



BID OPENING FORM

BID TITLE: **Engineering Services**

BIDS OPENED AT Time: 4:30PM

Date: August 25, 2022

Place: Bisbee City Hall

BID OPENING ATTENDEES:

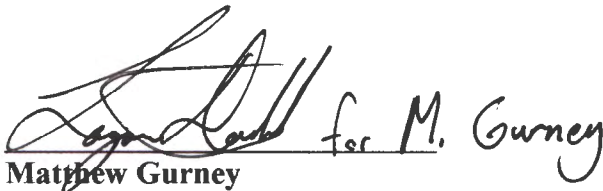
Nina Williams – Deputy City Clerk

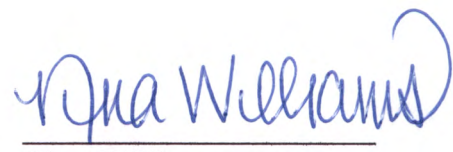
Matthew Gurney - Public Works Director

NUMBER OF BIDS RECEIVED: 7

BIDDER INFORMATION:

- | | |
|---|-------------------------------|
| 1. Zacatecas Engineering | See the Attached Fee Schedule |
| 2. Martin, White & Griffis Structural Engineer Inc. | See the Attached Fee Schedule |
| 3. EPS Group | See the Attached Fee Schedule |
| 4. Speedie & Associates | See the Attached Fee Schedule |
| 5. The WLB Group, Inc. | See the Attached Fee Schedule |
| 6. Kimley Horn | See the Attached Fee Schedule |
| 7. Advanced Structural Engineering | See the Attached Fee Schedule |


Matthew Gurney
Public Works Director


Nina Williams
Deputy City Clerk



Fee Schedule

July 1, 2022 – June 30, 2023

Principal Engineer	\$110/hour
Project Engineer	\$100/hour
Draftsman	\$ 85/hour
Clerical	\$ 65/hour
Architectural	Fee proposal will be provided based on project scope
Surveying	Fee proposal will be provided based on project scope

Hourly rates will increase 3% annually beginning July 1, 2023 through the end of this agreement.

HOURLY RATES SCHEDULE

Senior Structural Engineer/Project Manager: \$177/Hour

Structural Engineer: \$134/Hour

Engineer EIT/Designer: \$108/Hour

Field Inspector/Construction Administrator: \$103/Hour

CAD Operator: \$96/Hour

Clerical / Administrative: \$64/Hour

2022 Standard Billing Rate and Fee Schedule

Position	Hourly Rate	Position	Hourly Rate
Administrative Assistant	\$ 55.00	Project Engineer	\$ 150.00
Assistant Project Manager	\$ 85.00	Sr. Traffic Engineer	\$ 150.00
1 Man Survey Crew	\$ 120.00	Survey Coordinator	\$ 90.00
2 Man Survey Crew	\$ 145.00	Survey Technician	\$ 70.00
3 Man Survey Crew	\$ 170.00	Planning - Department Manager	\$ 185.00
Project Surveyor	\$ 110.00	Planning - Project Manager II	\$ 130.00
Premium 2 Man Crew	\$ 155.00	Design Engineer I	\$ 100.00
Colorado - 1 Man Survey Crew	\$ 125.00	Design Engineer II	\$ 115.00
Colorado - 2 Man Survey Crew	\$ 165.00	Designer 1	\$ 110.00
Colorado - 3 Man Survey Crew	\$ 190.00	Designer 2	\$ 120.00
LS - Junior Party Chief	\$ 105.00	Designer 3 / Principal Designer	\$ 130.00
LS - Crew Chief	\$ 110.00	Director	\$ 180.00
LS - 2 Man Survey Crew	\$ 155.00	Director of Land Development	\$ 211.00
LS - 3 Man Survey Crew	\$ 170.00	EIT-1 Engineer-in-Training 1	\$ 100.00
LS - Aerial Mapping Tech I	\$ 85.00	EIT-2 Engineer-in-Training 2	\$ 110.00
LS - Survey Project Manager	\$ 130.00	EIT-3 Engineer-in-Training 3	\$ 120.00
LS - Department Manager	\$ 150.00	Executive Assistant	\$ 110.00
LS - Senior Project Manager	\$ 150.00	Construction Mgmt. - Department Manager	\$ 211.00
LS - Asst Mgr. - Aerial Mapping	\$ 110.00	Construction Manager	\$ 116.00
LS - Project Surveyor	\$ 130.00	Construction Mgmt. - Project Coordinator	\$ 87.00
LS - Survey Technician	\$ 110.00	PE-1 Staff/Project Engineer	\$ 135.00
Tucson - 1 Man Survey Crew	\$ 95.00	PE-2 Senior Project Engineer	\$ 145.00
Tucson - 2 Man Survey Crew	\$ 145.00	PE-3 Senior Project Engineer/Project Manager	\$ 160.00
Tucson - 3 Man Survey Crew	\$ 170.00	PE-4 Senior Engineer/Specialist	\$ 160.00
Tucson - Dept. Manager	\$ 165.00	PE-5 Senior Project Manager	\$ 175.00
Tucson - Design Tech II	\$ 90.00	Planner / Designer 1	\$ 80.00
Tucson - Design Tech III	\$ 95.00	Planner / Designer 2	\$ 90.00
Tucson - Project Engineer	\$ 120.00	Planner / Designer 3	\$ 100.00
Tucson - Project Manager	\$ 155.00	Planner / Designer 4	\$ 110.00
Tucson - Survey Manager	\$ 150.00	Principal / President	\$ 200.00
Tucson - Survey Party	\$ 50.00	Project Coordinator	\$ 100.00
Tucson - Survey Tech	\$ 95.00	Project Manager 1	\$ 120.00
CAD Operator 1	\$ 90.00	Public Works - Project Manager	\$ 160.00
CAD Operator 2	\$ 100.00	Public Works - Senior Project Manager	\$ 190.00
CAD Tech III	\$ 110.00		
CAD / Design Manager	\$ 140.00		

