

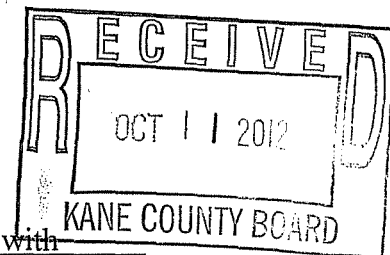
County of Kane  
Office of County Board  
Kane County Government Center

Karen McConnaughay  
Chairman  
630-232-5930



719 Batavia Avenue  
Geneva, Illinois 60134  
Fax 630-232-9188

**DOCUMENT VET SHEET**  
for  
**Karen McConnaughay**  
**Chairman, Kane County Board**



Name of Document: Approving a Phase II Engineering Services Agreement with  
Applied Research Associates, Inc. for Pavement Management  
Services, Kane Co. Sec #12-00401-01-EG

Submitted by: Linda Haines

Date Submitted: September 10, 2012

Examined by: Pat Jaeger  
(Print name)

[Signature]  
(Signature)

September 24, 2012  
(Date)

Post on Web: Yes  No  Atty. Initials [Signature]

Comments: (3) SA's → Needs County Clerk

Chairman signed:  Yes  No October 16, 2012  
(Date)

Document returned to: \_\_\_\_\_

**AN AGREEMENT BETWEEN THE COUNTY OF KANE AND  
APPLIED RESEARCH ASSOCIATES, INC.  
FOR PAVEMENT MANAGEMENT SERVICES  
KANE COUNTY SECTION NO. 12-00401-01-EG**

**PURCHASE ORDER # \_\_\_\_\_**

This AGREEMENT, made this 9th day of October 2012 between COUNTY OF KANE, a body corporate and politic of the State of Illinois (hereinafter referred to as the "COUNTY"), of 719 South Batavia Avenue, Geneva, Illinois 60134 and APPLIED RESEARCH ASSOCIATES., a New Mexico corporation authorized to do business in the State of Illinois with an operating office at 100 Trade Center Drive, Suite 200, Champaign, Illinois 61820 (hereinafter referred to as the "CONSULTANT"). The COUNTY and the CONSULTANT are sometimes hereinafter collectively referred to as the "PARTIES" and individually as a "PARTY".

WITNESSETH

WHEREAS, it is deemed to be in the best interest of the COUNTY and the motoring public to improve and maintain the various highways throughout Kane County; and,

WHEREAS, the COUNTY desires to continue with a comprehensive pavement management system on COUNTY Highways, utilizing electronic data collection and software condition assessment data (hereinafter referred to as the "PROJECT"); and,

WHEREAS, in order to accomplish the PROJECT it is necessary to retain the services of a professional engineering firm to prepare pavement management services for the PROJECT; and,

WHEREAS, the CONSULTANT has experience and professional expertise in all aspects of pavement management services and is willing to perform said services for the PROJECT for a fixed amount of One Hundred Forty Three Thousand Two Hundred and 00/100 Dollars (\$143,200.00); and,

WHEREAS, the COUNTY has determined that it is in the COUNTY'S best interest to enter into this AGREEMENT with the CONSULTANT.

NOW, THEREFORE, in consideration of the above stated preambles, the mutual covenants and agreements herein set forth, the PARTIES do hereby mutually covenant, promise, agree and bind themselves as follows:

1.0 INCORPORATION

- 1.1 All of the preambles set forth hereinabove are incorporated into and made part of this AGREEMENT.

2.0 SCOPE OF SERVICES

2.1 Services for the PROJECT are to be provided by the CONSULTANT according to the specifications set forth in Exhibit "A" which is attached hereto and incorporated herein. The services are sometimes hereinafter also referred to as the "work".

3.0 NOTICE TO PROCEED

3.1 Authorization to proceed with the work described and as otherwise set forth in Exhibit "A" shall be given on behalf of the COUNTY by the Kane County Engineer, in the form of a written notice to proceed (hereinafter "Notice to Proceed"), following execution of this AGREEMENT by the County Board Chairman of the COUNTY.

4.0 TECHNICAL SUB-CONSULTANTS

4.1 The prior written approval of the Kane County Engineer shall be required before any sub-consultants are hired by the CONSULTANT to perform any of the work.

4.2 Any such sub-consultants shall be hired and supervised by the CONSULTANT and the CONSULTANT shall be solely responsible for any and all work performed by said sub-consultants in the same manner and with the same liability as if performed by the CONSULTANT.

5.0 TIME FOR PERFORMANCE

5.1 The CONSULTANT shall commence work on the PROJECT as directed in the Notice to Proceed. The COUNTY is not liable and will not pay the CONSULTANT for any work performed prior to the date of the Notice to Proceed or after termination of this AGREEMENT.

5.2 Within ten (10) days after the Notice to Proceed is mailed or otherwise transmitted to the CONSULTANT, the CONSULTANT shall submit a schedule for completion of the PROJECT. The schedule is subject to approval by the Kane County Engineer.

6.0 COMPENSATION

6.1 The COUNTY shall only pay the CONSULTANT for work performed and shall pay only in accordance with the provisions of this AGREEMENT.

6.2 For work performed, the COUNTY shall pay the CONSULTANT based upon the price set forth in Exhibit "B", which is attached hereto and incorporated herein and which includes overhead and profit.

