

AMENDMENT TO TASK ORDER
for
PW 24-08 Road & Bridge
Professional Engineering & Consulting Services

In accordance with Paragraph 1.01, Main Agreement, of the MODIFIED version of the EJCDC® E-505 Agreement Between Owner and Engineer for Professional Services – Task Order Edition dated Thursday, April 11, 2024, Owner (Clear Creek County, Colorado, i.e. County) and Engineer (RockSol Consulting Group, Inc., i.e. RockSol) agree as follows:

Task Order to be Amended: **Task Order No. 09 Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive**

Amendment No. **1**

Amendment Effective Date: **October 31, 2025**

Amendment Execution Date: _____

TABLE OF CONTENTS

AMENDMENT TO TASK ORDER 1

TABLE OF CONTENTS..... 2

AMENDMENT TO TASK ORDER NO. 09..... 3

ATTACHMENT A – TASK ORDER NO. 09..... 4

AMENDMENT TO TASK ORDER NO. 09

Amendment No. 01

Owner: Clear Creek County, Colorado
Engineer: RockSol Consulting Group, Inc.

Effective Date of Task Order: April 15, 2025

Nature of Amendment: (Check those that apply)

- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time for completion of Task Order
- Modifications to other terms and conditions of the Task Order

Description of Modifications:

REVISION to PROJECT UNDERSTANDING

1.8 Time for Completion

B. Task Order End Date

- (i) The Task Order end date is January 31, 2026.

Owner and Engineer hereby agree to modify the above-referenced Task Order as set forth in this Amendment and both parties agree to a retroactive Effective Date of the Amendment of **October 31, 2025**.

Owner
Clear Creek County, Colorado

(typed or printed name of organization)

Engineer
RockSol Consulting Group, Inc.

(typed or printed name of organization)

By: _____
(individual's signature)

By: _____
(individual's signature)

Date: January 20, 2026
(date signed)

Date: _____
(date signed)

Name: Rebecca Llyod
(typed or printed)

Name: Saeid Saeb
(typed or printed)

Title: Board of County Commissioners Chair
(typed or printed)

Title: President of RockSol
(typed or printed)

Approved as to form and legal sufficiency:

Peter A. Lichtman, County Attorney

Date

ATTACHMENT A – TASK ORDER NO. 09

Clear Creek County Task Order Form to Modified version of EJCDC® E 505,
Agreement between Owner and Engineer for Professional
Services—Task Order Edition.



TASK ORDER AGREEMENT

for

PW 24-08 Road & Bridge

Professional Engineering & Consulting Services

In accordance with Paragraph 1.01, Main Agreement, of the MODIFIED version of the EJCDC® E-505 Agreement Between Owner and Engineer for Professional Services – Task Order Edition dated Thursday, April 11, 2024, Owner (Clear Creek County, Colorado, i.e. County) and Engineer (RockSol Consulting Group, Inc., i.e. RockSol) agree as follows:

Task Order No.:	09
Task Order Title:	Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive
Task Order Effective Date ¹ :	<u>April 15, 2025</u>
Substantial Completion:	on or before September 30, 2025
Task Order End Date:	October 31, 2025
Not-to-Exceed Amount:	\$90,299

¹ Date Task Order is executed by County.



