Services	\$ 63,733.00

Total Estimated Cost, Combined \$ 111,333.00

Total Estimated Cost (JACOBS) **\$ 111,333.00**



8/9/2023

Date

DERIVATION OF ESTIMATED LABOR HOURS

Scope Ref.	MILESTONE SUBMITTAL	Sheet Count	Project Principal	Project Manager	Sr. Project Engineer	Project Engineer	Senior Envirn. Planne	Environ. Planner	Engineer Designer	Tech Drafter	Clerical	Total Hours
100% Plans / Final Construction Documents												
	Final Plans - 100%	Sites										
	Address Comments / Revisions	24 Sheets		8		24			24	24		80
	Site / Quantity Modeling	24 Sheets		8		24			40	24		96
	Verify / Final Adjust Quantities Estimate	24 Sheets		8		24			24	12		68
	Environmental Support											
	Coordination with Coconino National Forest on CE											
100% Plans / Final Construction Documents:				24		72			88	60		244
SURVEYING / SITE INVESTIGATION												
	Final Adjust from Concept with Final LiDar											
	Verify Models with Survey											
	Update Mapping Sites form Comments											
SURVEYING / SITE INVESTIGATION SUBTOTALS:												
PROJECT REPORTS AND DOCUMENTS												
	Construction Schedule											
	Earthwork Summary											
	Quantities											
	Cost Estimates											
	Special Provisions											
PROJECT REPORTS AND DOCUMENTS SUBTOTALS:												
PROJECT COORDINATION / ADMINISTRATIVE												
	NOTE: See Mtg. Summary for detailed breakdowns											
	Kick-Off / Scoping Meeting	1 Mtgs										
	Site Reviews	1 Mtgs										
	Progress Meetings (Flagstaff)	16 Mtgs		12		8						20
	Progress Meetings (Contractor)	2 Mtgs		4	4							8
	Team Meetings	2 Mtgs										
	Project Workshops	Mtgs										
	Site Reviews											
	Project Administration			8							16	24
PROJECT COORDINATION / ADMINISTRATIVE SUBTOTALS:				24	4	8					16	52
TOTAL HOURS (Jacobs.)				48	4	80			88	60	16	296

DERIVATION OF ESTIMATED DIRECT EXPENSES

TRAVEL:

MILEAGE (Personal Vehicles)

Personal Mileage:		Miles/ Trip	# of Trips	Cost/ Mile		
Origin	Destination					
Meetings in Flagstaff		350	0	\$ 0.650	\$	-
Scoping / Kickoff Flagstaff		350	0	\$ 0.650	\$	-
Site Reviews Flagstaff		500	0	\$ 0.650	\$	-
Contractor Mtgs. Gilbert		20	0	\$ 0.650	\$	-

PERSONAL VEHICLE SUBTOTAL: \$ -

VEHICLE RENTAL (Large Vehicles from Rental Agencies):

SUV for Site Visits:	Days	Cost/day (Including Gas)		
Event 1	0	\$125.00	\$	-
Event 2	0	\$125.00	\$	-
Event 3	0	\$125.00	\$	-
Event 4	0	\$125.00	\$	-
Event 5	0	\$125.00	\$	-

ATV for Site Investigations	Days	Cost/day		
Event 1	0	\$200.00	\$	-
Event 2	0	\$200.00	\$	-
Event 3	0	\$200.00	\$	-
Event 4	0	\$200.00	\$	-
Event 5	0	\$200.00	\$	-

VEHICLE RENTAL SUBTOTAL: \$ -

TRAVEL TOTAL: \$ -

SUBSISTENCE (Field Visits)

Lodging:	Event	Number of People	Days	Cost/day		
Meetings in Flagstaff		3	0	\$138.00	\$	-

Meals:	Event	Number of People	Days	Cost/day		
Meetings in Flagstaff		3	0	\$55.00	\$	-

\$ -

PUBLICATIONS AND SUPPLIES

Maps (USGS, County, FEMA, Etc.)						
Exhibit Supplies, Duplicating Large Color Exhibits, Handouts						
Postage for Flyers					\$	-
Publications					\$	-
Historical Society Publications / reproduction for Cultural					\$	-
Surveying GPS Unit					\$	-
Surveying Lath and Supplies					\$	-
					\$	-

PUBLICATIONS AND SUPPLIES TOTAL: \$ -



REPRODUCTION (BY VENDOR):

PLOTTING

Velumns	# Dwgs	# Prints	Total	Cost/each		Subtotal
Final II	0	1	0	\$ 6.00	= \$	-
1/2 Size Reduction of Final II	0	1	0	\$ 3.50	= \$	-
					\$	-

