

EXHIBIT A

2019 New Sidewalks

SCOPE OF SERVICES

Design and Bidding Services

1. PROJECT: The work will involve the following:

1. Design and bidding the 2019 New Sidewalks Project. The project includes the construction of the new sidewalks on W. 12th Street, Wagonhammer Lane, and W. Flying Circle Drive (approx. 1,150 LF) as shown in the attached PDF provided by the City of Gillette.

2. SCOPE OF WORK: Provide professional engineering services to the City of Gillette. Design and bidding services will be provided. The work will proceed through the following steps:

2. A. Design - Bring the completed design of the project to construction. Inberg-Miller Engineers will provide design plans that will include finish design details (sidewalk plan views, thickness, drainage, retaining walls, etc), quantities, general information, and detail sheets. A project manual including bid requirements, bid documents, design specifications, bid items, and special provisions will also be generated.

2. B. Public Bid Services - Inberg-Miller Engineers will provide electronic PDF documents and 5 sets of 11" x 17" plans and specifications. Additionally, provide the advertisement, be available for bidder's questions, provide any addenda, bidder lists, bid tabulations, assist in the review of bid submittals and provide a bid recommendation.



Legend
 City Limits

THE INFORMATION ON THIS DRAWING WAS OBTAINED FROM
 RECORD AND DESIGN DRAWINGS. THE CITY OF GILLETTE MAKES NO
 GUARANTEE REGARDING THE ACCURACY OF THIS DRAWING OR
 THE INFORMATION CONTAINED THEREIN.



2019 New Sidewalks

July 12, 2018
 Service With P.R.I.D.E.
 Productivity Responsibility Integrity Dedication Enthusiasm

EXHIBIT B

2019 New Sidewalks

PROJECT SCHEDULE

SCHEDULE: The following schedule is proposed, assuming that the consultant would be given a notice to proceed on or about October 3rd, 2018:

Activity	Start	End
Proposal Phase	8/17/18	9/18/2018
Preliminary Design Phase	10/3/2018	11/16/2018
Final Design Phase	11/19/2018	12/7/2018
Final Design & Spec. Review	12/10/2018	12/14/2018
Revisions & Prepare Bid Documents	12/17/2018	12/21/2018
Advertise	2/15/2019	3/1/2019
Bid Opening, City Council Award	3/5/2019	3/19/2018

EXHIBIT C

2019 New Sidewalks

FURTHER DESCRIPTION OF BASIC ENGINEERING SERVICES

Preliminary Design Phase - Completed by November 16, 2018.

- 1- Provide field survey of improvements for plan view representation.
- 2- Prepare and provide 50% completed bid documents to Owner.
- 3 - Provide design calculations.
- 4 - Provide an estimate of the construction costs.
- 5 - Review preliminary bid documents with owner.

Final Design Phase - Completed by December 7, 2018.

- 1 - Complete the design as per owner input from preliminary review.
- 2 - Provide nine (9) sets of 90 % final bid documents.
- 3 - Provide an estimate of the construction costs.

Final Revision & Bid Documents Prepared - Completed by December 21, 2018

- 1 - Provide Five (5) sets of bid documents and additional services as outlined in Exhibit A.

Bidding Phase - Completed by March 7, 2019

- 1 - Be available for bidder's questions, provide any addenda, bidder lists, bid tabulations, assist in the review of bid submittals and provide a bid recommendation.

SCHEDULE OF FEES & AVAILABLE SERVICES

EFFECTIVE JULY 1, 2018

PERSONNEL

Clerical	\$55.00 /Hour
Engineering Technician/Survey Technician I – VII	\$55.00 to \$85.00 /Hour
Project Support	\$80.00 /Hour
CAD Drafting Technician I - III	\$75.00 to \$95.00 /Hour
Staff Engineer/Scientist I – III	\$75.00 to \$95.00 /Hour
GPS Technician/Party Chief I – III	\$85.00 to \$95.00 /Hour
Drilling Manager	\$100.00 /Hour
Senior Staff Engineer/Scientist I – III	\$100.00 to \$120.00 /Hour
2-Person Survey Crew	\$130.00 /Hour
Professional Land Surveyor I - III	\$115.00 to \$135.00 /Hour
Professional Engineer/Scientist I - VII	\$85.00 to \$145.00 /Hour
Principal	\$165.00/Hour