TABLE OF CONTENTS

TASK ORDER AGREEMENT 1

TABLE OF CONTENTS..... 2

PROJECT UNDERSTANDING..... 3

 1.1 PROJECT BACKGROUND, GOALS, AND PLANNED IMPROVEMENTS3

 1.2 PROJECT AREA AND EXSITING CONDITIONS.....3

 1.3 CONSTRAINTS, CONCERNS, OR CHALLENGES4

 1.4 PROJECT TEAM ROLES AND RESPONSIBILITIES5

 1.5 PROJECT FILES AND DATA6

 1.6 TASK ORDER AND DELIVERABLE SCHEDULE.....6

 1.7 ENGINEER’S COMPENSATION7

 1.8 TIME FOR COMPLETION8

TASK DESCRIPTIONS 9

 T 1. PROJECT MANAGEMENT AND COORDINATION9

 T 2. SUPPLEMENTAL SURVEY SERVICES10

 T 3. GEOTECHNICAL INVESTIGATION.....10

 T 4. DRAINAGE INVESTIGATION & RECOMMENDATIONS (RESPEC).....10

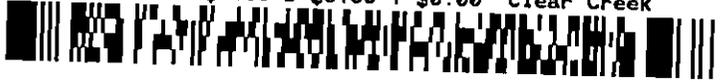
 T 5. ROADWAY & DRAINAGE DESIGN11

 T 6. SERVICES DURING CONSTRUCTION.....11

TASK ORDER EXECUTION 12

EXHIBIT A – PROJECT SITE MAP..... 13

EXHIBIT B – TASK ORDER FEE SCHEDULE..... 14



PROJECT UNDERSTANDING

1.1 Project Background, Goals, and Planned Improvements

Golden Willow and Park Drive were prioritized for improvements as part of the Road & Bridge Department's (R&B) capital improvement plan. Capital improvements aims to address ongoing drainage, pavement degradation, and sediment accumulation issues by improving stormwater infrastructure, enhancing road durability, improve/replace existing road shoulder material, provide new sediment pond, and provide new striping as appropriate along 1.2 miles of Golden Willow Road and approximately 400 feet of Park Drive from the intersection of Golden Willow Road to Whiskey Jay Hill Road.

The County's goal is for all road construction documents to be as streamlined as possible, cater to the type of work being solicited, minimize construction concerns that are within the County's control, support a competitive construction bidding process, and maintain a high standard of quality design and construction.

Right of way negotiations for the location of the new sediment pond is the responsibility of the County.

1.2 Project Area and Existing Conditions

The project area is shown in Exhibit A. Existing conditions are described below:

A. Park Drive

(i) Project Pavement Surface

- (a) Approximately 400 feet from Golden Willow Road
- (b) Severely distressed pavement
- (c) Not included in 2020 Geotech Report (RockSol)
- (d) 2020 PCI Score (RoadBotics)
 - Range: 2.2
 - Average: 2.2

(ii) Road Drainage

- (a) Road surface shows signs of saturated subgrade throughout.
- (b) Roadside ditches are non-existent along the southwest side of the road.
- (c) Water appears to be seeping under the roadway from adjacent private property to the south.
- (d) Abandoned stormwater infrastructure beneath the roadway needs to be removed.



B. Golden Willow Road

(i) Project Pavement Surface

- (a) Approximately 1.2 miles starting from Upper Bear Creek Road heading south
- (b) 2020 Geotech Report (RockSol)
 - HMA core thickness range: 2.75
 - Low to moderate transverse cracking in northern half
 - Moderate to severe alligator cracking throughout southern half
 - 3 x boreholes (#23-#25), groundwater and bedrock were not encountered during drilling
- (c) 2020 PCI Score (RoadBotics)
 - Range: 2.03 – 3.64
 - Average: 2.732

(ii) Road Drainage

- (a) Sediment transport adversely affects roadside drainage, designated drainage way, and culverts' level of service.
- (b) Visible saturated soils are seeping through the pavement, indicating drainage issues.
- (c) Non-functioning stormwater infrastructure runs along the length of Golden Willow Road.
- (d) Historical drainage patterns show that ditches have filled with sediment, reducing their capacity.
- (e) Loose material from steep slopes above continuously falls into ditches, further obstructing drainage and increasing maintenance needs.

1.3 Constraints, Concerns, or Challenges

The restriction on the number of months construction is permitted in the County right-of-way combined with the direct and indirect costs of performing work on rural mountain roads leads to a small number of construction bids and no bids. The Task Order is on an accelerated timeline in order to allow for the construction bidding process to occur as early in the calendar year as possible.

The public will need to be notified prior to and during work as to potential road closures, considering this is the single access point for many property owners in the area.



1.4 Project Team Roles and Responsibilities

Below are the teams, personnel and sub consultants anticipated for this project.

A. RockSol

(i) **Project Management and Coordination Team** – Nathan Clouse (Project Manager), Sophie Scott (Lead Roadway Engineer), Jay Goldbaum (Senior Pavement Engineer), Lisa Francis, Penny Bouley, or assigned task order administrator (Project Control & Admin)

– This team will be responsible for establishing and maintaining project documents, schedule, and budget, and will prepare and submit invoices. The team will coordinate with the County to hold appropriate progress meetings and site visits, and communicate project design decisions and changes that affects the outcome or delivery of the project.

(ii) **Geotechnical Investigation Team** – Jay Goldbaum (Senior Pavement Engineer), Madison Philips (Staff Pavement Engineer) – The team will work with the roadway design team to ensure proper limits of localized pavement and subgrade repair locations are incorporated in the plans, provide assistance with developing pavement typical sections, pay items, and quantities, and providing input on construction cost estimates.

