

BILL NO. 2021-054

ORDINANCE NO. 8436

A SPECIAL ORDINANCE OF THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI, AUTHORIZING THE EXECUTION OF A SUPPLEMENTAL AGREEMENT WITH H.W. LOCHNER, INC. OF KANSAS CITY, MISSOURI FOR DESIGN SERVICES

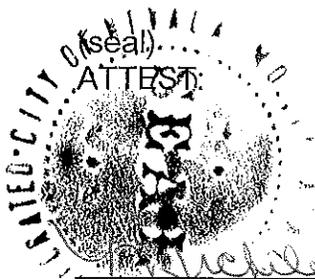
BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI, THAT:

Section 1. The aviation project consultant supplemental agreement attached hereto as Exhibit "A" and incorporated herein by reference, between the City of Nevada and H.W. Lochner, Inc., of Kansas City, Missouri, is hereby approved.

Section 2. The City Manager is hereby authorized and directed to execute the attached agreement and documents relating to the Nevada Municipal Airport runway lighting project. The City Clerk is hereby authorized and directed to seal and attest the attached agreement.

Section 3. This ordinance is in full force and effect after its passage.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Nevada, Missouri, this day 24th of August 2021.



Michele Bailey, City Clerk

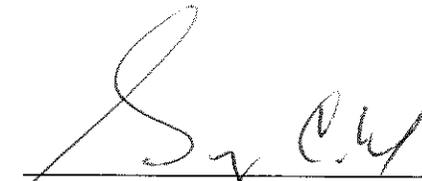

George Knox, Mayor

EXHIBIT II - SA1
SCOPE OF SERVICES

The Consultant, in consideration of the payment on the part of the Sponsor, agrees to perform the engineering services enumerated as follows:

The Consultant will perform a topographical survey required to produce engineer's summary of findings for the Project. The services required for design and bidding, construction administration, observation and materials testing for the mitigation of the potential obstructions identified in this analysis may be added to this Supplemental Agreement by Supplement upon completion of the Design Phase Services. All services will be performed in accordance with all applicable federal, state and local laws, ordinances, regulations and codes, together with good engineering practice and applicable FAA advisory circulars (AC's), standards, guidance and/or agency orders and MoDOT requirements and changes/revisions current at the time of execution of this Agreement including but not limited to those listed on EXHIBIT IIA included with the Original Agreement. The improvements that are being designed on the project shall be consistent with a current and approved Airport Layout Plan.

The Consultant shall not proceed with services herein until a notice-to-proceed is received from the Sponsor unless otherwise requested by the Sponsor.

The following is a detailed description of the specific services that are required by this Supplemental Agreement No. 1.

A. BASIC SERVICES

No change to the Original Agreement for Items 1. – 4.

Add the following Section 5. to the Original Agreement.

5. Runway 2-20 Obstruction Analysis

- a. Perform field survey as required. The survey area as depicted on the attached exhibits will consist of the following:
 - 1) Coordinate access to the project site with the Engineer and the Airport.
 - 2) Establish project baseline by locating both ends of Runway 2-20 on centerline from the original survey. These runway end points will be used as horizontal control points during the survey and construction. The horizontal control points shall be established on NAD 83 or better control.
 - 3) Establish vertical control at the site based upon U.S.G.S. NAVD 88 datum if an existing benchmark is not already located there.

- 4) Establish existing airport property line, as well as private residence property line, by setting survey lath and flagging at all corners and at intervals not to exceed 300'. Reference attached Runway 2 Survey Exhibit.
 - 5) Identify location of utility poles and trees as indicated in attached exhibits. Survey shall include:
 - (1) Base elevation of tree or pole to the nearest 0.01 ft.
 - (2) Maximum height of tree or pole to the nearest 0.10 ft.
- b. Prepare Obstruction Analysis Narrative: The Narrative will include analysis regarding the potential obstructions within the Runway 2-20 Approach Areas and recommended mitigation of all confirmed obstructions. Submit Obstruction Analysis Narrative to the Sponsor and MoDOT. PDF copies will be submitted electronically with hard copies provided upon request.

B. SPECIAL SERVICES

No change to the Original Agreement.

C. CONSTRUCTION SERVICES

No change to the Original Agreement.

EXHIBIT IV-SA1
DERIVATION OF CONSULTANT PROJECT COSTS

BASE BID

REPLACE RUNWAY 2-20 MEDIUM INTENSITY RUNWAY LIGHTING (MIRL) SYSTEM
 REPLACE RUNWAY 2-20 HOLDING POSITION SIGNS
 REPLACE RUNWAY 2-20 RUNWAY END IDENTIFIER LIGHTS (REIL)
 REPLACE APRON CONNECTING TAXIWAY MEDIUM INTENSITY TAXIWAY
 LIGHTING (MITL) SYSTEM
 REPLACE PRIMARY WIND CONE

ADD ALTERNATE

REPLACE RUNWAY 2-20 PRECISION APPROACH PATH INDICATOR (PAPI) SYSTEMS

MODOT PROJECT NO. 21-082A-1
 NEVADA MUNICIPAL AIRPORT (NVD)
 NEVADA, MISSOURI

ADDITIONAL BASIC SERVICES

July 15, 2021

1. DIRECT SALARY COSTS:

<u>TITLE</u>	<u>HOURS</u>	<u>RATE/HOUR</u>	<u>COST (\$)</u>
Project Manager	3	\$60.00	\$ 180.00
Design Engineer II	17	\$45.00	\$ 765.00
Design Engineer I	24	\$38.00	\$ 912.00
Technician	10	\$30.00	\$ 300.00
Administrative Asst.	10	\$25.00	\$ 250.00
Total Direct Salary Costs			= \$ 2,407.00