Bond Originals (11 X 17)		# Dwgs	# Prints	Total	Cost/each		
Plans							
Pre-Initial		0	0	0	\$ 0.15	= \$	-
Initial		0	0	0	\$ 0.15	= \$	-
Preliminary		0	0	0	\$ 0.15	= \$	-
Final I		0	0	0	\$ 0.15	= \$	-
Final II		0	0	0	\$ 0.15	= \$	-
Binding		0	0	0	\$ 3.00	= \$	-
						\$	-

Bond Originals (11 X 17)		# Dwgs	# Prints	Total	Cost/each		
Cross Sections							
Pre-Initial		0	0	0	\$ 0.15	= \$	-
Initial		0	0	0	\$ 0.15	= \$	-
Preliminary		0	0	0	\$ 0.15	= \$	-
Final I		0	0	0	\$ 0.15	= \$	-
Final II		0	0	0	\$ 0.15	= \$	-
Binding		0	0	0	\$ 3.00	= \$	-
						\$	-

Bond Full Size (24x36)		# Dwgs	# Prints	Total	Cost/each		
Plans							
Initial		0	0	0	\$ 0.75	= \$	-
Preliminary		0	0	0	\$ 0.75	= \$	-
Final I		0	0	0	\$ 0.75	= \$	-
Binding		0	0	0	\$ 5.00	= \$	-
						\$	-

Bond Full Size (24x36)		# Dwgs	# Prints	Total	Cost/each		
Cross Sections							
Initial		0	0	0	\$ 0.75	= \$	-
Preliminary		0	0	0	\$ 0.75	= \$	-
Final I		0	0	0	\$ 0.75	= \$	-
Final II		0	0	0	\$ 0.75	= \$	-
Binding		0	0	0	\$ 5.00	= \$	-
						\$	-

PHOTOCOPYING (8.5 X 11)		# Shts	# Copies	Total	Cost/each		
Combined Estimate							
Initial		0	0	0	\$ 0.05	= \$	-
Preliminary		0	0	0	\$ 0.05	= \$	-
Final I		0	0	0	\$ 0.05	= \$	-
Final II		0	0	0	\$ 0.05	= \$	-
						\$	-

Design Computations		# Shts	# Copies	Total	Cost/each		
Final II		0	0	0	\$ 0.05	= \$	-
Report Binding		0	0	0	\$ 5.00	= \$	-
						\$	-

Special Provisions & Stored Specifications		# Shts	# Copies	Total	Cost/each		
Preliminary		0	0	0	\$ 0.05	= \$	-
Final I		0	0	0	\$ 0.05	= \$	-
Final II		0	0	0	\$ 0.05	= \$	-
Report Binding		0	0	0	\$ 5.00	= \$	-
						\$	-

REPRODUCTION TOTAL: \$ -

June 1, 2023

Berwyn Wilbrink, PE

Vice President & Transportation Group Manager

Jacobs

1501 W Fountainhead Pkwy #401

Tempe, AZ 85282

Office: (602) 530-1661

Mobile: (480) 363-6328

Berwyn.Wilbrink@jacobs.com

Re: Class III Cultural Resources Survey, Condition Assessment, and Construction Monitoring for the Inner Basin Water Pipeline Resulting from the Pipeline Fire.

Mr. Wilbrink:

Per your request, EnviroSystems Management, Inc. (EnviroSystems) appreciates the opportunity to submit the following scope and fee for the completion of cultural resources compliance for the Inner Basin Road and Water Pipeline in support of repairs after the Pipeline Fire on the Coconino National Forest (CNF), Coconino County, Arizona. This project is being conducted on behalf of Jacobs for the City of Flagstaff to complete Section 106 consultation. In consultation with CNF and the Arizona State Historic Preservation Office (SHPO), it was determined that a cultural resources survey, condition assessment, and monitoring will be necessary to ensure there is no adverse effect on National Register eligible properties.

The Class III survey will focus on portions of the project area that have not been previously surveyed, which is approximately 187 acres. However, the entire line will be walked by two archaeologists spaced 15 meters apart as necessary to cover the 187 acres as well as provide condition assessments of the waterline, the waterline road, associated facilities and structures, and any archaeological sites that fall within or adjacent to the project area. During the survey, significant cultural resources will be flagged for avoidance using pink flagging tape and wood lath when necessary. Other areas will be marked for construction monitoring. A technical report will be prepared for the results of the survey and condition assessments.

It is anticipated that the survey and avoidance flagging will minimize the need for cultural resources construction monitoring. However, some areas will likely require an archaeological monitor to be present during construction and related activities. These areas will be flagged differently and EnviroSystems will coordinate with the other contractors to ensure a monitor is present when necessary. Monitoring will not exceed 20 person days. Results of the monitoring will be drafted into a separate summary technical report.