(iii) **Supplemental Survey** – Wilson & Company surveying team will provide supplemental survey services to collect topographic survey for the chosen sedimentation pond location along Golden Willow Road. One field visit is included to perform the work. A CAD file deliverable will be produced and provided to RockSol.

(iv) **Drainage Design Team** – Lee Rosen (Senior Project Manager), Wyatt Foley (Drainage Project Manager), John Castello (Project Engineer), Cassidy Cortright (Engineer IV) – will analyze and model drainage conditions along Golden Willow Road and Park Drive, recommending solutions such as culvert maintenance, ditch re-grading, slope stabilization, and sediment pond design to address overtopping, sediment transport, and pavement damage, with findings documented in a drainage memo and incorporated into roadway improvement plans by RockSol.

(v) **Roadway Design Team** – Nathan Clouse (Project Manager), Sophie Scott (Lead Roadway Engineer), Kalyn Kosmiski (Engineer-in-Training I), Lauren Gentile (Environmental Manager), Hunter Updegraff (Environmental Specialist II), Rodney Rindal (Quality Control/Senior Transportation Engineer), Katie Brouillard (Project Control and Admin) – This team will develop the final drainage, culvert, and pavement plan set, specifications, cost estimates, and bid documents for the project.

Nathan Clouse and Sophie Scott will be ultimately responsible for the overall delivery of this task order. They will be responsible for assigning specific field and design tasks, communication



between the three design teams, and ensuring final packages contain the appropriate information for advertisement. Nathan will be responsible for managing the constructability and QMS processes, and compiling and delivering the submittals.

B. County

Stacey Canada will be responsible for day-to-day communication and direction from the County, project planning, budget, review and approval of invoices, timeline management, and maintaining the County’s best interest through each phase of the project.

1.5 Project Files and Data

All project files related to this Task Order’s scope of Services will be uploaded to the designated project folder on the County’s SharePoint site and available to the project team for review. Documents uploaded by the RockSol team for County review include but are not limited to meeting summaries, deliverables, and invoices. The County will upload available background data and information, County review comments, and other files related to the Task Order scope of Services, as needed. Available data includes, but is not limited to:

- (i) County GIS Layers (Clear Creek County)
- (ii) Geotechnical Investigation and Pavement Rehabilitation (RockSol, 2020)
- (iii) Coordinate file produced by Souder Miller & Associates (2020)
- (iv) Existing Survey Files (Clear Creek County)
- (v) Existing Drainage Files, if available (Clear Creek County)

1.6 Task Order and Deliverable Schedule

In submitting required Documents and taking other related actions, RockSol and County will comply with the following schedule:

Ref. ²	Deliverable/Milestone	Task Order Schedule
A.	Effective Date of Task Order	April 15, 2025
B.	Supplemental Survey Services (Wilson)	June 2025

² For document paragraph reference only.



Ref. ²	Delverable/Milestone	Task Order Schedule
C.	Drainage Memo (RESPEC)	July 2025
D.	Final Plan Submittal <ul style="list-style-type: none"> • Title sheet • Standard plans list • Typical sections • General notes • Summary of approximate quantities • Tabulation of quantities • Drainage plans & details • Sediment pond plan • Roadway plans • Traffic control phasing & quantities • SWMP narrative & plan sheets • Cross Sections • Specification package • Engineer's Cost Estimate 	August 2025
E.	Construction Document Plan Submittal <ul style="list-style-type: none"> • Updated plan and specification packages • Signed and sealed record plan set • CAD files 	September 2025
F.	Anticipated Construction Bid Advertisement	Not Yet Determined
G.	Anticipated Construction Contract Award	Not Yet Determined

1.7 Engineer's Compensation

- (i) The terms of payment are set forth in Article 4 of the Main Agreement.
- (ii) RockSol shall be compensated at the Standard Hourly Rates specified in Appendix 2 of the Main Agreement plus Reimbursable Expenses as specified in Exhibit B of this Task Order.



(iii) RockSol's total estimated hours and cumulative fee for each of the tasks described in the Task Descriptions section of this agreement is shown in Exhibit B of this Task Order.

(iv) In no event is the Owner obligated to pay more than the not-to-exceed amount of: **\$90,299** ("Maximum Compensation"). The Maximum Compensation includes the Compensation, Reimbursable Expenses and any subconsultants costs.

1.8 Time for Completion

A. Reserved.

B. Task Order End Date

(i) The Task Order end date is **October 31, 2025**.



