



Professional Engineering and Surveying Services for:

Downtown/Yampa Avenue Sidewalk Improvements
CDOT Project Number: MTF M255-007
CDOT Project Code: 23831



September 18, 2020

Landmark Job No.: TBD

City of Craig
Mr. Trevor Campbell, Road & Bridge Director
Ms. Liz White, City Clerk
Sent via email

RE: Professional Engineering and Surveying Services RFP
Downtown/Yampa Avenue Sidewalk Improvements Project Craig, Colorado

Dear Mr. Campbell and Ms. White:

Thank you for the opportunity to provide the City of Craig our proposal for your sidewalk improvements project. We have only become more excited about the project after spending time with you all last Friday. Getting to know and enjoying the people you may work with can- in itself - determine the success of a project through the developed working relationship.

We have the technical and creative aspects of the project covered and have proven experience participating in public outreach. The aggressive and compressed timeframe of your Consultant selection process didn't make us blink and we are looking forward to proving our capabilities and welcoming the City of Craig to the Landmark family.

Please do not hesitate to call me on my cell at 970-846-2592 or email at erikg@landmark-co.com with any questions.

Respectfully submitted,
Landmark Consultants, Inc.

Erik Griepentrog, P.E., Vice-President



Section B:

Our Team's primary point of contact and person authorized to make representations is:

Erik Griepentrog, P.E.
Cell: 970.846.2592
Email: erikg@landmark-co.com

As the project descends from high level review and development toward project development, the Team's Project Manager will be Tim:

Tim Brodman
Cell: 419.366.9014
Email: timb@landmark-co.com

Section C:

Northern Colorado has its own personality. The economic challenges, local identity and resiliency must be acknowledged, understood and accommodated. Steamboat and Craig are more similar than different. Other consulting firms may offer multiple office locations and large staffs, but that only means you are an account, not a partner. The ability to connect with your residents is critical to ensure cooperation – without it, this project will languish and may result in higher costs with reduced value.

We have worked in Northern Colorado for a quarter century. We chose to make this our home, start families, take pride in our work and not rely on parent companies. We regularly travel to Craig for personal errands and know you also feel welcome in Steamboat.

That being said, please do not confuse our professionalism and experience with small town practitioners. We have international corporate experience, top of class graduates, 3rd generation engineers, and Veterans on our Staff.

We have worked continuously within one of the most contentious jurisdictions; hypersensitive to environmental concerns, seasonal tourism and focused property ownership. We understand that contrarian perspectives often yield merit and better ideas do exist. Being able to listen to residents and wearing their proverbial shoes is a part of every project and that is something that 'Corporate' can try to teach, but never reach.

Our experience on projects that involve public interaction, at a local level, crushes the competition. We have participated in countless public hearings for development projects, assisted public entities in securing entitlements (including project approvals from FERC), and have taken the lead in Open Houses.

We applaud your Staff for already pursuing and securing the funds for this project – you already know the importance of improving your downtown area. The RFP asks to differentiate our services and solutions from our competitor. Frankly, we do not pretend to know their solutions, but are only focused on helping the City of Craig develop **value** from this project. **In order for us to succeed, you must succeed.**



- **Value** – Price/Cost is what you pay for goods or services to produce a project, but value cannot be calculated in numbers. Cost is ascertained from the City’s perspective, but value is ascertained from the **user’s** perspective:
 - ⌚ Improved business visibility with tree replacement or careful species selection;
 - ⌚ Attractive concrete surface treatments (NOT colored concrete) to serve as both crack control and differentiating sidewalk uses;
 - ⌚ Introducing attractive features, such as concrete ‘planter boxes’ around trees or along businesses that also provide casual seating;
 - ⌚ Inclusion of conduit under the sidewalk for immediate or future electric opportunities such as festive lights, street performances, electric car charging stations or maintenance requirements. This future electric consideration will be coordinated with our Electrical Engineer if requested;
 - ⌚ Improved ADA access for landlord leasing requirements;
 - ⌚ Increased pedestrian traffic for improved business and resident social enjoyment.
- **Process** – our Team has worked with, and assisted in developing, public standards that help administer how property owners and entities interface with the public right-of-way. The balance is always maintaining a sense of fairness without overstepping what many feel is government’s role. The following are specifically applicable to this project and the City of Craig may adopt, modify, or waive based on your operational requirements:
 - ⌚ Revocable Right-of-way Permit: By observation, there are multiple apparent encroachments and uses within the public right-of-way. Most are historic and relatively harmless, while others – such as sidewalk dining – may intrude upon the public’s enjoyment while benefiting private entities. We are not intending to create a debate, but the encroachments will need to be addressed or catalogued for the CDOT right-of-way review;
 - ⌚ Assessments: There will be the need to obtain permissions (temporary easements) for work to extend beyond the right-of-way to marry the new sidewalk to the recessed door thresholds (private property). This results in public funds improving private property and the property owner will need to contribute funds or construct these themselves. We have experience with this exercise;
 - ⌚ Having worked through the exact processes needed to execute a project like yours, we already have access to documents from the City of Steamboat Springs to be reviewed, modified or approved by the City of Craig. This includes Good Faith Estimates, easement agreements, and the example Special Provisions sections we provided during our interview.



