



LAKE COUNTY FOREST PRESERVES
www.LCFPD.org

Preservation, Restoration, Education and Recreation

DATE: June 4, 2018

MEMO TO: Craig Taylor, Chair
Operations Committee

S. Michael Rummel, Chair
Finance Committee

Agenda Item# 9.6

FROM: James L. Anderson
Director of Natural Resources

RECOMMENDATION: Recommend approval of a Resolution awarding a Contract for an Occupancy Survey of Semi-Aquatic Mammals on District Lands to Southern Illinois University Cooperative Wildlife Research Laboratory, Carbondale, Illinois, in the Contract Price of \$52,286.00.

STRATEGIC DIRECTION SUPPORTED: Conservation

FINANCIAL DATA: This survey is a portion of the Southern Des Plaines Restoration Project which was approved as part of the adopted FY2017/2018 Budget in the amount of \$204,137.00. This portion of the project was estimated at \$50,000.00. The actual cost of \$52,286.00 will be charged to the Southern Des Plaines Habitat Restoration Fund, (35304100-803200-65004), over the next two fiscal years: \$25,854.00 in FY 2018-19; \$26,432.00 for FY 2020.

BACKGROUND: Semi-aquatic mammals (beaver, mink, muskrat, and river otter) serve as important sentinel species in aquatic systems. The presence/absence of such species can indicate the overall health of aquatic systems and nearby terrestrial systems as a whole. Currently, there is a lack of understanding about the impact the District's restoration of riparian corridors and wetlands, such as those in the southern Des Plaines River, may have on these stream-dwelling species and their habitats. Preliminary surveys conducted by District wildlife biologists have highlighted the shortcomings of the current Wildlife Monitoring Program's monitoring strategies with respect to semi-aquatic mammals. Hiring Southern Illinois University Carbondale will provide the District in-depth analysis of what landscape characteristics are impacting the presence/absence of these species within aquatic systems in its Preserves, and thus provide information that will inform future restoration of aquatic systems on District lands.

During the 2018 & 2019 monitoring seasons, 103 points will be monitored at 47 preserves for semi-aquatic mammal presence and abundance. Staff wildlife biologists will oversee and coordinate field data collection and incorporate the data received into District data files. To assist this process, staff recommends hiring Southern Illinois University Carbondale's Cooperative Wildlife Research Laboratory (SIU) to provide ecological assessment services. SIU will provide an MS student to conduct surveys and analyze those data collected. Data collected as part of the wildlife monitoring program and existing geographical information system (GIS) habitat management data will be analyzed in order to provide recommendations to more efficiently and effectively manage habitat for populations of wildlife. 2018 will be the first year of a two-year MS lead project and partnership with SIU to complete in-depth analyses of the District's semi-aquatic wildlife data.

REVIEW BY OTHERS: Executive Director, Chief Operations Officer, Director of Finance, Purchasing Manager, Corporate Counsel

**LAKE COUNTY FOREST PRESERVE DISTRICT
LAKE COUNTY, ILLINOIS**

**A RESOLUTION AWARDING A CONTRACT FOR AN
OCCUPANCY SURVEY OF SEMI-AQUATIC MAMMALS TO
SOUTHERN ILLINOIS UNIVERSITY**

WHEREAS, the Lake County Forest Preserve District (the "District") desires to purchase ecological assessment services to detect the presence or absence of certain semi-aquatic mammal species on District property, detect long-term changes regarding such species, develop standardized biological information regarding such species on District property, and develop ecological management goals and objectives (the "Services"); and

WHEREAS, the District's Purchasing Manager and Director of Natural Resources have determined that the Services require personal confidence; and

WHEREAS, Southern Illinois University ("SIU") has submitted a proposal for the Services (the "Proposal"), and the District's staff, the Purchasing Manager, the Director of Natural Resources, and the Operations and Finance Committees have reviewed the Proposal and recommend that the Board of Commissioners (i) find the Proposal submitted by SIU to be the proposal that is most advantageous to the District, and (ii) award a contract for the Services to SIU (the "Contract") in the amount of \$52,286.00 (the "Contract Price"); and

WHEREAS, the Board of Commissioners hereby finds that the Proposal for the Services submitted by SIU is the proposal that is most advantageous to the District;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois THAT:

Section 1. Recitals. The recitals set forth above are incorporated as a part of this Resolution by this reference.

Section 2. Award of Contract. A Contract for the Services in the amount of \$52,286.00 (the "Contract Price"), in substantially the form attached hereto, is hereby awarded to SIU.

Section 2. Execution of Contract. The Executive Director of the District is hereby authorized and directed to execute the Contract for the Services in the amount of the Contract Price.

Section 4. Payments. The Treasurer shall make payments under the Contract only pursuant to and in accordance with the Contract terms.