TASK DESCRIPTIONS

The specific Services to be provided or furnished by Engineer under this Task Order are:

T 1. Project Management and Coordination

A. Project Meetings

The County and Consultant team will meet periodically as required. The meetings will review activities required to be complete since the last meeting, problems encountered/anticipated and potential solutions, project schedule update, action items, and coordination required with other agencies. The types and numbers of meetings shall be flexible and determined by an interactive coordination with the Clear Creek County Project Manager.

Meeting agendas shall be prepared by RockSol for all project meetings listed and provided to the Clear Creek County PM prior to the meeting. RockSol shall be responsible for creating meeting summaries to describe the discussions, decisions, and resulting action items from each meeting. RockSol shall distribute the meeting summaries to all attendees for concurrence prior to issuing the final meeting summary. Unless stated otherwise, it is anticipated that the meetings will take place through a virtual meeting software utilizing Microsoft Teams or other software approved by Clear Creek County. Site visits to the project location may occur for specific discipline needs and for major design reviews, or as directed by the County PM. The following meetings are required:

- o **Kickoff Meeting** – RockSol will hold an internal meeting to coordinate all RockSol project staff and communicate project scope of work, schedule, available data, and to confirm design-related issues and requirements.
- o **Progress Meetings** – RockSol shall schedule bi-weekly project meetings with the County to coordinate and discuss project status, project schedule, design decisions, and other coordination topics.
- o **Final Design Review Meeting** – if needed, RockSol shall coordinate a final review meeting after submitting a complete set of plans, specifications, and cost estimate. RockSol shall provide an adequate review period for the County, minimum of five (5) working days in advance of the meeting. The primary objective of the meeting will be to discuss any proposed design changes or concerns prior to advertising the project for construction bids.



B. Project Management

RockSol will manage the professional consultant services to complete the Scope of Work tasks, and adhere to the budget and schedule. RockSol will use established project control processes detailed in the Quality Management Plan.

The RockSol project manager and discipline leaders shall communicate regularly regarding progress on the project and staffing and make adjustments when necessary. The project status shall be communicated regularly with the County Project Manager, and priorities shifted regarding any aspect of the project.

Each month, invoices and progress reports shall be provided to the County Project Manager.

T 2. Supplemental Survey Services

Wilson & Company will provide supplemental survey work to build upon the 2021 survey completed by Souder Miller & Associates. This work will cover the proposed sediment pond location, as shown in Exhibit A.

T 3. Geotechnical Investigation

Work will include providing pavement recommendations for Park Drive and Golden Willow Road from the previous 2020 Geotech report and from field observations made by Jay Goldbaum. These recommendations will be shared with the drainage and roadway design teams to assist in developing plan sheets, typical sections, pay items, and quantities. The geotech/pavement team will then provide input on construction cost estimates for the overall work to be performed.

RockSol shall utilize and make any real-time updates to the recommendations from the previous Geotechnical Investigation and Pavement Rehabilitation report, based on field observations. RockSol will complete a site visit to identify, mark, and measure pavement distress areas in need of patching on roadway sections planned for patch and overlay. Final recommendations shall be documented and communicated with the County Project Manager for concurrence and then incorporated into the final plans and specifications.

RockSol will re-visit the site during construction, in coordination with the County and awarded contractor, to re-mark any pavement distress areas. Any distress area in excess of plan quantity will be discussed with the County prior to marking for the contractor.

T 4. Drainage Investigation & Recommendations (RESPEC)

RESPEC will delineate drainage areas adjacent to problem spots on Golden Willow Road and perform a drainage analysis to estimate flows to each existing drainage feature and culvert crossing. As needed, hydraulic models will be created for culverts and roadside ditches, focusing on areas where slopes may be insufficient to transport sediment and where culvert crossings might



only require cleaning. Three culvert crossings on Golden Willow Drive are anticipated to be modeled. Based on this analysis, RESPEC will recommend drainage improvements to mitigate street overtopping and manage sediment transport, which may include ditch re-grading, slope stabilization, culvert cleaning or replacement, and sediment pond design.

For Park Drive, RESPEC will delineate drainage near areas of pavement damage and suggest solutions, potentially involving re-grading the ditch line around the outer curve and implementing groundwater cutoff measures under the road. Findings for both Golden Willow Road and Park Drive will be summarized in a drainage memo, and the design recommendations will be incorporated into the roadway improvement plans prepared by RockSol.

T 5. Roadway & Drainage Design

For a streamlined drainage and pavement improvement project, a full design package will be developed and will include a Final Plan Submittal and Construction Document Plan Submittal. RockSol shall produce a set that conforms to the requirements of Section 1.7 Task Order Deliverables.