- **Public Outreach** – although we are not a public relations Team, we understand the importance of interacting with business and property owners – as well as the general public. For this project, similar to others we have experience such as Steamboat Springs’ Yampa Street and 13th Street, and the new Pre-Kindergarten – eighth grade school in Routt County, we want to help the City with:
 - Extensively reviewing the project PRIOR to the first open house and evaluating the likely impacts or benefits to EACH property or business in order to interact specifically with the appropriate party;
 - Preparing easy to read or interpret plans for introducing the project to the public. We also have access to talented artists that can produce before/after perspectives if the City elects;
 - Communicating and interacting with the property and business owners as well as the general public. We are personable, relatable and should compliment the City Staff we have met to date;
 - We understand the importance of listening but are aware of the hazards of making commitments that may not be deliverable. The project’s funding and timing are very important and the Public’s expectations must be managed.
- **Connection** – this project is likely to last a year or longer. Being accessible by phone, video conferencing or in person is standard and expected by everyone.

We are less than an hour away (more than half the time of our competitor). Out of sight, out of mind does not apply to us.

Section D:

General Comments:

Utility Locates: The RFP references using 811 for the utility locates. It has been our experience that because this service is intended to protect utilities during excavation, ‘engineering’ locates are low priority and often incomplete. The 811 service is free and we are happy to coordinate with the City to see if the service is any better in Moffat County.

As a back up, we have obtained an estimate from a private utility locator to thoroughly mark the probable subsurface utilities. If the timing works, a discussion with the locator to use chalk or other water soluble marks may be desirable in order to avoid longer lasting and ugly paint marks. The surveyors will need to be readily available in the event of precipitation.

Please note that the private utility locator we included is NOT a substitute for the Subsurface Utility Engineering (SUE) requirements per Senate Bill 18-167.



It is our intent to represent defensible project improvements that will avoid the need for triggering a SUE, if possible.

Surveying: As stated during the interview, **the importance of having accurate base information cannot be overstated.** This will inform the design, serve as the basis for contractual quantities and determine the limit of ownership of parcels. Our field surveyors are planning on taking shots like what is shown in the next pictures.

This exhibit is intended to represent cross sections, door thresholds, changes in sidewalk/paving material and patterns, overhead encroachments, road cross sections with intermediate points to confirm grade breaks, tree openings, light poles, etc. The amount of data is desired to be enormous but we have developed internal processes to shortcut and manage data collection and processing in order to avoid inefficiencies and added cost.



The following was included in our original response to the RFQ and has been slightly edited **where bolded** to reflect our discussions:

1. Assist the City in navigating the CDOT Design Process, including:
 - a. Design Scoping Meeting—defining project objectives, developing the Project Delivery Plan, and defining important elements of the project (scope, schedule, & budget), to help keep the project on-track to successfully achieve objectives.
 - b. Field Inspection Review (FIR)—a review of preliminary construction plans that signifies the end of the preliminary design phase.
 - c. Final Office Review (FOR)—a final review of construction plans, specifications, and cost estimates for completeness and accuracy by the project team.