Section 5. Effective Date. This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this _____ day of _____, 2018

AYES:

NAYS:

APPROVED this _____ day of _____, 2018

Ann B. Maine, President
Lake County Forest Preserve District

ATTEST:

Julie Gragnani, Secretary
Lake County Forest Preserve District

Exhibit No. _____

Lake County Forest Preserves

www.LCFPD.org



CONTRACT BETWEEN

LAKE COUNTY FOREST PRESERVE DISTRICT

AND

SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE

FOR THE

OCCUPANCY OF SEMI-AQUATIC MAMMALS ON
LCFPD LANDS: IMPLICATIONS FOR RESTORATION
PROJECT AT

MULTIPLE FOREST PRESERVES

PROJECT NO.: 65004-150-897

TABLE OF CONTENTS

ARTICLE I - THE SERVICES..... 3

 1.1 Performance of the Services..... 3

 1.2 Commencement and Completion Dates..... 3

 1.3 Required Submittals..... 4

 1.4 Review and Incorporation of Contract Provisions..... 4

 1.5 Financial and Technical Ability to Perform 4

 1.6 Time 4

 1.7 Consultant’s Personnel and Sub-Consultants 4

 1.8 Owner’s Responsibilities 5

 1.9 Owner’s Right to Terminate or Suspend Services for Convenience 5

ARTICLE II - CHANGES AND DELAYS..... 6

 2.1 Changes 6

 2.2 Delays..... 6

 2.3 No Constructive Change Orders 6

ARTICLE III - CONSULTANT’S RESPONSIBILITY FOR DEFECTIVE SERVICES 7

 3.1 Representation of Compliance..... 7

 3.2 Corrections 7

 3.3 Risk of Loss 7

ARTICLE IV - INSURANCE; INDEMNIFICATION..... 7

 4.1 Insurance..... 7

 4.2 Indemnification..... 7

ARTICLE V - PAYMENT 8

 5.1 Contract Price..... 8

 5.2 Taxes, Benefits and Royalties..... 8

 5.3 Progress Payments..... 8

 5.4 Final Acceptance and Final Payment..... 9

 5.5 Deductions..... 9

 5.6 Accounting..... 10

ARTICLE VI - REMEDIES.....	10
6.1 Owner's Remedies.....	10
6.2 Terminations and Suspensions by Owner Deemed for Convenience.....	11
ARTICLE VII - LEGAL RELATIONSHIPS AND REQUIREMENTS.....	11
7.1 Binding Effect.....	11
7.2 Relationship of the Parties	11
7.3 No Collusion	11
7.4 Assignment.....	11
7.5 Confidential Information	12
7.6 No Waiver.....	12
7.7 No Third Party Beneficiaries	12
7.8 Notices.....	12
7.9 Governing Laws.....	13
7.10 Changes in Laws	13
7.11 Compliance with Laws and Grants.....	13
7.12 Ownership of Documents.....	13
7.13 Time	14
7.14 Severability	14
7.15 Entire Agreement.....	14
7.16 Amendments.....	14

ATTACHMENT A – SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

ATTACHMENT B – CONSULTANT'S SCOPE OF WORK

ATTACHMENT C – KEY PERSONNEL

**CONTRACT BETWEEN
LAKE COUNTY FOREST PRESERVE DISTRICT
AND
SOUTHERN ILLINOIS UNIVERSITY CARBONDALE
FOR THE
OCCUPANCY OF SEMI-AQUATIC MAMMALS ON LCFPD LANDS:
IMPLICATIONS FOR RESTORATION PROJECT AT
MULTIPLE FOREST PRESERVES**

In consideration of the agreements set forth below, the Lake County Forest Preserve District, a body corporate and politic and unit of local government organized and existing under the Downstate Forest Preserve District Act, 70 ILCS 805/001 et seq., 1899 West Winchester Road, Libertyville, Illinois 60048, ("Owner") and The Board of Trustees, Southern Illinois University Carbondale, a(n) State of Illinois Higher Education Institution, by and on behalf of Southern Illinois University Carbondale located at Office of Sponsored Projects Administration, 900 S Normal Avenue, Woody Hall Mailcode 4709, Carbondale, Illinois 62901-6504 ("Consultant") make this Contract as of June 1, 2018 and hereby agree as follows:

ARTICLE I - THE SERVICES

1.1 Performance of the Services

Consultant shall, at its sole cost and expense, provide, perform, and complete all of the following professional ecological assessment services, all of which is referred to in this Agreement as the "Services":

- A. Professional Services. Provide, perform, and complete, in the manner described and specified in this Contract, all professional services necessary to accomplish the "Project," as defined in Attachment A, in accordance with the Scope of Services attached hereto as Attachment B.
- B. Approvals. Maintain and furnish all approvals and authorizations specified in Attachment A.
- C. Insurance. Furnish all required certificates and policies of insurance specified in Attachment A.
- D. Standard of Performance. Provide, perform, and complete all of the foregoing in full compliance with this Contract, in a professional manner, and in accordance with standards of professional practice, care and diligence in existence at the time performance of the Services is rendered appropriate to an institution of higher education (the "Standard of Performance").

1.2 Commencement and Completion Dates

Consultant shall commence the Services not later than the "Commencement Date" set forth in Attachment A, and shall diligently and continuously prosecute the Services at such a rate as will allow the Services to be fully provided, performed and completed in full compliance with this Contract not later than the "Completion Date" or, if the Services are to be performed in separate phases, the "Completion Dates," set forth in Attachment A. The time of commencement, rate of progress, and time of completion are referred to in this Contract as the "Contract Time."

1.3 Required Submittals

A. Submittals Required. Consultant shall submit to Owner all reports, documents, data, and information required to be submitted by Consultant under this Contract ("Required Submittals").

B. Time of Submission and Owner's Review. All Required Submittals shall be provided to Owner no later than the time, if any, specified in Attachment A, or otherwise in this Contract. If no time for submission is specified for any Required Submittal, then that Submittal shall be submitted within a reasonable time in light of its purpose and, in all events, in sufficient time, in Owner's opinion, to permit Owner to review that Submittal same prior to the commencement of any part of the Services to which that Submittal may relate. Owner shall have the right to require such corrections as may be necessary to make any Required Submittal conform to this Contract. No Services related to any Required Submittal shall be performed by Consultant until Owner has completed review of such Required Submittal with no exception noted. Owner's review and approval of any Required Submittal shall not relieve Consultant of the entire responsibility for the performance of the Services in full compliance with, and as required by or pursuant to this Contract, and shall not be regarded as any assumption of risk or liability by Owner. The Consultant shall not be held liable for claims of delay caused by the Owner's failure to timely review and approve any Required Submittal.