The plans and specifications shall be designed in accordance with Clear Creek County requirements, including meeting CDOT standards where applicable, and shall incorporate recommendations for drainage improvements from the drainage/Geotech team and pavement & subgrade sections from the geotech/pavement team, as approved by the County. RockSol shall prepare a project design criteria table for review by the County, with acceptance of the criteria prior to starting significant design activities. The design criteria shall be based on the following references:

- Clear Creek County Roadway Design and Construction Manual (Most Recent)
- AASHTO Policy on Geometric Design of Highway and Streets (2018)
- AASHTO Roadside Design Guide (2011)

RockSol's internal Quality Management System are utilized in this portion of the project to ensure a project that is clear and constructable to contractors.

T 6. Services During Construction

RockSol shall provide technical assistance to the County during the advertisement and bidding process as needed and requested by County.



TASK ORDER EXECUTION

Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Main Agreement and its appendices, which Main Agreement and appendices are incorporated by this reference.

OWNER: Clear Creek County, Colorado
by and through its Board of County
Commissioners:

ENGINEER: RockSol Consulting Group, Inc.

By:
Print: George Marlin
Title: Chair, Board of County Commissioners
Date: 4/15/25

By:
Print: Saeid Saeb
Title: President of RockSol
Date: 4/8/2025

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Stacey Canada
Title: Capital Projects Manager
Email: scanada@clearcreekcounty.us
Phone: 303.679.2466

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Nathan Clouse
Title: Project Manager
Email: clouse@rocksol.com
Phone: 303.908.0964

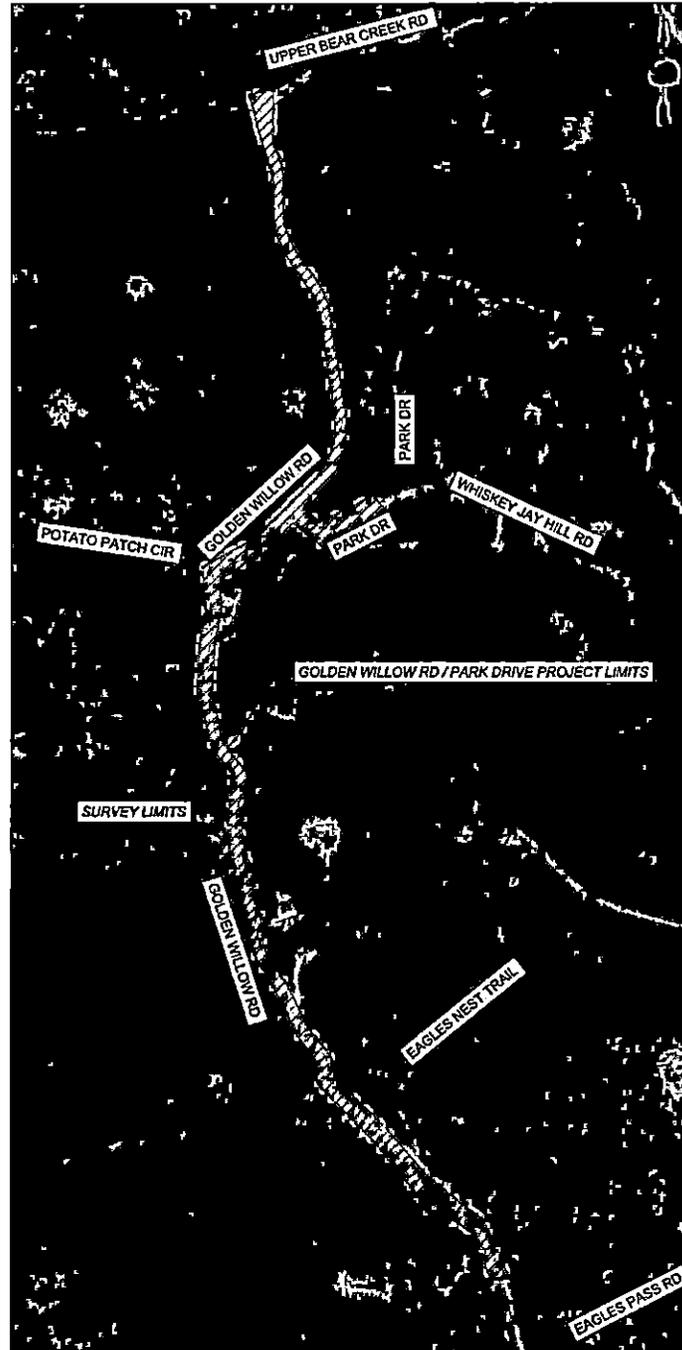
Approved as to form and legal sufficiency:

Peter A. Lichtman, County Attorney

4-15-25
Date



EXHIBIT A – PROJECT SITE MAP



Golden Willow Road & Park Drive – 1.2 Miles of Golden Willow Road from the intersection of Golden Willow Rd & Upper Bear Creek Road to the driveway of 663 Golden Willow Road and 400 feet of Park Drive from the intersection with Golden Willow Road to Whiskey Jay Hill Road.