COST ESTIMATE

Task 1. Class III Survey and Assessments	\$16,644.00
Task 2. Draft and Final Report	\$14,868.50
Task 3. Construction monitoring	\$20,918.00

Task 4. Draft and Final Report	\$7,500
Other Direct Costs (report production/lath/flagging/mileage)	\$3,812.50
Subtotal	\$63,733.00

The total cost for the cultural resources investigations is **\$63,773.00**. This total, or the total for monitoring specifically, can be a time and materials agreement should all 20 days of monitoring not be required. EnviroSystems appreciates the opportunity to provide assistance on this project. If you have any questions or comments regarding this scope and fee, please call or email Dave Hart at dhart@esmaz.com or 928-266-6651. Thank you for your time and consideration.

Sincerely,



Dave Hart
Cultural Resources Division Director
EnviroSystems Management, Inc.

Contract Administrator	26 hours
Principal Investigator (project management and editing)	18 hours
Project Director	
Task 1. Mobilization	10 hours
Task 2. Survey and condition assessments	60 hours
Task 3. Draft and final survey report	120 hours
Task 4. Archaeological monitoring	20 hours
Task 5. Draft and final monitoring report	40 hours
Archaeological Technician	
Task 2. Survey and condition assessments	50 hours
Task 4. Archaeological monitoring report	180 hours
GIS Analyst	44 hours
<i>Subtotal cost</i>	<i>\$59,920.50</i>
ODCs (mileage, lath, flagging tape, printing, binding, etc...)	\$3,812.50
Total Cost	\$63,733.00

Pete Allen

From: David Hart <DHart@esmaz.com>
Sent: Wednesday, June 28, 2023 2:34 PM
To: Bob Carlson
Cc: Berwyn.Wilbrink@jacobs.com; Taylor Bates; Pete Allen
Subject: RE: Weekly meeting update

EXTERNAL EMAIL

Bob,

I am not sure I provided that information, but here is a basic breakdown:

Cultural Division Director - \$170.21
Principal Investigator - \$129.90
Senior Project Director/Project Manager - \$107.50
Archaeological Technician/Monitor - \$89.59
GIS - \$116.46

The monitoring cost per person per day comes out to around \$1,400.00. That includes ODC's and support staff.

Does that work for you?

Dave

DAVID R. HART, M.A., RPA
Vice President / Cultural Resources Division Director
EnviroSystems Management, Inc.



<http://esmaz.com>
23 East Fine Avenue
Flagstaff, Arizona 86001
P: 928.226.0236
F: 928.226.0237
M: 928.266.6651
dhart@esmaz.com

From: Bob Carlson <bobc@huntercontracting.com>
Sent: Wednesday, June 28, 2023 2:22 PM
To: David Hart <DHart@esmaz.com>
Cc: Berwyn.Wilbrink@jacobs.com; Taylor Bates <taylor.bates@huntercontracting.com>; Pete Allen <peter.allen@huntercontracting.com>
Subject: RE: Weekly meeting update

David,

Project: Inner Basin Waterline
Owner: City Of Flagstaff, Arizona
Designer: Jacobs Engineering
Location: Flagstaff, Arizona
Contractor: Hunter Contracting Co. ROC070961A

City of Flagstaff
 ing Inner Basin and Pipeline Reconstruction



8/11/2023

GMP 3 Cost Allocation Allowances

Line	Description	GMP 3 Cost Allocation Allowance	Scope of Work
1	Point A	\$ 15,000.00	Work Shown in 90% Plans
2	Site 2	\$ 256,180.00	Work Shown in 90% Plans
3	Site 4	\$ 173,327.00	Work Shown in 90% Plans
4	Site 7	\$ 440,447.00	Work Shown in 90% Plans
5	Site 9	\$ 520,356.00	Work Shown in 90% Plans
6			
7	Site Subtotal	\$ 1,405,310.00	
8			
9	Waterline Road Initial Cleanup	\$ -	
10	Timber/Chip Removal	\$ -	
11	Timber Retaining Walls	\$ -	
12	Haul Road Maintenance	\$ 75,376.22	Continue to Maintain Hauls Roads as work progresses
13	Roadway Surfacing		
14	Construction Water	\$ -	
15	Construction Survey	\$ -	
16	Mobilization - Subs		
17	Construction Engineering Services	\$ -	
18	General Conditions	\$ 441,842.78	Construction Staffing and Overhead for Sept, October, November
19	Total	\$ -	
20			
21	Subtotal Direct Cost	\$ 1,922,529.00	
22			
23	Payment and Performance Bonds	\$ 17,302.76	0.90%
24	Insurance	\$ 19,225.29	1.0%
25	Construction Fee	\$ 221,090.84	11.5%
26			
27	Subtotal	\$ 2,180,147.89	
28			
29	Sales Tax	\$ 97,888.64	
30			
31	Construction Cost Total	\$ 2,278,036.53	Total Cost Allocation to establish allowance budget for continued construction into Fall 2023
32			