C. Responsibility for Delay. Consultant shall be responsible for any delay in the Services resulting from Consultant's, or its Sub-consultant's, delay in providing Required Submittals conforming to this Contract.

1.4 Review and Incorporation of Contract Provisions

Consultant represents and declares that it has carefully reviewed, and fully understands, this Contract, including all of its Attachments, all of which are by this reference incorporated into and made a part of this Contract.

1.5 Financial and Technical Ability to Perform

Consultant represents and declares that it is financially solvent, and has the financial resources necessary, and is sufficiently experienced and competent, and has the necessary, facilities, organization, and staff necessary to provide, perform, and complete the Services in full compliance with, and as required by or pursuant to, this Contract.

1.6 Time

Consultant represents and declares that the Contract Time is sufficient time to permit completion of the Services in full compliance with, and as required by or pursuant to, this Contract for the Contract Price.

1.7 Consultant's Personnel and Sub-Consultants

A. Consultant's Personnel. Consultant shall provide all personnel necessary to complete the Services, including without limitation, the "Key Project Personnel" identified in Attachment C. Consultant shall provide to Owner telephone numbers at which the Key Personnel can be reached on a 24-hour basis. Consultant and Owner may, by mutual agreement, make changes and additions to the designations of Key Project Personnel. Consultant shall have no claim for a Change Order, for compensation in excess of the Contract Price, or for a delay or extension of the Contract Time as a result of any such termination, reassignment, resignation, or substitution of Key Project Personnel.

B. Approval and Use of Sub-Consultants. Consultant shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by Owner in writing. All sub-consultants and subcontracts used by Consultant shall be acceptable to, and approved in advance by, Owner. Owner's approval of any sub-consultant or subcontract shall not relieve Consultant of full responsibility and liability for the provision, performance, and completion of the Services in full compliance with, and as required by or pursuant to, this Contract. All Services performed under any subcontract shall be subject to all of the provisions of this Contract in the same manner as if performed by employees of Consultant. Every reference in this Contract to "Consultant" shall be deemed also to refer to all sub-consultants of Consultant. Every subcontract shall include a provision binding the sub-consultant to all provisions of this Contract.

1.8 Owner's Responsibilities

Owner shall, at its sole cost and expense: (i) designate in writing a person with authority to act as Owner's representative and on Owner's behalf with respect to the Services except those matters that may require approval of Owner's Board of Commissioners; (ii) provide to Consultant all criteria and full information as to Owner's requirements for the Project or work to which the Services relate, including Owner's objectives and constraints, schedule, space, capacity and performance requirements, and budgetary limitations relevant to the Project; (iii) provide to Consultant all existing studies, reports, and other available data relevant to the Project; (iv) arrange for access to and make all provisions for Consultant to enter upon public and private property as reasonably required for Consultant to perform the Services; (v) provide surveys describing physical characteristics, legal limitations, and utility locations for the Project and the services of geotechnical engineers or other consultants when such services are reasonably requested by Consultant and are necessary for the performance of the Services, and are not already provided for in this Contract; (vi) provide structural, mechanical, chemical, air and water pollution tests, test for hazardous materials, and other laboratory and environmental tests, inspections, and reports required by law to be provided by Owner in connection with the Project; (vii) review Required Submittals and other reports, documents, data, and information presented by Consultant as appropriate; (viii) except as otherwise provided in Attachment A, provide approvals from all governmental authorities having jurisdiction over the Project when such services are reasonably requested by Consultant; (ix) attend Project related meetings; and (x) give prompt written notice to Consultant whenever Owner observes or otherwise becomes aware of any development that affects the scope or timing of the Services, provided, however, that failure to give such notice shall not relieve Consultant of any of its responsibilities under this Contract.

1.9 Owner's Right to Terminate or Suspend Services for Convenience

A. Termination or Suspension for Convenience. Owner shall have the right, at any time and for its convenience, to terminate the Services by written notice to Consultant. Every such notice shall state the extent and effective date of such termination. On such effective date, Consultant shall stop Services under this Contract, cease all placement of further orders or subcontracts, terminate Services under existing orders and subcontracts, and cancel any outstanding orders or subcontracts that may be canceled.

B. Payment for Completed Services. In the event of any termination pursuant to Subsection 1.9A above, Owner shall pay Consultant (i) such direct costs, including overhead, as Consultant shall have paid or incurred for all Services done in compliance with, and as required by or pursuant to, this Contract up to the effective date of termination; and (ii) such other costs pertaining to the Services, exclusive of overhead and profit, as Consultant may have reasonably and necessarily incurred as the result of such termination. Any such payment shall be offset by any prior payment or payments and shall be subject to Owner's rights, if any, to withhold and deduct as provided in this Contract.

ARTICLE II - CHANGES AND DELAYS

2.1 Changes

Owner shall have the right, by written order executed by Owner and Consultant, to make changes to the timing or scope of the Services to be provided pursuant to this Contract (a "Services Change Order"). When a Change Order causes an increase or decrease in the amount of the Services, an equitable adjustment in the Contract Price or Contract Time may be made. No decrease in the amount of the Services caused by any Change Order shall entitle Consultant to make any claim for damages, anticipated profits, or other compensation. Consultant shall not undertake any change in the Services without receipt of a fully executed Change Order signed by both the Owner and the Consultant.