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EXHIBIT B – TASK ORDER FEE SCHEDULE

Clear Creek County
Task Order #9: Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive
Engineering Fee Estimate
RockSol Consulting Group, Inc.
April 2, 2025

Task No.	Tasks Description	Estimated Total Task Hours	Total Task Cost
Design & Post-Design Services			
1	Project Management and Coordination	47	\$ 7,748
2	Supplemental Survey	26	\$ 3,855
3	Geotech & Pavement	66	\$ 12,486
4	Drainage & Sediment Pond (RESPEC)	206	\$ 32,088
5	Roadway	224	\$ 31,545
6	Services During Construction	15	\$ 2,577
Design & Post-Design Services Total		584	\$ 90,299

Fee Notes:

- Task No. 1, 3, 5, and 6 represents hours for RockSol staff. Task No. 2 represents hours for Wilson staff and Task No. 3 represents hours for RESPEC staff.
- Other Direct Costs consist of mileage.
- Rates shown are 2024 rates plus 4% per the Prime Agreement. All work is anticipated to occur in 2025.



Task No. 1 Project Management and Coordination

Clear Creek County
 Task Order #9: Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive

Effort to Conduct Tasks needed to accomplish Scope of Work	RockSol Consulting Group					Subtotal Hours	Subtotal Fee		
	Project Manager II (hours)	Staff Engineer I (hour)	Senior Geotechnical Engineer (hours)	Project Control and Admin (hours)	Billing Rate				
	Clouse	Scott	Goldbaum	Bouley/Francis	\$ 171.79	\$ 153.38	\$ 267.35	\$ 109.83	
A. Project Meetings									
Kickoff Meeting	1	1	1						\$ 592.52
Progress Meetings	6	6	3						\$ 2,753.06
Final Design Review Meeting (Virtual)	2	3	1						\$ 1,071.06
B. Project Management - Billing/Monthly Updates									
C. Develop/Maintain Project Schedules/Budgets	4			4					\$ 1,126.49
D. Task Order Contract Management	2			4					\$ 343.57
E. Subconsultant Contracting/Invoicing	6								\$ 1,470.06
RESPEC (Hydraulics & Hydrology)	1			2					\$ 391.46
Hours Sub-Total for Task defined above	22	10	5	10					47
Engineering Fee Sub-Total for Task defined above	\$ 3,779.32	\$ 1,533.79	\$ 1,336.76	\$ 1,098.34					\$ 7,748.22

Total: 47 \$ 7,748.22



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Task No. 2 Supplemental Survey (Wilson & Company)

Survey Fee Estimate Worksheet

TASK	8510	SR PARTY CHIEF (1/1)	PARTY CHIEF	PARTY CHIEF OR INSTRUMENTMAN	INSTRUMENTMAN	FIELD TECH	FIELD TECH OR SURVEY CAD	SURVEY CAD TECH	SR SURVEY CAD TECH (loading 1/)	SR SURVEY CAD TECH OR	PROFESSORIAL SUPERVISOR (2.5/1)	SURVEY MANAGER	CADD MANAGER	TOTAL
RESEARCH (1)														
Project Start-up/Administration														
Control Research														
Review Deeds/Title Work														
Training														
HORIZONTAL CONTROL (2)														
Set Control Monuments	1													
Verify Existing Control	1													
GPS Control														
Produce PCD														
Processing/Management														
VERTICAL CONTROL (3)														
Set Benchmarks														
Benchmark runs														
Profiles & Cross Sections														
TOPOGRAPHY (4)														
Conventional Topog	8													
RTK topo														
S-6 Topo														
BOUNDARY SURVEY (7)														
Section Tie Survey														
Urban Survey														
Boundary Surveys														
Easement Description/Exhibit														
DOCUMENTATION (8)														
Computations														
Documentation														
CADD Support														
MOBILIZATION/SUPERVISION (9)														
Travel time for crews														
QA/QC														
Project Management														
Supervision														
TOTAL	10	0	0	0	0	0	0	0	8	0	7	1	0	26
Total Manhours	\$1,140.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$998.40	\$0.00	\$1,310.40	\$208.00	\$0.00	\$3,660.80
Labor Costs														
Hourly Rates	\$114.00	\$171.60	\$104.00	\$156.00	\$72.80	\$109.20	\$62.40	\$93.60	\$124.80	\$187.20	\$187.20	\$208.00	\$135.20	\$3,660.80
Subtotal														\$3,660.80