- d. Plans, Specifications, and Estimate (PSE)—final preparation of the bidding and construction documents.
2. Assist the City on communicating the project, its impacts, and its benefits to the public and impacted business owners. **We expect a minimum of 3 open houses and plan to provide:**
 - **Attendance by both Erik and Tim (as allowable)**
 - **Banner-style continuous plan with aerial photo underlay showing the full project limits on one document;**
 - **Additional materials that may be beneficial based on the direction of the design and construction budget.**
3. Perform a detailed Existing Conditions Survey of the project area that identifies existing conditions, topography, and right-of-way and adjacent property location. This item will be performed by Landmark's Colorado Licensed Surveyors.
4. Utilizing the Existing Conditions Survey, identify existing awnings, steps, roof elements, etc. that have been constructed into the public right-of-way. These can be catalogued and permitted or licensed by the City and remediated during this project or future development/redevelopment requests.
5. Identify areas where construction easements will be required to complete the work and assist the City in obtaining easements **and possible assessments;**
6. Review City ordinances for private maintenance requirements with City Staff. If there are requirements for maintenance of sidewalks, then there may be public/private partnership opportunities.
7. Identification of critical design areas, such as recessed door thresholds.
8. Perform a Swept Path Analysis at the fire station to confirm possible 'no parking' zones to facilitate turning movements of emergency vehicles.
9. Review the water system and current City Parks and Recreation Department maintenance practices to evaluate the benefits of installing an irrigation system for the existing/new trees and other areas of beautification. Irrigation vaults may be required for metering and winter maintenance/blow off. **This work is expected to be planned for by including conduit with the intent of a future implementation by the City in order to avoid triggering a SUE if possible.**
10. Consider installing conduit or electrical service for festive lighting. **Because the existing light poles are going to be reconditioned and reused, additional light poles are not likely as an exact match will be challenging. Therefore, we will have our electrical engineer review the loading options to ensure proper wiring to be flexible.**
11. Selecting ADA compliant tree grates.



12. Review veneers or treatments to the light pole bases/pedestals. We feel reconditioning and retrofitting of the existing light poles is a great option for cost savings and providing a connection to the past feel of the downtown Craig streetscape.
13. Evaluate and provide recommendations for adding or supplementing the existing lighting. **Again, if the light poles are considered finite, then adding poles may not be an option.**
14. Evaluate and provide drainage recommendations. Grading options and work will be limited based on the existing curb section and gutter profile and the on-grade existing building entrances.
15. Consider reinforced concrete specifically coinciding with the driveway crossings.
16. Review of existing curb cuts and future CDOT access controls.
17. Evaluate possible sidewalk treatments such as stamping, ~~coloring~~, and scoring to achieve an attractive and consistent pedestrian experience with an eye towards future stone removal and replacement if necessary. ***(please note that colored concrete, while attractive, is very difficult to match in the future if repairs are required).***
18. Work with the Craig Parks and Recreation department to evaluate the conditions of the existing trees and identify possible replacement species to improve aesthetics and reduce damage from roots. **Additionally, the visibility of the buildings and businesses should be considered when evaluating species.**
19. Assist the City **and CDOT** in obtaining the required environmental clearances.
20. Coordinate the improvements with the existing utility providers including Yampa Valley Electric, ATMOS Energy, Comcast, and Century Link.
21. Work with CDOT and the City to meet the requirements for CDOT's Multi-Modal Option Funding and ensure compliance with City, CDOT, and FHWA guidelines.
22. Prepare construction documents including plans, specifications, and a bid tabulation. The plans shall be prepared in 11x17 format and stamped by a licensed professional engineer. The plans will be provided in paper and pdf format.
23. Prepare an Engineer's Opinion of Probable Cost **at various stages of the design. The intent is to maintain an eye on the available construction budget while evaluating wants vs. needs, or the overall scope of the project.**
24. Assist the City in Construction Administration and Observation as required. Based on the RFQ, Landmark is available to supplement the availability of the City's Road and Bridge Director. Landmark is available to assist in:
 - Preparing and distributing bid packets;
 - Assisting the City in bid opening and prepare bid tabulation;
 - Conducting a pre-construction conference with contractor(s) and staff representatives,