Deliveries / Messenger	\$ 25.00 / Hour
8" x 11" or 11" x 17" Copies	\$ 0.15 / Sheet
11" x 17" Color Plots	\$ 4.75 Sq ft or 6.20 ea
24" x 36" Mylar/Color Plots	\$ 15.00 / Sheet
24" x 36" Black/White Bond Plots	\$ 1.00 / Sheet
36" x 84" Color Plots	\$ 4.75 Sq ft / Sheet
36" x 192" Color Plots	\$ 4.75 Sq ft

Specialized Position	
Dry Utility Coordinator	\$ 75.00
Expert Witness	\$ 200.00
FAA Certified Drone Pilot	\$ 150.00
Geospatial Technician	\$ 75.00
Intern	\$ 80.00
Laser Scanner Operator	\$ 150.00
Photogrammetrist	\$ 150.00

2022 FEE & RATE SCHEDULE

DESCRIPTION OF SERVICE

1.	On-call Construction Materials Testing		
	a. Observation & Testing of earthwork, concrete, masonry and paving operations by Engineering Technician (2 Hour Minimum)	\$	60.00/hr
	b. Trip Charges		90.00/trip
	c. Vehicle/Equipment		N/C
2.	On-call Special Structural Observation		
	a. Observation of Structural Elements as required (2 Hour Minimum)		90.00/hr
	b. Trip Charges		90.00/trip
	c. Vehicle/Equipment		N/C
3.	Office Support - If Required		
	a. Principal		150.00/hr
	b. Project Engineer		110.00/hr
	c. Administrative		55.00/hr
4.	Laboratory Fees		
	Soils		
	Moisture Density Relations		
	ASTM D 698 A		120.00/ea
	Sieve Analysis		60.00/ea
	Plasticity Index (Dry Prep Method)		60.00/ea
	Swell		100.00/ea
	Concrete, Mortar or Grout		
	Compressive Strength		
	(Including Molds)		15.00/ea
	Asphaltic Concrete		
	Ignition Method with Gradation		155.00/ea
	Marshall Density		135.00/ea
	Maximum Theoretical Density (Rice)		150.00/ea
	Gyratory Unit Weight (Set of Two)		200.00/ea
	Moisture Content of Asphaltic Concrete		20.00/ea

**TUCSON
FEE SCHEDULE FOR PROFESSIONAL SERVICES**

TYPICAL HOURLY RATES

Personnel	Hourly Rate
Principal.....	\$180.00
Public Presentation or Expert Testimony	\$275.00
Director: Engineer/Landscape Arch./Planner/Inspector/Surveyor/Designer	\$170.00
Senior Project Manager	\$150.00
Project Manager.....	\$140.00
Senior Project: Engineer/Landscape Arch./Planner /Inspector /Surveyor/Designer	\$125.00
Project: Engineer/Landscape Arch./Planner /Inspector /Surveyor/Designer	\$120.00
Staff: Design Engineer/Landscape Arch./Planner /Inspector /Surveyor/Designer.....	\$115.00
Sr. Cadd Operator	\$105.00
Senior Technician	\$100.00
Design Technician	\$95.00
Technician/Cadd Operator.....	\$90.00
Draftsperson/Assistant Technician	\$85.00
Clerical.....	\$65.00
Three Man Survey Crew.....	\$185.00
Two Man Survey Crew.....	\$165.00
One Man Survey Crew	\$140.00

Hourly Labor Rates Schedule

Classification	Rate
Analyst	\$105 - \$135
Analyst II	\$145 - \$170
Professional	\$170 - \$195
Senior Professional I	\$220 - \$280
Senior Professional II	\$280 - \$330
Senior Technical Support	\$100 - \$265
Support Staff	\$90 - \$150
Technical Support	\$75 - \$125

- Effective through December 31, 2022
- Subject to annual adjustment thereafter
- Internal Reimbursable Expenses will be charged at cost
- External Reimbursable Expenses will be charged at cost
- Sub-Consultants will be billed per the Contract at cost



Confidential

HOURLY RATES

2022

STRUCTURAL ENGINEERING SERVICES

Principal	\$245.00
Project Manager	\$183.00
Sr. Project Engineer	\$169.00
Project Engineer/Sr. Inspector	\$138.00
Engineer/Inspector	\$125.00
CADD Technician/Drafter	\$98.00
Clerical	\$79.00

IRS Mileage Rate Allowance as of 1/1/22: \$0.585/mile

Markup on expenses (mileage, travel, subsistence, reprographics, courier, express mail): 15%