2.2 Delays

For any delay resulting from a cause that Consultant could not reasonably avoid or control, Consultant, upon timely written application, shall be entitled to issuance of a Change Order providing for an extension of the Contract Time for a period of time equal to the delay resulting from such unavoidable cause. No extension of the Contract Time shall be allowed for any other delay in completion of the Services.

2.3 No Constructive Change Orders

No claims for equitable adjustments in the Contract Price or Contract Time shall be made or allowed unless embodied in a Change Order. If Owner fails to issue a Change Order including or fully including an equitable adjustment in the Contract Price or Contract Time to which Consultant claims it is entitled or, if Consultant believes that any requirement, direction, instruction, interpretation, determination or decision of Owner entitles Consultant to an equitable adjustment in the Contract Price or Contract Time that has not been included or fully included in a Change Order, then Consultant shall submit to Owner a written request for the issuance of or revision of a Change Order including the equitable adjustment or the additional equitable adjustment in the Contract Price or Contract Time that Consultant claims has not been included or fully included in a Change Order. Such request shall be submitted before Consultant proceeds with any Work for which Consultant claims an equitable adjustment is due and shall, in all events, be submitted no later than two (2) business days after receipt of such Change Order or receipt of notice of such requirement, direction instruction, interpretation, determination or decision. Notwithstanding the submission of any such request, Consultant shall, unless otherwise directed by Owner within two (2) business days after receipt by Owner of such request, proceed without delay to perform the Work in compliance with the Change Order or as required, directed, instructed, interpreted or decided by Owner, and shall, pending a final resolution of the issue, keep a daily record of such Work. Unless Consultant submits such a request within two (2) business days after receipt of such Change Order or receipt of notice of such requirement, direction, instruction, interpretation, determination or decision, Consultant shall be conclusively deemed (i) to have agreed that such Change Order, requirement, direction, instruction, interpretation, determination or decision does not entitle Consultant to an equitable adjustment in the Contract Price or Contract Time; and (ii) to have waived all claims based on such Change Order, requirement; direction, instruction, interpretation, determination or decision.

ARTICLE III - CONSULTANT'S RESPONSIBILITY FOR DEFECTIVE SERVICES

3.1 Representation of Compliance

A. Scope of Representation. Consultant shall perform all Services in conformance with this Contract, free from defects and flaws in design, and in accordance with the Standard of Performance (the "Representation of Compliance").

B. Opinions of Cost. It is recognized that neither Consultant nor Owner has control over the costs of labor, material, equipment or services furnished by others or over competitive bidding, market or negotiating conditions, or construction contractors' methods of determining their prices. Accordingly, any opinions of probable Project costs or construction costs provided for herein are estimates only, made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as an experienced and qualified professional, familiar with the industry. Consultant does not guarantee that proposals, bids or actual Project costs or construction costs will not vary from opinions of probable cost prepared by Consultant.

3.2 Corrections

Consultant shall be responsible for the quality, technical accuracy, completeness and coordination of all Services under this Contract. Consultant shall correct and remedy all of its errors, omissions, and negligent acts related to the Services, promptly and without charge.

3.3 Risk of Loss

The Services shall be provided, performed, and completed at the risk and cost of Consultant. To the extent allowable by State of Illinois law, Consultant shall be responsible for any and all damages to property or persons as a result of Consultant's errors, omissions, or negligent acts and for any losses or costs to repair or remedy any work undertaken by Owner based on the Services as a result of any such errors, omissions, or negligent acts. Notwithstanding any other provision of this Contract, Consultant's obligations under this Section 3.3 shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of Owner or Consultant, to indemnify, hold harmless, or reimburse Consultant for such damages, losses, or costs.

ARTICLE IV - INSURANCE; INDEMNIFICATION

4.1 Insurance

For the term of this Agreement, Contractor agrees to maintain the following types of insurance:

1. Comprehensive general liability insurance coverage for bodily injury liability, including death, property damage liability, for all its employees acting within the scope of their appointments, for any of its enrolled students while acting in the scope of an approved unpaid clinical program for which academic credit or the equivalent may be awarded. This "occurrence" basis coverage for paid employees and unpaid student interns is provided through the Southern Illinois University Self-Insurance Program, and is limited to \$1,000,000 per occurrence, with a \$3,000,000 aggregate coverage;

2. Automobile liability insurance coverage for bodily injury, including death and property damage, incurred in connection with the performance of this Agreement for motor vehicles owned, licensed, hired, and non-owned by Subgrantee with minimum limits of \$1,000,000 in respects of claims arising out of personal injury, or sickness, or death in any one accident or disaster, and \$500,000 in respect of any claims arising out of property damage in any once accident or disaster.
3. Workers compensation insurance or self-insurance for all employees of Subgrantee engaged in performing work or services under this Agreement, as required by law. Employer liability for damages arising out of bodily injury, by accident or disease, including death at any time resulting there from, sustained by employees of Subgrantee while engaged in performing work or services under this Agreement in an amount of no less than \$500,000.
4. Contractor agrees to furnish Certificates of Insurance ("COI") providing evidence of these coverages to Owner.

