



February 9, 2022

Mr. Bryce Christo
10000 N. El Mirage Road
El Mirage, AZ 85335

RE: Dysart Road and Peoria Avenue Retention Basin Design

Dear Mr. Christo,

As requested, we have prepared the following scope and fee proposal to complete the final design of a new retention basin and connecting pipes per the results of the *Dysart Rd-Peoria Ave Drainage Study* completed December 2021. This work will be comprised of the following:

- Construction of a new 100'x1050' retention basin located south of Peoria Avenue and east of Dysart Road.
- Construction of two new 24" pipes to convey water from north of Peoria Avenue to the basin.
- Addition of 3 drywells in the basin.
- Landscaping for the basin will consist of decomposed granite only.
- The topographic survey will be amended to pick up any specific structures/items.
- The drainage memo will be updated as needed for the specific 24" pipe(s) design.
- All quantities and costs will be prepared with each plan submittal.

Plans will be submitted to the City per the following:

- 60% plans will be provided for the proposed improvements.
- 100% Plans will be provided incorporating the City's comments and will be sealed.

The following assumptions have been made in association with this modified scope of work:

- This project will be integrated into the Dysart Road: Northern Parkway to Peoria Final design project.
- No utilities will require relocation.
- Geotechnical studies/reports will not be required.
- No new water or sewer facilities will be provided.
- Fencing for the site is not included.



- Design for any needed relocation of the irrigation ditch/system is not expected.

We appreciate the opportunity to assist the City with this retention basin project. If you have any questions concerning the proposed scope and fixed fee, please let me know.

Sincerely,

A handwritten signature in black ink that reads 'Elijah E. Williams'.

Elijah E. Williams, P.E.
Project Manager

Fee Estimation Worksheet

2/9/2022

PROJECT: Dysart/Peoria Basin Final Design

Job No.: 20-1373.03

DESCRIPTION	Labor Class Rate	\$220.00	\$185.00	\$160.00	\$135.00	\$110.00	\$100.00	\$50.00	\$140.00	\$100.00	\$80.00	\$140.00	\$125.00	\$90.00	Task Cost
DESCRIPTION	Principal	Project Manager	Project Engineer	Sr. Engineer	Engineer	CAD Technician	Clerical	Landscape Architect	Senior Landscape Designer	Landscape Designer	Survey 2-man	Project Surveyor	Survey Tech	Task Cost	
Supplemental Topographic Survey											6	2	3	\$1,360.00	
60% Plans		10	18		36	36								\$12,290.00	
* Final Drainage Report Update		4		8	8									\$2,700.00	
100% Plans		6	9		18	18								\$6,330.00	
Design Quantities & Cost Estimates (60%, 100%)		2	4		8	6								\$2,490.00	
Project Management, Coordination w/Client, Utilities		16	22											\$6,480.00	
TOTAL HOURS	0	38	53	8	70	60	0	0	0	0	6	2	3	240	
SUBTOTAL FEES	\$0.00	\$7,030.00	\$8,480.00	\$1,080.00	\$7,700.00	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$840.00	\$250.00	\$270.00	\$31,650.00	

Reimburseables \$0.00

Subconsultants
Potting (3 holes) \$3,100.00

TOTAL FIXED FEE	\$34,750.00
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