- documenting files with minutes of meeting;
- Conducting work-in-progress inspections giving periodic reports and approving any and all partial payment requests;
- Reviewing progress schedule, shop drawing submittals concerning acceptability;
- Attending preconstruction, progress and any other project related meetings;
- Acting as the City's liaison with Contractor and CDOT;
 - CDOT NTP
 - CDOT forms required prior to work start
 - CDOT forms required during work
 - CDOT closeout paperwork
- Reviewing contractor's work, rejecting defective work, conducting routine inspections and reviewing test reports;
- Interpreting contract documents, specifications, and plans;
- Considering and evaluating the contractor's suggestions for modifications and make recommendations;
- Records: Maintaining daily diaries and job site orderly files for correspondence, meetings, work directive changes, addenda, change orders, field orders, material certifications and test reports, additional drawings issued, clarification and interpretations of contract documents, progress reports, and other project related documents;
- Reports: Furnishing the City periodic progress reports, consulting with the City in advance of scheduled major tests, inspections or start of important phases of work, draft proposed supplemental agreements, quantity adjustments and work directive changes, field orders, etc.;
- Reviewing pay applications with contractor for compliance and forward to the City for further handling;
- Completion: Before issuing a certificate of substantial completion, submit a list of observed items requiring completion or correction, conduct a final inspection in the company of the City, Contractor, and CDOT, and prepare a final list of items to be completed or corrected, and observe if completed;
- Submit a full binder with CDOT required documentation for paperwork closeout and payment

Insurance:

We generally meet the minimum insurance requirements but feel it appropriate to point out that we are not a Contractor, but a professional services provider. Therefore, we do not offer Bonding.



General Contract Terms and Conditions:

Our insurance is provided not only to protect us, but to protect the City of Craig as well. It is our goal to adhere to our insurer's requirements in order not to jeopardize coverage for anyone. Unfortunately, the indemnification statement cannot be agreed to as presented as it is too broad.

That being said, the indemnification section should be focused on negligence. We offer the following alternative for your consideration, which is directly from our professional liability insurer:

The Consultant agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, directors and employees (collectively, Client) against all damages or liabilities, to the extent caused by the Consultant's negligent performance of professional services under this Agreement and that of its subconsultants or anyone for whom the Consultant is legally liable.

The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Consultant, its officers, directors, employees and subconsultants (collectively, Consultant) against all damages or liabilities, to the extent caused by the Client's negligent acts, errors or omissions in connection with the Project as well as the acts, errors or omissions of its contractors, subcontractors or consultants or anyone for whom the Client is legally liable.

*Neither the Client nor the Consultant shall be obligated to indemnify the other party in any manner whatsoever for the other party's own **negligence**.*

Some Notes about the included Schedule:

The schedule included with this proposal is our best effort but many tasks and timelines are outside of Landmark's span of control. Many factors may adversely affect the anticipated scope dates and durations including, but not limited to, agency response, direction or information provided by others, COVID-19, illnesses, property owner agreements, etc. According to CDOT, the general timeline for completion of the design prior to advertising for bids is 1-2 years.

The durations on the schedule include considerations for others, including CDOT and City of Craig. Many of the tasks that include the City are simply to recognize that coordination is expected. Please note that the schedule is not exactly aligned with the City's milestones, but it isn't far off.

It is Landmark's intent to move the project forward as expeditiously as possible.

We look forward to hearing from you.

In closing, we want to leave you with the following unsolicited quote that was posted online by a CDOT employee:

"I would like to send out a special thank you to Erik Griepentrog and Tim Brodman with Landmark Consultants. The access project for Steamboat Christian Center was very complicated and demanded a high degree of skill and expertise in Engineering and Construction. We appreciate all your hard work on this project and looking forward to the next project." –Devon Drayton, CDOT Project Manager