4.2 Indemnification

To the extent permitted by Illinois law and not inconsistent with the doctrine of sovereign immunity, Contractor shall indemnify and hold harmless Owner for any claims, demands, costs and expenses, including reasonable attorney's fees, arising out of negligent actions by Contractor, its officers, employees and agents in the performance of obligations under this Agreement; provided that said claims, demands, costs and expenses have not been caused or alleged to have been caused in whole or in part by the negligence or willful misconduct of Owner. The parties agree that all claims against Contractor arising from this Agreement or the services provided thereunder are subject to the Illinois Court of Claims Act, 705 ILCS 505 *et seq.*

ARTICLE V - PAYMENT

5.1 Contract Price

Owner shall pay to Consultant, in accordance with and subject to the terms and conditions set forth in this Article V and Attachment A, and Consultant shall accept in full satisfaction for providing, performing, and completing the Services, the amount or amounts set forth in Attachment A ("Contract Price"), subject to any additions, deductions, or withholdings provided for in this Contract.

5.2 Taxes, Benefits and Royalties

The Contract Price includes applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or other similar benefits and all costs, royalties, and fees arising from the use on or the incorporation into the Services of patented equipment, materials, supplies, tools, appliances, devices, processes, or inventions. Consultant waives and releases any claim against Owner arising from the payment of any such tax, contribution, premium, benefit, cost, royalty, or fee.

5.3 Progress Payments

A. Payment in Installments. The Contract Price shall be paid in installments in the manner set forth in Attachment A ("Progress Payments").

B. Pay Requests. Consultant shall, as a condition precedent to its right to receive each Progress Payment, submit to Owner an invoice accompanied by such receipts, vouchers, and other documents as may be necessary to reasonably establish Consultant's prior payment for all labor, material, and other things covered by the invoice and the absence of any lien or other interest of any party in regard to the Services performed under this Contract. In addition to the foregoing, such invoice shall include (i) employee classifications, rates per hour, and hours worked by each classification, and, if the Services are to be performed in separate phases, for each phase; (ii) total amount billed in the current period and total amount billed to date, and, if the Services are to be performed in separate phases, for each phase; (iii) the estimated percent completion, and, if the Services are to be performed in separate phases, for each phase; and (iv) Consultant's certification that all prior Progress Payments have been properly applied to the Services with respect to which they were paid. Owner may, by written notice to Consultant, designate a specific day of each month on or before which pay requests must be submitted.

5.4 Final Acceptance and Final Payment

The Services or, if the Services are to be performed in separate phases, each phase of the Services, shall be considered complete on the date of final written acceptance by Owner of the Services or each phase of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed. The Services or each phase of the Services, as the case may be, shall be deemed accepted by Owner if not objected to in writing within sixty (60) days after submission by Consultant of the Services or such phase of Services for final acceptance and payment plus, if applicable, such additional time as may be considered reasonable for obtaining approval of governmental authorities having jurisdiction to approve the Services, or phase of Services, as the case may be. Within thirty (30) days after final acceptance, Owner shall pay to Consultant the balance of the Contract Price or, if the Services are to be performed in separate phases, the balance of that portion of the Contract Price with respect to such phase of the Services, after deducting therefrom charges, if any, against Consultant as provided for in this Contract ("Final Payment"). The acceptance by Consultant of Final Payment with respect to the Services or a particular phase of Services, as the case may be, shall operate as a full and complete release of Owner of and from any and all lawsuits, claims, or demands for further payment of any kind for the Services or, if the Services are performed in separate phases, for that phase of the Services.

5.5 Deductions

A. Owner's Right to Withhold. Notwithstanding any other provision of this Contract and without prejudice to any of Owner's other rights or remedies, Owner shall have the right at any time or times, whether before or after approval of any pay request, to deduct and withhold from any Progress or Final Payment that may be or become due under this Contract, such amount as may reasonably appear necessary to compensate Owner for any actual or prospective loss due to: (i) Services that are defective, damaged, flawed, unsuitable, nonconforming or incomplete; (ii) damage for which Consultant is liable under this contract; (iii) liens or claims of lien, regardless of merit; (iv) claims of Sub-consultants, suppliers or other persons, regardless of merit; (v) delay in the progress or completion of the Services; (vi) inability of Consultant to complete the Services; (vii) failure of Consultant to perform any of its obligations under this Contract; (viii) any other failure of Consultant to perform any of its obligations under this Contract; (ix) the cost to Owner including attorneys' fees and administrative costs of correcting any of the aforesaid matters or exercising any one or more of Owner's remedies set forth in Section 6.1 of this Contract.

B. Use of Withheld Funds. Owner shall be entitled to retain any and all amounts withheld pursuant to Subsection 5.5A above until Consultant shall have either performed the obligations in question or furnished security for such performance satisfactory to Owner. Owner shall be entitled to apply any money withheld or any other money due Consultant under this Contract to reimburse itself for any and all costs, expenses, losses, damages, liabilities, suits, judgments, awards, attorneys' fees and administrative expenses incurred, suffered or sustained by Owner and chargeable to Consultant under this Contract.

5.6 Accounting

Consultant shall keep accounts, books, and other records of all its billable charges and costs incurred in performing the Services in accordance with generally accepted accounting practices, consistently applied, and in such manner as to permit verification of all entries. Consultant shall make all such material available for inspection by Owner, at the office of Consultant during normal business hours during this Contract and for a period of three years after termination of this Contract. Copies of such material shall be furnished, at Owner's expense, upon request.