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(Continued) Task No. 2 Supplemental Survey (Wilson & Company)

EXPENSE SUMMARY									
Lodging				days @	\$ 100.00	Per	\$	-	
Meals				days @	\$ 55.00	Per	\$	-	
Mileage (Truck)	66			miles @	\$ 0.67	Per	\$	44.22	
Mileage (Car)				miles @	\$ 0.65	Per	\$	-	
Computer				hrs @	\$ 16.00	Per	\$	-	
Piers				plots @	\$ 10.00	Per	\$	-	
GPS (2)	1			days @	\$ 150.00	Per	\$	150.00	
3rd party title research				each @	\$ 1,350.00	Per	\$	-	
Airline Travel							\$	-	
Air Cargo Expense							\$	-	
Misc. (Mail, Stakes, Monuments, ect.)							\$	-	
Lidar scanner				days @	\$ 600.00		\$	-	
Expenses SUBTOTAL							\$	194.22	
SURVEY/FEE ESTIMATE TOTAL								\$	3,855.02



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Task No. 3 Geotech & Pavement

**Clear Creek County
Task Order #9: Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive**

Effort to Conduct Tasks needed to accomplish Scope of Work	RockSol Consulting Group			Subtotal Hours	Subtotal Fee
	Senior Geotechnical Engineer (hours)	Senior Geologist (hours)	Geotechnical Staff Engineer I (hours)		
Billing Rate	\$ 267.35	\$ 170.20	\$ 153.38		
Geotechnical & Pavement Design					
Site Pavement Evaluation	Goldbaum 4	Lepro 6	Phillips 6	12	\$ 1,941.45
Geotech Recommendations for PD	4			4	\$ 1,069.41
Pavement Design for GW & PD	10		20	30	\$ 5,741.11
Coordination & Design Plan Support	4		4	8	\$ 1,682.93
Remarketing Pavement Repair Locations During Construction		6	6	12	\$ 1,941.45
Hours Sub-Total for Tasks defined above	18	12	36	66	
Engineering Fee Sub-Total for Task defined above	\$ 4,812.35	\$ 2,042.35	\$ 5,521.65		\$ 12,376.35

Geotech Labor Cost Total: \$ 12,376.35
 Mileage (82 miles round trip - 2 trips) \$ 109.88
Other Direct Costs: \$ 109.88
Total Fee: \$ 12,486.23



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Task No. 4 Drainage & Sediment Pond (RESPEC)

Clear Creek County - On-Call RFQ
 Task Order #9 - Golden Willow Road and Park Drive
 RESPEC FEE ESTIMATE
 November 11, 2024

Task No	Task Description	LR SM VI	WF PM IV	JC AM PE II	CC, MN		Total Hours	Total Price
					EN IV	DES IV		
3.1 Golden Willow Road								
3.11	Coordination		8			8	16	\$ 2,579
3.12	Study Phase	1	2	4		4	11	\$ 1,732
3.13	Hydrology and Hydraulics Analysis	1	3	9		24	37	\$ 5,351
3.14	Drainage Design Recommendations	2	4	6		16	28	\$ 4,254
3.15	Sediment Pond Design	2	2	4		16	24	\$ 3,588
3.16	Final Design Phase	2	8	4		8	22	\$ 3,630
3.17	Bid Documents	1	2	4		4	15	\$ 2,272
Task 3.1 - Subtotal Hours		9	29	31		84	153	
Task 3.1 - Subtotal Fee		\$ 2,406	\$ 5,429	\$ 4,514		\$ 11,357		\$ 23,405
3.2 Park Drive								
3.21	Coordination		4			4	8	\$ 1,290
3.22	Study Phase	1	2	4		4	11	\$ 1,732
3.23	Ditch Line Regrading and Recommendations	1	3	4		8	16	\$ 2,460
3.24	Final Design Phase	1	2	4		4	11	\$ 1,732
3.25	Bid Documents	1	2	2		2	7	\$ 1,170
Task 3.2 - Subtotal Hours		4	13	14		22	53	
Task 3.2 - Subtotal Fee		\$ 936	\$ 2,434	\$ 2,038		\$ 2,974		\$ 8,382
Subtotal Project Hours		13	42	45		106	206	
Subtotal Project Fee		\$ 3,042	\$ 7,862	\$ 6,552		\$ 14,331		\$ 31,788
Direct Costs								\$ 300
Total Fee								\$ 32,088