ID	Task Name	Duration	Start	Finish	Resource Names	
1	Notice of Award	0 days	Tue 9/22/20	Tue 9/22/20	City of Craig	◆ 9/22
2	1.1 - CDOT Scoping Review	0 days	Wed 10/7/20	Wed 10/7/20	CDOT,City of Craig,Landmark	◆ 10/7
3	1.2 - Surveying and Base Mapping	13 days	Wed 9/23/20	Fri 10/9/20	Landmark	■ Landmark
4	Coordinate with City/Utilities/Locator	1 day	Wed 9/23/20	Wed 9/23/20	Landmark	■ Landmark
5	Obtain and Review pertinent Plats, review Assessor and Clerk deeds, etc.	1 day	Fri 9/25/20	Fri 9/25/20	Landmark	■ Landmark
6	Review CDOT Monumentation and/or Right-of-way records	1 day	Fri 9/25/20	Fri 9/25/20	Landmark	■ Landmark
7	Field Surveying	4 days	Tue 9/29/20	Fri 10/2/20	Landmark	■ Landmark
8	Drafting and 3D Model Creation	5 days	Mon 10/5/20	Fri 10/9/20	Landmark	■ Landmark
9	Stamped Deliverable	0 days	Fri 10/9/20	Fri 10/9/20	Landmark	◆ 10/9
10	1.3 - Schematic Design, CDOT F.I.R., Conceptual EOPCC	42 days	Wed 9/30/20	Thu 11/26/20		
11	Prepare Schematic Drawing	31 days	Wed 9/30/20	Wed 11/11/20	Landmark	■ Landmark
12	Evaluate Options for Streetscape - Assume up to 3 options (full block - one side)	13 days	Wed 9/30/20	Fri 10/16/20	City of Craig,Landmark,MGC Design,Wilder Eng	■ City of Craig,Landmark,MGC Design,Wilder Eng
13	Identify Non-Standard cross section areas (ADA compliance to door threshold)	5 days	Fri 10/9/20	Thu 10/15/20	Landmark	■ Landmark
14	Develop 'Check In' EOPCC	0 days	Mon 10/19/20	Mon 10/19/20	Landmark	◆ 10/19
15	CDOT F.I.R.	0 days	Fri 10/30/20	Fri 10/30/20	CDOT,City of Craig,Landmark	◆ 10/30
16	Update Plans per and CDOT and COC feedback	5 days	Fri 11/20/20	Thu 11/26/20	City of Craig,Landmark	■ City of Craig,Landmark
17	Prepare Documents and attend Initial Public Open House	0 days	Wed 11/11/20	Wed 11/11/20	City of Craig,Landmark,MGC Design	◆ 11/11
18	1.4 - Environmental Process	60 days	Wed 10/7/20	Tue 12/29/20	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
19	1.5 - Easement/ROW	129 days	Fri 10/9/20	Wed 4/7/21	Landmark	
20	Identify Existing Encroachments and prepare individual exhibits (non surveyed)	11 days	Fri 10/9/20	Fri 10/23/20	Landmark	■ Landmark
21	Identify Areas for Temporary Construction Easements/Prepare individual Exhibits (non-surveyed)	4 days	Fri 11/27/20	Wed 12/2/20	City of Craig,Landmark	■ City of Craig,Landmark
22	Obtain Easements and Assessment Agreements	90 days	Thu 12/3/20	Wed 4/7/21	City of Craig	■ City of Craig
23	1.6 - Utility Agreements	18 days	Mon 10/19/20	Wed 11/11/20	City of Craig,Landmark	
24	Contact local utility providers and determine if project impacts existing or future service requirements (assume no changes)	18 days	Mon 10/19/20	Wed 11/11/20	Landmark	■ Landmark
25	1.7 - Design Development, CDOT F.O.R., Update EOPCC	46 days	Wed 11/11/20	Wed 1/13/21		
26	Advance Design and Create Draft Drawing Package (Cover, Notes, Ex. Cond., Site Plan, Grading Plan, FL P&P, Details...)	14 days	Wed 11/11/20	Mon 11/30/20	Landmark,MGC Design,Wilder Eng	■ Landmark,MGC Design,Wilder Eng
27	Update EOPCC	1 day	Tue 12/1/20	Tue 12/1/20	Landmark	■ Landmark
28	CDOT F.O.R.	0 days	Wed 12/16/20	Wed 12/16/20	CDOT,City of Craig,Landmark	◆ 12/16
29	Prepare Documents and attend 2nd and 3rd Public Open Houses	21 days	Wed 12/16/20	Wed 1/13/21	City of Craig,Landmark,MGC Design	■ City of Craig,Landmark,MGC Design
30	1.8 - Plans, Specifications and Final EOPCC	102 days	Wed 12/2/20	Thu 4/22/21		
31	Update design per CDOT and COC Feedback	51 days	Wed 12/2/20	Wed 2/10/21	Landmark	■ Landmark
32	Jointly prepare Special Provisions	1 day	Thu 2/18/21	Thu 2/18/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
33	Complete Plan Set and Referenced Specifications	11 days	Thu 2/11/21	Thu 2/25/21	Landmark	■ Landmark
34	Submit to COC and CDOT for final review	0 days	Fri 2/26/21	Fri 2/26/21	Landmark	◆ 2/26
35	Update Plans, Bid Form, Special Provision and Final EOPCC	10 days	Fri 4/9/21	Thu 4/22/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
36	Stamp and Deliver Drawings	0 days	Thu 4/22/21	Thu 4/22/21	Landmark	◆ 4/22
37	1.9 - Supporting Advertising, Bid and Award Services	44 days	Mon 4/12/21	Thu 6/10/21		
38	Coordinate Advertisement with CDOT	21 days	Thu 5/13/21	Thu 6/10/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
39	Assist COC with Advertisements, RFIs, Addendums, BID Reviews, Award	14 days	Mon 4/12/21	Thu 4/29/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
40	1.10 - Construction Observation	59 days	Tue 6/22/21	Fri 9/10/21		
41	Assume 8 hours per week ON-SITE	10 wks	Tue 6/22/21	Mon 8/30/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark
42	Review Pay Apps, Material Testing Results, RFIs, Change Orders, etc. with COC	7.4 wks	Thu 7/22/21	Fri 9/10/21	City of Craig,Landmark	■ City of Craig,Landmark
43	Note exceptions to plans for Record Drawings	10 wks	Tue 6/22/21	Mon 8/30/21	City of Craig,Landmark	■ City of Craig,Landmark
44	Close Out Documents, final review and acceptance	3 wks	Mon 8/23/21	Fri 9/10/21	CDOT,City of Craig,Landmark	■ CDOT,City of Craig,Landmark

