

SUPPLEMENT TO AGREEMENT FOR SERVICES

CHANGE TO SCOPE OF SERVICES AND FEES

This **SUPPLEMENT to AGREEMENT FOR SERVICES** to the original Agreement for Services (original Agreement dated 03/31/2023) is between Yellowstone County - Finance ("Client") and Terracon Consultants, Inc. ("Consultant") for additional or changed Services to be provided by Consultant for Client on the Project, as described in the Agreement for Services. This Supplement is incorporated into and part of the Agreement for Services.

- 1. Scope of Services.** The scope of the additional or changed Services are described in the Scope of Services section of the Consultant's Supplemental Proposal, unless Services are otherwise described below or in Exhibit B to this Supplement (which section or exhibit are incorporated into the Supplement).

Earthwork	Field density compaction testing will be performed in areas as directed by the client on an as-requested basis by qualified personnel during site earthwork and backfill operations at the site. The field services will be supported by appropriate laboratory evaluation of soils used as fill or backfill on the site. The laboratory testing will include laboratory moisture-density relationship (Proctor). Laboratory material evaluations will be conducted at a minimum for each type of soil encountered during fill placement. The testing will be performed to determine compliance with project specifications or as recommended in the geotechnical engineering report.
Concrete	<p>During concrete placements, observation, sampling and testing will be performed by Terracon. The concrete will be sampled and tested for slump, air content, unit weight, and temperature at the time of placement. Testing will be performed in general accordance with project plans and specifications including the following:</p> <ul style="list-style-type: none"> ■ Verification of approved design mix; ■ Provide observations of placement procedures, consolidation, and curing and protection; and <p>Cast 1 set of 4 (4-inch by 8-inch) cylinders for each 150 cubic yards or fraction thereof.</p>
Asphalt	The HMA will be sampled/cored and submitted to our laboratory for density analysis according to project requirements.
Project Management	<p>A project manager will be assigned to the project to review the daily activity and assist in scheduling the work. Field and laboratory tests will be reviewed prior to final submittal. The project manager will be responsible for the project budget, communicating with the contractor regarding schedule, deviations, and documenting the resolution of outstanding deviations.</p> <p>To help create a good working relationship with the contractor and for the contractor to better understand our scope of work for the project, we request that Terracon be invited to preconstruction meetings prior to each phase of construction.</p>

- 2. Compensation.** Client shall pay compensation for the additional or changed Services performed at the fees stated in the Supplemental Proposal unless fees are otherwise stated below or in Exhibit C to this Supplement (which section or exhibit are incorporated into the Supplement).

Phase III Metra Park Parking Lot	Estimated Fee:	\$19,697.00
	NOT TO EXCEED PRICE:	\$52,000.00

All terms and conditions of the **Agreement for Services** shall continue in full force and effect. This Supplement is accepted and Consultant is authorized to proceed.

Consultant: **Terracon Consultants, Inc.**

By: _____ Date: **9/6/2023**

Name/Title: **Eric R Reifschneider / Department Manager I**

Address: **2110 Overland Ave Ste 124**

Billings, MT 59102-6440

Phone: **(406) 656-3072** Fax: **(406) 656-3578**

Email: **Eric.Reifschneider@terracon.com**

Client: **Yellowstone County - MetraPark Infrastructure**

By: _____ Date: _____

Name/Title: _____

Address: **P.O. Box 35015**

Billings, MT 59107

Phone: **(406) 256-2717** Fax: _____

Email: **AP@yellowstonecountymt.gov**



FEE ESTIMATE**

SERVICES	UNIT RATES			QTY	TOTAL
Earthwork Observation and Testing (Finishing Phase II)					
Engineering Technician	\$82.00 per hour	9 visits	1 hrs/visit	9	\$738.00
Vehicle Charge	\$20.00 per visit	9 visits		9	\$180.00
				Subtotal	\$918.00
Concrete Testing (Finishing Phase II)					
Engineering Technician	\$82.00 per hour	15 tests	1.5 hours/visit	22.5	\$1,845.00
Compressive Strength Cylinders	\$29.00 per cylinder	15 tests	4 cys/test	60	\$1,740.00
Vehicle Charge	\$20.00 per visit	12 visit		12	\$240.00
				Subtotal	\$3,825.00
Asphalt Testing (Finishing Phase II)					
Cores (Bulk Specific Gravity, Density, Thickness)	\$50.00 per core	18 cores		18	\$900.00
Asphalt Control Test (Marshall, Extraction, Rice, Voids)	\$480.00 per test	3 tests		3	\$1,440.00
Asphalt Sample Pick-up	\$82.00 per hour	3 visits	1 hour/visit	3	\$246.00
Vehicle Charge	\$20.00 per visit	3 visits		3	\$60.00
				Subtotal	\$2,646.00
Project Mangement (Finishing Phase II)					
Project Coordination/Report Review	\$80.00 per report	25 reports		25	\$2,000.00
Administration/Invoicing	\$60.00 per invoice	2 invoices		2	\$120.00
				Subtotal	\$2,120.00
Earthwork Observation and Testing (Phase III)					
Engineering Technician	\$82.00 per hour	5 visits	2 hrs/visit	10	\$820.00
Vehicle Charge	\$20.00 per visit	5 visits		5	\$100.00
				Subtotal	\$920.00
Concrete Testing (Phase III)					
Engineering Technician	\$82.00 per hour	5 tests	2 hours/visit	10	\$820.00
Compressive Strength Cylinders	\$29.00 per cylinder	5 tests	4 cys/test	20	\$580.00
Vehicle Charge	\$20.00 per visit	10 visit		10	\$200.00
				Subtotal	\$1,600.00
Asphalt Testing (Phase III)					
Asphalt Control Test (Marshall, Extraction, Rice, Voids)	\$480.00 per test	4 tests		4	\$1,920.00
Asphalt Coring Crew	\$200.00 per hour	2 visits	7 hours/visit	14	\$2,800.00
Cores (Bulk Specific Gravity, Density, Thickness)	\$50.00 per core	12 cores		12	\$900.00
Asphalt Sample Pick-up	\$82.00 per hour	4 visits	1 hour/visit	4	\$328.00
Vehicle Charge	\$20.00 per visit	4 visits		4	\$80.00
				Subtotal	\$6,028.00
Project Mangement (Phase III)					
Project Coordination/Report Review	\$80.00 per report	19 reports		19	\$1,520.00
Administration/Invoicing	\$60.00 per invoice	2 invoices		2	\$120.00
				Subtotal	\$1,640.00
Total Estimated Fee (Remaining Phase II & Phase III)					\$19,697.00

Note: While the phases of construction have been separated for estimating purposes in the fee estimate spreadsheet, actual field testing services may be performed simultaneously on the various phases. As a result, total fees for construction materials testing services may be reduced if services are performed during the same trip to the site.