LR = Lee Rose; WF = Wyatt Foley; JC = John Costello; AM = Annie Malachuk; CC = Cassidy Corright; MN = Matt Nimerosky
 SM = Senior Project Manager; PM = Project Manager; PE = Project Engineer; EN = Engineer; DES = Designer (Levels are assigned from PM for each position based on expertise)

Assumptions:
 Existing infrastructure assumed to be provided by surveyor. Existing ditches and crossings to be evaluated. Evaluation will include hydrology and sediment transport to each location, existing capacity, and recommended drainage feature design based on local site conditions and recurrence intervals, including sediment pond design. All improvement recommendations to be shown on RockSoft's sheets.

SWMP, Environmental, Survey, and Geotech to be performed by others.

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Task No. 5 Roadway

Clear Creek County
Task Order #9: Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive

Effort to Conduct Tasks needed to accomplish Scope of Work	RockSol Consulting Group										Subtotal Hours	Subtotal Fee
	Project Manager II (hours)	Staff Engineer I (hours)	Engineer-In-Training I (hours)	Environmental Manager (hours)	Environmental Specialist II (hours)	Quality Control Senior Project Manager (Hours)	Project Control and Adm'n	Subtotal Hours	Subtotal Fee			
Billing Rate	\$ 171.79	\$ 153.38	\$ 108.80	\$ 174.84	\$ 130.56	\$ 285.26	\$ 109.83					
Roadway Design & Development	Clouse 26	Scott 63	Kosmiski 88	Gentile 6	Updegraff 12	Wessel 6	Brouillard 0					\$ 28,031.56
Full Roadway Design												\$ 806.21
Plan Sheet Setup with Aerial Imagery												\$ 2,697.97
General - Title, Typical Sections, General Notes	2	4	16									\$ 1,827.53
Quantities Summaries/Tabulations	2	4	8									\$ 4,142.61
Roadway Plans	2	12	18									\$ 5,197.86
Sediment Pond Detail & Plan Sheets	1	20	18									\$ 1,085.55
Traffic Control Quantities	2	2	4									\$ 3,397.49
SWMP Narrative & Plan Sheets	1	2	6	4	12							\$ 2,051.65
Cross Sections	1	8	6									\$ 1,126.88
Cost Estimate	3	4										\$ 1,687.17
Specifications	6	2		2								\$ 904.76
Constructability Review	4		2									\$ 3,103.88
RockSol QMS	2	4	4									\$ 3,458.25
Advertisement Plan Package	Clouse 6	Scott 5	Kosmiski 8	Gentile 0	Updegraff 0	Wessel 2	Brouillard 2					\$ 2,741.63
Post-FDR Revisions & Construction Bid Docs	4	4	8									\$ 716.62
Submit Advertisement Package and Record Set Package	2	1										\$ 219.67
Hours Sub-Total for Task defined above	32	68	96	6	12	8	2	224				
Engineering Fee Sub-Total for Task defined above	\$ 5,497.19	\$ 10,429.79	\$ 10,445.26	\$ 1,049.07	\$ 1,566.74	\$ 2,282.09	\$ 219.67					

Roadway Labor Cost Subtotal: \$ 31,489.81
 Mileage (82 miles round trip - 1 trips) \$ 54.94
 Other Direct Costs: \$ 54.94
 Total Fee: \$ 31,544.75

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Task No. 6 Services During Construction

Clear Creek County
Task Order #9: Pavement Rehab & Drainage Improvements for Golden Willow Road and Park Drive

Effort to Conduct Tasks needed to accomplish Scope of Work	RockSol Consulting Group	Subtotal Hours	Subtotal Fee
	Project Manager II (hours)		
Billing Rate	\$ 171.79		
Services During Construction	Clouse		
Technical Assistance for the County	15	15	\$ 2,576.81
Hours Sub-Total for Task defined above	15	15	
Engineering Fee Sub-Total for Task defined above	\$ 2,576.81		\$ 2,576.81

Total: 15 \$ 2,576.81

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