Project: City of Craig Downtown
Date: Thu 9/17/20

Task Split

Milestone Summary

◆

Project Summary Inactive Task

■

Inactive Milestone Summary

◆

Manual Task Duration-only

■

Manual Summary Rollup Manual Summary

■

Start-only Finish-only

■

External Tasks External Milestone

◆

Deadline Progress

◆

Manual Progress

■

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Underground Utility Locating Consultants, LLC
P.O. Box 176
Oak Creek, CO 80467

Estimate

Date	Estimate #
9/16/2020	617

Name / Address
Landmark Consultants Inc. P.O. Box 774943 Steamboat Springs, CO 80477

Phone #	E-mail
970-819-0547	locator@uulc-llc.com
	Web Site
	uulc-llc.com

					Project #	
Victory Way and Yampa Ave					Craig DTWN Beautifica...	
Qty	Item	Description	U/M	Rate	Total	
1	Consultation	Utility facility consultation and mapping requests	M/Hr.	95.00	95.00	
4	Locating/Marking - Man ...	Locating & Marking of Dry Utilities - Electric, Telecom & CATV, Fiber Optic Communications	M/Hr.	95.00	380.00	
2	Sec.Locating/Marking - ...	Locating & Marking of Private Secondary Dry Utilities - Electric, Telecom & CATV, Fiber Optic Communications, Gas	M/Hr.	95.00	190.00	
3.5	Standard Travel	Hourly		95.00	332.50	
170	Mileage	Mileage/Ea.		0.575	97.75	
2	Paint		can	8.00	16.00	

All Estimates must be accepted with a client signature and returned via email prior to UULC, LLC acceptance of locate request. All third party billing will be pre-authorized with customer credit card prior to locate request.

I understand that this locate is being performed by electronic locating devices and that there are no guarantees - written or implied and shall indemnify and hold Underground Utility Locating Consultants LLC, its clients, its agents, employees, all persons claiming hereunder harmless from and against any and all claims, damages, losses and/or expenses, including attorney's fees, relating to, arising out of or resulting from the performance of the work or the accuracy of the locate itself or resulting from the performance of the work or the accuracy of the locates individually or as a whole.