2. LABOR AND GENERAL ADMINISTRATIVE OVERHEAD

Percentage of Direct Salary Costs @ 155.11% = \$ 3,733.50

3. SUBTOTAL:

Items 1 and 2 = \$ 6,140.50

4. PROFIT:

15% of Item 3 Subtotal = \$ 921.07

Subtotal of Items 3 and 4 \$ 7,061.57 Lump Sum Fee

5. OUT-OF-POCKET EXPENSES:

a. Mileage 200 miles @ \$0.56/mile = \$ 112.00
 b. Meals 1 @ \$55.00/day = \$ 27.50
 c. Motel 0 days @ \$96.00/day = \$ -
 d. Mailing & Misc. Expenses = \$ 551.86

Total Out-of-Pocket Expenses = \$ 691.36 Not to Exceed

6. SUBCONTRACT COST:

a. Subconsultant TREKK (Obstruction Survey) \$ 22,247.07 Not to Exceed

7. TOTAL FEE:

Items 4, 5 and 6 \$ 30,000.00 Not to Exceed

Exhibit IV-SA1-1

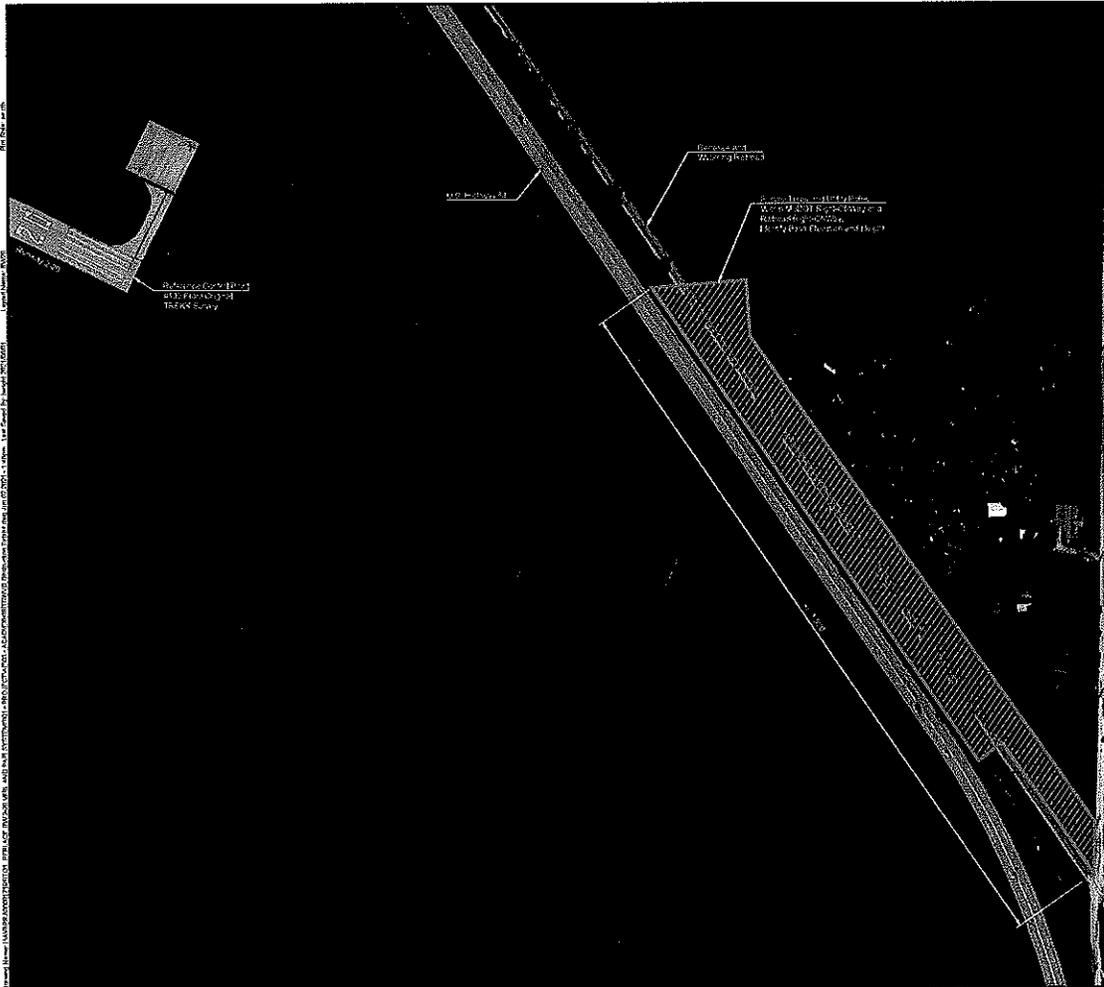
EXHIBIT VI – SA1

PERFORMANCE SCHEDULE

The Consultant agrees to proceed with services immediately upon receipt of written Notice to Proceed (NTP) by the Sponsor for this Supplemental Agreement No. 1 and to employ such personnel as required to complete the scope of services in accordance with the following time schedule:

A. BASIC SERVICES

5. Runway 2-20 Obstruction Analysis **(45)** calendar days
after receipt of NTP



LEGEND

- Survey Runway Extension
- Survey Property Boundary and the City and necessary to include Property Boundary

This document is preliminary in nature and is not a final signed and sealed document.

LOCHNER
 16103 W. 112th Street | Suite 107 | Lenexa, Kansas 66219
 P 816.845.0440 | www.lochner.com

CITY OF NEVADA, MISSOURI
 NEVADA MUNICIPAL AIRPORT (MND)
 NEVADA, MISSOURI

DATE	08/07/11
DESIGNER	LOCHNER
CHECKER	LOCHNER
DATE	08/07/11
DATE	08/07/11
DATE	08/07/11

RUNWAY 20
 SURVEY EX-181