ARTICLE VI - REMEDIES

6.1 Owner's Remedies

If it should appear at any time prior to Final Payment that Consultant has failed or refused to prosecute, or has delayed in the prosecution of the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this contract, or has attempted to assign this Contract or Consultant's rights under this contract, either in whole or in part, or has falsely made any representation or warranty in this Contract, or has otherwise failed, refused or delayed to perform or satisfy any other requirement of this Contract, or has failed to pay its debts as they come due ("Event of Default"), and has failed to cure any such Event of Default within five (5) business days after Consultant's receipt of written notice of such Event of Default, Owner shall have the right, at its election and without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

- A. Owner may require Consultant, within such reasonable time as may be fixed by Owner, to complete or correct all or any part of the Services that are defective, damaged, flawed, unsuitable, nonconforming or incomplete to accelerate all or any part of the Services, and to take any or all other action necessary to bring Consultant and the Services into strict compliance with this Contract.
- B. Owner may accept the defective, damaged, flawed, unsuitable, nonconforming, incomplete or dilatory Services as part thereof and make an equitable reduction in the Contract Price.
- C. Owner may terminate this Contract without liability for further payment of amounts due or to become due under this Contract.
- D. Owner may withhold from any Progress Payment or Final Payment, whether or not previously approved, or may recover from Consultant any and all costs including attorneys' fees and administrative expenses incurred by Owner as the result of any Event of Default or as a result of actions taken by Owner in response to any Event of Default.
- E. Owner may recover any damages suffered by Owner.

6.2 Terminations and Suspensions by Owner Deemed for Convenience

Any termination or suspension by Owner of Consultant's rights under this Contract for an alleged Event of Default that is ultimately held unjustified shall automatically be deemed to be a termination or suspension for the convenience of Owner under Section 1.9 of this Contract.

ARTICLE VII - LEGAL RELATIONSHIPS AND REQUIREMENTS

7.1 Binding Effect

This Contract shall be binding on Owner and Consultant and on their respective heirs, executors, administrators, personal representatives, and permitted successors and assigns. Every reference in this Contract to a party shall also be deemed to be a reference to the authorized officers, employees, agents, and representatives of such party.

7.2 Relationship of the Parties

Consultant shall act as an independent contractor in providing and performing the Services. Nothing in, nor done pursuant to, this Contract shall be construed (i) to create the relationship of principal and agent, partners, or joint ventures between Owner and Consultant or (ii) to create any relationship between Owner and any sub-consultant of Consultant.

7.3 No Collusion

Consultant hereby represents and certifies that Consultant is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless Consultant is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax, as set forth in 65 ILCS 5/11-42.1-1; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. Consultant hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Consultant has, in procuring this Contract, colluded with any other person, firm, or corporation, then Consultant shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

Consultant hereby represents and warrants that neither Consultant nor any person affiliated with Consultant or that has an economic interest in Consultant or that has or will have an interest in the Work or will participate, in any manner whatsoever, in the Work is acting, directly or indirectly, for or on behalf of any person, group, entity or nation named by the United States Treasury Department as a Specially Designated National and Blocked Person, or for or on behalf of any person, group, entity or nation designated in Presidential Executive Order 13224 as a person who commits, threatens to commit, or supports terrorism, and neither Consultant nor any person affiliated with Consultant or that has an economic interest in Consultant or that has or will have an interest in the Work or will participate, in any manner whatsoever, in the Work is, directly or indirectly, engaged in, or facilitating, the Work on behalf of any such person, group, entity or nation.

7.4 Assignment

Consultant shall not (i) assign this Contract in whole or in part, (ii) assign any of Consultant's rights or obligations under this Contract, or (iii) assign any payment due or to become due under this Contract without the prior express written approval of Owner, which approval may be withheld in the sole and unfettered discretion of Owner; provided, however, that Owner's prior written approval shall not be required for assignments of accounts, as defined in the Illinois Commercial Code, if to do so would violate Section 9-318 of the Illinois Commercial Code, 810 ILCS 5/9-318. Owner may assign this

Contract, in whole or in part, or any or all of its rights or obligations under this Contract, without the consent of Consultant.

7.5 Confidential Information

To the extent permitted by applicable law, all information supplied by Owner to Consultant for or in connection with this Contract or the Services shall be held confidential by Consultant and shall not, without the prior express written consent of Owner, be used for any purpose other than performance of the Services. Owner acknowledges and understands that Contractor is a state entity subject to Illinois law, including without limitation the Illinois Freedom of Information Act. Owner acknowledges and understands that information (data) obtained by the Contractor will be used to develop a thesis, and will eventually be used to pursue publication in peer-reviewed scientific journals.

7.6 No Waiver

No examination, inspection, investigation, test, measurement, review, determination, decision, certificate or approval by Owner, nor any order by Owner for the payment of money, nor any payment for or use, occupancy, possession or acceptance of the whole or any part of the Services by Owner, nor any extension of time granted by Owner, nor any delay by Owner in exercising any right under this Contract, nor any other act or omission of Owner shall constitute or be deemed to be an acceptance of any defective, damaged, flawed, unsuitable, nonconforming or incomplete Services, nor operate to waive or otherwise diminish the effect of any warranty or representation made by Consultant or of any requirement or provision of this Contract or of any remedy, power or right of Owner.

7.7 No Third Party Beneficiaries

No claim as a third party beneficiary under this Contract by any person, firm, or corporation (other than Owner and Consultant) shall be made or be valid against Owner or Consultant.

7.8 Notices

All notices required or permitted to be given under this Contract shall be in writing and shall be deemed received by the addressee thereof when delivered in person on a business day at the address set forth below or on the third business day after being deposited in the United States mail, for delivery at the address set forth below by properly addressed, postage prepaid, certified or registered mail, return receipt requested.