Acceptance Signature: (X) _____

LANDMARK CONSULTANTS, INC

SCOPE OF WORK AND PROBABLE FEE CALCULATOR

9/18/2020

City of Craig Downtown Sidewalk Improvements											
			Landmark - Engineering			Landmark - Surveying			LA	EE	
Hourly Rates			Erik	Tim	Matt	Jeff	AJ	Crew	Michael	Andy	SUBTOTAL
			\$170	\$140	\$115	\$150	\$130	\$145	\$120	\$120	TOTAL
1	Project Development										\$ 80,290
1.1	CDOT Scoping Review		2	2							\$ 620
1.2	Surveying and Base Mapping										\$ -
	1.2.1	Obtain and Review pertinent Plats, review Assessor and Clerk deeds, etc.				4					\$ 600
	1.2.2	Review CDOT Monumentation and/or Right-of-way records				4					\$ 600
	1.2.3	Coordinate with City/Utilities/Locator					4				\$ 520
	1.2.4	Field Surveying						40			\$ 5,800
	1.2.5	Drafting and 3D Model Creation					16				\$ 2,080
	1.2.6	Stamped Deliverable				2	2				\$ 560
1.3	Schematic Design, CDOT F.I.R., Conceptual EOPCC										\$ -
	1.3.1	Evaluate Options for Streetscape - Assume up to 3 options (full block - one side)	2	4	8				8		\$ 2,780
	1.3.2	Identify Non-Standard cross section areas (ADA compliance to door threshold)	1	2	4						\$ 910
	1.3.3	Prepare Schematic Drawing	2	2	8						\$ 1,540
	1.3.4	Develop 'Check In' EOPCC	1	12							\$ 1,850
	1.3.6	CDOT F.I.R.	6	6							\$ 1,860
	1.3.5	Update Plans per and CDOT and COC feedback	2	6	8						\$ 2,100
	1.3.7	Prepare Documents and attend Initial Public Open House	5	8	4						\$ 2,430
	1.3.8	Project Management, Client Meetings, Misc.	2	8							\$ 1,460
1.4	Environmental Process										\$ -
	1.4.1	Provide Support to COC		2							\$ 280
1.5	Easement/ROW										\$ -
	1.5.1	Identify Existing Encroachments and prepare individual exhibits (non surveyed)	1	2	8						\$ 1,370
	1.5.2	Identify Areas for Temporary Construction Easements/Prepare individual Exhibits (non-surveyed)	1	2	4						\$ 910
	1.5.3	Provide Support to COC	1	2							\$ 450
1.6	Utility Agreements										\$ -
	1.6.1	Contact local utility providers and determine if project impacts existing or future service requirements (assume no changes)		2							\$ 280
1.7	Design Development, CDOT F.O.R., Update EOPCC										\$ -
	1.7.1	Advance Design and Create Draft Drawing Package (Cover, Notes, Ex. Cond., Site Plan, Grading Plan, FL P&P, Details...)	4	8	40					16	\$ 8,320
	1.7.2	Update EOPCC		4							\$ 560
	1.7.3	CDOT F.O.R.	2	8							\$ 1,460
	1.7.4	Prepare Documents and attend 2nd and 3rd Public Open Houses	10	8	2						\$ 3,050
	1.7.5	Project Management, Client Meetings, Misc.	2	8							\$ 1,460
1.8	Plans, Specifications and Final EOPCC										\$ -
	1.8.1	Update design per CDOT and COC Feedback	2	4	24						\$ 3,660
	1.8.2	Jointly prepare Special Provisions	1	12							\$ 1,850
	1.8.3	Complete Plan Set and Referenced Specifications	2	12	8						\$ 2,940
	1.8.4	Submit to COC and CDOT for final review	1	2							\$ 450
	1.8.5	Update Plans, Bid Form, Special Provision and Final EOPCC	2	4	8						\$ 1,820
	1.8.6	Stamp and Deliver Drawings	1	2							\$ 450
											\$ -
1.9	Supporting Advertising, Bid and Award Services										\$ -
	1.9.1	Coordinate Advertisement with CDOT	2	2							\$ 620
	1.9.2	Assist COC with Advertisements, RFIs, Addendums, BID Reviews, Award	2	4							\$ 900
1.10	Construction Observation										\$ -
	1.10.1	Assume 8 hours per week ON-SITE (assume 3 months/4 weeks per month)	24	96							\$ 17,520
	1.10.2	Review Pay Apps, Material Testing Results, RFIs, Change Orders, etc. with COC	2	16							\$ 2,580
	1.10.3	Note exceptions to plans for Record Drawings	1	4							\$ 730
	1.10.4	Close Out Documents, final review and acceptance	4	16							\$ 2,920

[illegible]