EQUIPMENT

Vehicle	\$8.00 /Hour	\$50.00 /Day, *plus \$1.00 /Mile
One-Ton Flat Bed Truck	\$10.00 /Hour	\$60.00 /Day,*plus \$1.50 /Mile
Drill Rig (Rubber Tire)		\$2.30 /*Mile
Nuclear Gauge	\$10.00 /Hour	\$50.00 /Day
ATV		\$100.00 /Day
Robotic Total Station	\$40.00 /Hour	\$200.00 /Day
UTV		\$250.00 /Day
GPS/RTK System	\$50.00 /Hour	\$300.00 /Day

*** Fuel Surcharge:** Mileage rate is based on fuel prices as of July 2018 (Source: wyominggasprices.com). If fuel prices increase over 10% from July 2018 rates, the percentage of increase will be added to all mileage rates.

EXPENSES

Additional Hard Copies of Bound Reports (Less Than 100 Pages)	\$35.00 /Copy
Motel, Meals, Prints, Postage, Equipment Rental, Photocopies, and Other Miscellaneous Supplies	Direct Expense, Plus 10%
Subconsultant Services Secured With Client's Approval	Direct Expense, Plus 15%
Communication Expenses	2.5%
All Other Equipment and Materials Not Listed	BY QUOTATION

NOTES:

- All field charges begin at the time of departure and terminate at the time of return to the point of origin and/or place of lodging while away from the principal office, less time off for the convenience of the personnel.
- At client's request, or convenience, these hourly rates will be increased by fifty (50) percent to cover direct additional payroll and payroll-related charges for work requested on Holidays.
- All rates apply to travel time, stand-by time, project management, consultation, and report preparation time, unless noted otherwise.
- Inberg-Miller Engineers will prepare an estimated budget for services based upon client's detailed scope of services, if requested. Please be informed that project management and project support costs are a necessary part of any services provided. Final invoiced amounts may vary from estimated amounts depending on variations in scope, time of performance, and/or changes in anticipated conditions. Any items not specifically listed are by quotation.

Client: City of Gillette

Date Issued: September 6, 2018

CIVIL ENGINEERING.....BY QUOTATION

- Highway Design, Street Design, Grading and Drainage Design
- Solid Waste Planning; Landfill, Baler, and Transfer Station Design and Permitting
- Water System Design, Sanitary Sewer Design, Storm Sewer Design
- Irrigation and Drainage Design, Hydrologic and Hydraulic Analysis
- Residential and Commercial Subdivision Design
- Site Design for Commercial Developments and Schools
- Spill Prevention Control and Countermeasure (SPCC) Plans
- Stormwater Pollution Prevention (SWPPP) Plans
- Mine Permitting and Mine Reclamation Design
- Construction Contract Administration and Construction Observation

GEOTECHNICAL ENGINEERING.....BY QUOTATION

FIELD SERVICES

- Subsurface Exploration, Contract Drilling, Direct Push Exploration, Rock Coring
- Drilling and Sampling (Small, Medium and Large Diameter Test Borings)
- Foundation Analysis and Design Recommendations
- Earth Dam & Reservoir Design and Reconnaissance, Slope Stability Analysis
- Explorations for Roadway; Borrow Sources and Aggregate Sources on Highway Construction
- Monitor Well Installation, Development, Purging, Sampling, Abandonment
- Field Sampling and Testing of Soil, Groundwater, and Air
- Ground Water Pumping/Drawdown Tests, Permeability/Density of In-Place Soil