Notices and communications to Owner shall be addressed to, and delivered at, the following address:

NAME: Lake County Forest Preserve District
ADDRESS: 1899 West Winchester Road
CITY STATE: Libertyville, Illinois 60048
Attention: Andrew Rutter, Wildlife Biologist

Notices and communications to Consultant related to technical matters shall be addressed to and delivered at the following address:

NAME: Cooperative Wildlife Research Laboratory
Southern Illinois University Carbondale
ADDRESS: 251 Life Science II
CITY STATE: Carbondale, Illinois 62901-5504
Attention: Dr. Clayton K. Nielsen, Associate Professor

Notices and communications to Consultant related to business or contractual matters shall be addressed to and delivered at the following address:

NAME: Office of Sponsored Projects Administration
Southern Illinois University Carbondale
ADDRESS: 900 S Normal, MC 4709
CITY STATE: Carbondale, Illinois 62901-5504
Attention: Sonjie Schwartz, Interim Director

The foregoing shall not be deemed to preclude the use of other non-oral means of notification or to invalidate any notice properly given by any such other non-oral means.

By notice complying with the requirements of this Section 7.8, Owner and Consultant each shall have the right to change the address or addressee or both for all future notices to it, but no notice of a change of address or addressee shall be effective until actually received.

7.9 Governing Laws

This Contract and the rights of Owner and Consultant under this Contract shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois.

7.10 Changes in Laws

Unless otherwise explicitly provided in this Contract, any reference to laws shall include such laws as they may be amended or modified from time to time.

7.11 Compliance with Laws and Grants

Consultant shall perform, or cause its Sub-consultants to perform, the Services in accordance with all required governmental permits, licenses, or other approvals and authorizations, and with applicable statutes, ordinances, rules, and regulations. This requirement includes, but is not limited to, compliance with the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Consultant shall also comply with applicable conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Contract or the Services.

Consultant shall be liable for any fines or civil penalties that may be imposed or incurred by a governmental agency with jurisdiction over the Services as a result of Consultant's or its sub-consultants' improper performance of, or failure to properly perform, the Services or any part thereof.

Every provision of law required by law to be inserted into this Contract shall be deemed to be inserted herein.

7.12 Ownership of Documents

Consultant and Consultant's sub-consultants shall be deemed the original authors and owners respectively of materials produced pursuant to this Contract and shall retain all common law, statutory and other reserved rights, including copyrights. Consultant hereby grants and conveys to Owner perpetual, irrevocable non-exclusive rights and license to use all Required Submittals and other materials produced under this Contract for District purposes and no other purposes.

The Owner agrees to defend and hold the Consultant and the Consultant's sub-consultants harmless from any causes of action, claims, losses, damages and expenses of any nature whatsoever, including reasonable attorney's fees, resulting from any unauthorized re-use of the Consultant's and Consultant's sub-consultants' materials.

7.13 Time

The Contract Time is of the essence of this Contract. Except where otherwise stated, references in this Contract to days shall be construed to refer to calendar days.

7.14 Severability

The provisions of this Contract shall be interpreted when possible to sustain their legality and enforceability as a whole. In the event any provision of this Contract shall be held invalid, illegal, or unenforceable by a court of competent jurisdiction, in whole or in part, neither the validity of the remaining part of such provision, nor the validity of any other provisions of this Contract shall be in any way affected thereby.

7.15 Entire Agreement

This Contract sets forth the entire agreement of Owner and Consultant with respect to the accomplishment of the Services and the payment of the Contract Price therefore, and there are no other understandings or agreements, oral or written, between Owner and Consultant with respect to the Services and the compensation therefore.

7.16 Amendments

No modification, addition, deletion, revision, alteration, or other change to this Contract shall be effective unless and until such change is reduced to writing and executed and delivered by Owner and Consultant.

IN WITNESS WHEREOF, Owner and Consultant have caused this Contract to be executed as of the day and year first written above.

(SEAL)

Attest/Witness

LAKE COUNTY FOREST PRESERVE DISTRICT

By: _____

Julie Gragnani

Alex Ty Kovach

Title: Secretary

Title: Executive Director

Attest/Witness

SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

By: _____

Title

Title: Sonjie Schwartz,
Interim Director, Office of Sponsored
Projects Administration for Carlo
Montemagno, Chancellor, Southern Illinois
University Carbondale

ATTACHMENT A - SUPPLEMENTAL SCHEDULE OF CONTRACT TERMS

1. Project:

Provide an MS candidate to collect and analyze semi-aquatic mammal sign survey data over a 2-year period with field surveys to be conducted during two field seasons spanning December 2018-April 2019 & December 2019-April 2020. Included in this work are all indirect and overhead costs such as mileage reimbursements, benefits and administrative costs.

The Services include, but are not limited to, all of the Services provided in Consultant's detailed Scope of Work. See Attachment B.

