



PROJECT NO: 17107.00	DATE: 4/30/19
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Client: City of Sparks c/o Bob Schricker
 Project Name: Sparks 2019 CDBG Neighborhood Street Reconstruction
 Agreement (contract): Proposal dated 3-23-2017

DESCRIPTION OF WORK

1. Task C5: Pavement Coring
 CFA utilized Black Eagle Consulting as sub-consultant to perform 6 AC cores (3 on 16th St. between D St. and Prater Way and 3 on D St. between 16th St. and 15th St.) per the attached proposal. CFA has applied a 10% mark-up for oversight and administration of these sub-consulted services.

2. Task C6: Final Plans – D & 16th Streets
 CFA split this year's work into 2 plan sets. 1 Street design was completed under the original contract and will be constructed this summer. CFA will prepare D & 16th for bidding and construction in 2020.

FEE

Task C5: Pavement Coring.....	\$ 2,750
Task C6: FinalPlans–D&16thStreets.....	\$ 3,250
Total \$	6,000

COMPENSATION ARRANGEMENT

- Time and materials payment per current fee schedule (attached)
- Lump Sum payment
- Other (specify) _____

In witness whereof, the parties hereto have accepted, made and executed this agreement for work upon the terms, conditions and provisions stated above, the day and year first written above.

CFA, Inc.
 By: 
 Title: Principal/Engineering Manager
 Date: 4/30/19

Client:
 By: _____
 Title: _____
 Date: _____

Ms. Catie Harrison, P.E.
CFA, Inc.
1150 Corporate Boulevard
Reno, NV 89502

Exhibit A
October 30, 2018

**RE: Proposal to Perform Pavement Coring
16th Street and D Street
Sparks, Nevada**

Dear Ms. Harrison:

Black Eagle Consulting, Inc. (BEC) is pleased to submit the following proposal to advance pavement coring exploration within segments of 16th Street and D Street to determine the thickness of the existing structural section (i.e., thickness of existing asphalt concrete and thickness of any underlying aggregate base). It is our understanding that the existing structural section information is needed for the proposed pavement rehabilitation project. The project limits on 16th Street extend between Prater Way and D Street, and the project limits on D Street extend between 16th Street and 15th Street.

As requested, 3 pavement core holes will be advanced within each of the above-noted 16th Street and D Street segments (6 pavement core holes total). Black Eagle Consulting, Inc. will obtain an encroachment permit from City of Sparks for our exploration activities within the streets. The pavement core hole locations will be selected at representative areas during an initial site visit. Black Eagle Consulting, Inc. will also obtain utility clearance from Underground Service Alert prior to the coring work at the intended locations. We expect minimal traffic control in the forms of travel lane shift and/or parking lane closure for our coring work. The encroachment permit for the coring work within the streets requires the utilization of a licensed contractor. Since BEC does not possess a contractor's license, we will utilize a coring/drilling subcontractor to advance the core holes through the existing asphalt concrete pavement. At each core location, BEC geotechnical personnel will then advance a hand auger to determine the thickness of any aggregate base section. The existing structural section (asphalt concrete and any underlying base) will be measured at each pavement core location by our geotechnical personnel. The shallow pavement core holes will be backfilled with excavated spoils placed and densified with equipment on hand and then patched at the surface using non-shrink grout.

A table presenting the structural section at each core location and a plot plan showing the locations of the pavement core holes will be forwarded under a brief cover letter.

The cost for the above-noted services will be \$2,500.00. We will submit the encroachment permit application to City of Sparks with 5 days of authorization. The coring work is anticipated to be scheduled within 10 days of authorization. The results from our coring work will be issued within 3 days of the completion of the coring work.

Unless BEC executes a contract to the contrary, all work will be conducted in accordance with the attached Professional Services Agreement. If the terms of the contract and the scope of this proposal are acceptable, please execute the Professional Services Agreement, make a copy for your records, and return the executed agreement as your authorization for BEC to proceed. The Professional Services Agreement shall be binding on both parties if work is started prior to its execution. The proposed cost noted above includes an allowance for



Black Eagle Consulting, Inc.
Geotechnical & Construction Services

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Reno, Nevada 89502-7140

Tel: 775/359-6600

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Email: mail@blackeagleconsulting.com

design coordination up until the final letter with pavement core results is issued. Any additional work the client deems necessary will be billed on a time-and-materials basis in accordance with our Standard Rates for Services in effect at the time of service. A copy of our current standard rates schedule has also been attached to this proposal.

We wish to thank you for the opportunity to submit this proposal and look forward to the possibility of working with you on this project.

Sincerely,

Black Eagle Consulting, Inc.



Vimal P. Vimalaraj, P.E.

Engineering Division Manager

Enclosures: Professional Services Agreement
2018 Standard Rates for Services

PV:cjr