LABORATORY SERVICES

- Moisture-Density Relations of Soils, Particle Size Analyses, Soil Index Tests
- Soil Classification, Strength Tests, Volume Change, California Bearing Ratio Test
- Triaxial Shear Strength Tests, Permeability Tests, Corrosivity Tests (Soil)
- Analytical Testing of Soil and Ground Water Samples, Packaging and Handling of Samples
- Mobile Laboratory

CONSTRUCTION MATERIALS TESTING AND OBSERVATION.....BY QUOTATION

FIELD AND LABORATORY SERVICES

- Soils/Aggregates, Portland Cement Concrete and Asphalt Concrete
- International Building Code (IBC) Special Inspection: Reinforced Concrete, Spray Applied Fire Proofing, Structural Masonry Inspection and Structural Steel

ENVIRONMENTAL ENGINEERING.....BY QUOTATION

- Solid Waste Disposal Design and Permitting
- Categorical Exclusions, Phase I, II, and III Site Assessments, Extent of Contamination Studies
- Soil and Groundwater Remediation Systems Design and Implementation
- Monitor Well Installation, Development, Purging, Sampling, and Abandonment
- Field Sampling and Testing of Soil, Groundwater, and Air
- Geologic Cross-Sections, Contaminant Isoconcentration Maps

LAND SURVEYING.....BY QUOTATION

- PROPERTY SURVEYS: Subdivision Platting and Mapping, Farm/Ranch Surveys, Cadastral Surveys, Boundary Retracement
- ENGINEERING SURVEYS: Topographic Surveys, Highway, Street, and Road Design Surveys, River and Flood Plain Cross-Sections
- UTILITY SURVEYS: Preliminary, Construction, and As-Built Surveys for Cross-Country Pipelines and Power Transmission Lines
- CONSTRUCTION SURVEYS: Highways, Utilities, Bridges
- MISCELLANEOUS: Mine Reclamation Surveys, Water Rights, Mining Claims
- ALTA/ACSM Land Title Detailed Property Surveys
- UAV SERVICES: Insurance damage claims, real estate, advertising and marketing, surveying, construction, aerial inspections (including but not limited to)

Payment is due upon presentation of invoice and is past due 30 days from invoice date. A finance charge of one and one-half (1½) percent per month, or the maximum rate allowed by law, will be assessed against the unpaid balance. All credit card transactions will be assessed a 4% surcharge.



Exhibit D.2

Inberg Miller Engineers

Estimated Design & Bidding Costs

City Of Gillette: 2019 New Sidewalk - City Project No. 19EN10

Task		Project Engineer (PE)	Staff Engineer	Engr. Tech RPR	Prof. L.S.	Surveyor 2	Drafting Tech	Cost
Preliminary Design Phase								
Start Up		1	3					\$ 410.00
Meetings		1	1					\$ 220.00
Records / Locates			2		1	2		\$ 455.00
Field Work			6	8		6		\$ 1,620.00
Base Map & Drawings			3		1	6	25	\$ 2,975.00
Design / Planning		1	7					\$ 790.00
Specifications			3					\$ 285.00
Cost Estimate			1					\$ 95.00
Review		1						\$ 125.00
Final Design Phase								
Drawings		1	4				25	\$ 2,630.00
Contract Documents			5					\$ 475.00
Cost Estimates			2					\$ 190.00
Review		1						\$ 125.00
Bidding Phase								
Meetings / Phone		1	5					\$ 600.00
Addendums / Bid Tabs		1	5					\$ 600.00
Total Hours		8	47	8	2	14	50	129
Hourly Rate		\$ 125.00	\$ 95.00	\$ 75.00	\$ 115.00	\$ 75.00	\$ 85.00	

Costs = \$ 11,595.00

Reimbursable Expenses	
Misc. Expenses	\$100
Copies	\$100
Travel	\$225
GPS Equipment	\$500
5 Sets of 11 x 17 Plans	\$150

(15 hrs. @ \$15/hr.)

(10 hrs. @ \$50/hr.)

Total Reimbursable Cost = \$1,075

Total Estimated Cost = \$ 12,670.00