2. Approvals and Authorizations:

Consultant shall obtain the following approvals and authorizations from the following governmental bodies on or before the following dates:

<u>Approval/Authorization</u>	<u>Date</u>
Illinois Nature Preserve Commission	June 1, 2018

3. Commencement Date:

June 1, 2018

4. Completion Date:

December 31, 2020

2018

June – August:

Recruit MS candidate

December:

Conduct field work

2019

January – April:

Conduct field work

May – September:

Compile and analyze data

Submit annual progress report to District Project Manager

December:

Conduct field work

2020

January – April:

Conduct field work

May – December:

Compile and analyze data

Submit final report to District Project Manager

6. Contract Price:

A. Schedule of Prices - Hourly/Not to Exceed:

For providing, performing, and completing all Services, Consultant shall be compensated for all services rendered by principals and employees directly on the Project at the following hourly rates for the following positions:

POSITION	YEAR 1	YEAR 2
MS Student	\$19,254.00	\$19,832.00

Owner shall also reimburse Consultant for the following (and no other) reimbursable costs and expenses in the following amounts, which shall be reimbursed at the actual out of pocket cost to Consultant:

REIMBURSABLES	YEAR 1	YEAR 2
Overhead- 10%, Not to Exceed	\$2,000.00	\$2,000.00
Travel & Transportation Expenses	\$4000.00	\$4000.00
LCFPD Housing	\$600.00	\$600.00

Notwithstanding the foregoing, the total portion of the Contract Price based on Consultant's hourly rates of principals and employees shall not exceed \$ 39,086.00 and the total portion of the Contract Price based on reimbursable expenses shall not exceed \$ 13,200.00.

7. Payments:

Regardless of whether the Contract Price is based upon hourly rates or a lump sum, Consultant shall, not later than ten (10) days after execution of the Contract and before submitting its first pay request, submit to Owner a schedule showing the value of each component part or phase of the Services in form and with substantiating data acceptable to Owner ("Breakdown Schedule"). The sum of the items listed in the Breakdown Schedule shall equal the lump sum Contract Price or the not to exceed Contract Price, as the case may be. An unbalanced Breakdown Schedule providing for overpayment of Consultant on component parts or phases of the Services to be performed first will not be accepted.

The Breakdown Schedule shall be revised and resubmitted until acceptable to Owner. No payment shall be made for Services until Consultant has submitted, and Owner has approved, an acceptable Breakdown Schedule. When a component or phase of the Services, as identified in the Breakdown Schedule, is complete, Owner will pay Consultant the value of such component or phase as provided in the Breakdown Schedule; however, Owner shall not be required to make payments more frequently than once per month.

All pay requests from Consultant shall be made using the pay request format supplied by Owner.

Owner may require that the approved Breakdown Schedule be revised based on developments occurring during the provision and performance of the Services. If Consultant fails to submit a revised Breakdown Schedule that is acceptable to Owner, Owner shall have the right either to suspend Progress and Final Payments for Services or to make such payments based on Owner's determination of the value of the Services completed.

ATTACHMENT B - CONSULTANT'S SCOPE OF WORK

1. Project Description:

Provide appropriate wildlife field data collection over the course of a 6-month assessment period (November through April) during each year of the contract term. Consultant will also analyze current and historic wildlife and habitat management data to provide recommendations for future monitoring and habitat management efforts. The work area is located throughout Lake County.

2. Consultant's Responsibility:

- A. Meet with Owner's staff to initiate project, review existing wildlife and habitat management data, discuss design intent and attend any other meetings as necessary to gather and/or present information.
- B. Collect wildlife monitoring program data on semi-aquatic mammals according to the District's Standard Operating Procedures Manual (v2015) under the direction of the Owner's Project Manager.
- C. Provide an MS student to analyze wildlife monitoring program and habitat management data with the specific objectives of providing recommendations to:
 - 1) maximize the utility and efficiency of the District's Wildlife Monitoring Program building off of pilot survey work conducted by District wildlife biologists; and
 - 2) analyze the distribution of semi-aquatic mammals on District lands and how it relates to stream quality and other water-related metrics, prey (for carnivores), vegetative forage (for herbivores), anthropogenic influence, and land cover to identify factors affecting wetland/riparian health and inform habitat management practices
 - 3) best utilize habitat management practices (burning, clearing, etc.) to maximize biological diversity and/or the conservation rare, threatened and endangered wildlife resources; and
 - 4) set restoration goals and targets and evaluate attainment of said goals.
- D. Provide Owner with a monthly invoice detailing hours, vehicle rental and overhead costs.
- E. Provide Owner's Project Manager with annual and final reports detailing progress made towards project objectives listed above.

3. Owner's Responsibility:

Throughout the progress of the Work, as described in this Contract, Owner shall:

- A. Notify Consultant in writing to proceed with the Work described herein and designate in writing a person to act as Owner's representative with respect to the Services to be rendered under this Contract.
- B. Arrange for access to and make provisions for Consultant to enter upon the site as required to perform the Work.
- C. Assist Consultant by placing at its disposal all available information concerning existing site conditions possessed by Owner including reports, records, drawings, maps or other pertinent information which may be useful to Consultant in the preparation of the Work
- D. Assist Consultant by furnishing all necessary equipment and protocols necessary for Consultant in the preparation and completion of the Work
- E. Assist Consultant by placing at its disposal all available wildlife and habitat management data and information possessed by Owner including reports, records, drawings, maps or other pertinent information which may be useful to Consultant in the preparation of the Work
- F. Pay any and all permit and approval fees that may be required.
- G. Meet with Consultant on a timely basis to advise and review work progress.
- H. Provide prompt feedback to questions and concerns raised by Consultant, to help ensure the timely performance of Services and completion of the Project hereunder by Consultant.

ATTACHMENT C - KEY PERSONNEL

1. Key Project Personnel – Owner

NAMES	TELEPHONE NUMBERS
Andrew Rutter, Wildlife Biologist	847-968-3283
Debbie Maurer, Natural Resource Manager	847-968-3285
Jim Anderson, Director of Natural Resources	847-968-3282

2. Key Project Personnel – Consultant

NAMES	TELEPHONE NUMBERS
Dr. Clayton K. Nielsen	618-453-6930