- 6.3 Within 45 days of receipt, review and approval of properly documented invoices, the COUNTY shall pay or cause to be paid to the CONSULTANT partial payments of the compensation specified in this AGREEMENT. Payment will be made in the amount of sums earned less previous partial payments. However, the COUNTY reserves the right to hold back a sum equal to five percent (5%) of the tasks “T6 – Project Results Memorandum” and “T7 – System Delivery and Training Refresh” to ensure performance satisfactory to the Kane County Engineer.
- 6.4 All invoices shall be submitted on the most current Illinois Department of Transportation Bureau of Design and Environment invoicing form, appropriate for the PROJECT.
- 6.5 The CONSULTANT agrees to receive all payment for work performed under this AGREEMENT via the COUNTY’s automatic clearing house program.
- 6.6 All invoicing will be based upon calendar months solely.
- 6.7 Total payments to the CONSULTANT under the terms of this AGREEMENT shall not exceed One Hundred Forty Three Thousand Two Hundred and 00/100 Dollars (\$143,200.00).

7.0 DELIVERABLES.

- 7.1 The CONSULTANT shall provide the COUNTY, prior to the termination of this AGREEMENT, or at such time as the Kane County Engineer directs, any required deliverables related to work performed under this AGREEMENT.
- 7.2 Upon receipt, review and acceptance of all deliverables by the COUNTY (if required), final payment will be made to the CONSULTANT by the COUNTY.

8.0 CONSULTANT'S INSURANCE

- 8.1 The CONSULTANT shall, during the term of this AGREEMENT and as may be required thereafter, maintain, at its sole expense, insurance coverage including:
  - A. Worker's Compensation Insurance in the statutory amounts.
  - B. Employer's Liability Insurance in an amount not less than Five Hundred Thousand Dollars (\$500,000) each accident/injury and Five Hundred Thousand Dollars (\$500,000) each employee/disease.

- C. Commercial General Liability Insurance, (including contractual liability) with limits of not less than One Million Dollars (\$1,000,000) per occurrence bodily injury/property damage combined single limit; Two Million Dollars (\$2,000,000) excess liability coverage in the aggregate for injury/property damage combined single limit and Two Million Dollars (\$2,000,000) in the aggregate for products-completed operations.
- D. Commercial Automobile Liability Insurance with minimum limits of at least One Million Dollars (\$1,000,000) for any one person and One Million Dollars (\$1,000,000) for any one occurrence of bodily injury or property damage.
- E. Professional Errors and Omissions Insurance with a minimum limit of 2 Million Dollars (\$2,000,000.00).

8.2 It shall be the duty of the CONSULTANT to provide to the COUNTY copies of the CONSULTANT'S certificates of insurance before issuance of the Notice to Proceed. The certificates of insurance shall include the Kane County PROJECT. The PROJECT is noted in the third paragraph on page 1 of this agreement. In addition the certificates of insurance shall include the Kane County Section Number. The section number is found in the title of this agreement on page 1. The CONSULTANT shall provide the COUNTY and maintain a certificate of insurance for its General Liability Policy which certificate shall include the COUNTY as additional named insured. The additional named insured endorsement included on the CONSULTANT'S Commercial General Liability policy shall provide the following:

- A. That the coverage afforded the additional named insured will be primary insurance for the additional named insured with respect to claims arising out of operations performed by or on behalf of the CONSULTANT;
- B. That if the additional named insured has other insurance which is applicable to the loss, such other insurance will be only on an excess or contingent basis;
- C. That the amount of the CONSULTANT'S liability under the insurance policy will not be reduced by the existence of such other insurance; and,
- D. That the certificate of insurance shall contain a provision or endorsement that the coverage afforded will not expire, be canceled, materially changed, nor renewal refused until at least thirty (30) days prior written notice has been given to COUNTY.

8.3 The insurance required to be purchased and maintained by CONSULTANT shall be provided by an insurance company acceptable to the COUNTY with an AM Best rating of A- or better, and licensed to do business in the State of Illinois; and shall include at least the specified coverage and be written for not less than the limits of the liability specified herein or required by law or regulation whichever is greater. In no event shall any failure of the COUNTY to receive policies or certificates of insurance or to demand receipt of the same be construed as a waiver of the CONSULTANT'S obligation to obtain and keep in force the required insurance.

## 9.0 INDEMNIFICATION.

9.1 To the fullest extent permitted by law, the CONSULTANT shall indemnify and hold harmless the COUNTY, and its officials, directors, officers, agents, and employees from and against any and all claims, damages, losses, and expenses, including but not limited to court costs and attorney's fees, arising out of or resulting from performance of the work, provided that such claim, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of property, including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the CONSULTANT, a sub-consultant, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, excluding any proportionate amount of any claim, damage, loss or expense which is caused by the negligence of the COUNTY. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity, which would otherwise exist as to a PARTY or person described in this paragraph. In claims against the COUNTY and its officials, directors, officers, agents, and employees by an employee of the CONSULTANT, a sub-consultant, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph shall not be limited by a limitation on the amount or type of damages, compensation or benefits payable by or for the CONSULTANT or a sub-consultant under workmen's compensation acts, disability benefit acts or other employee benefit acts.

9.2 Nothing contained herein shall be construed as prohibiting the COUNTY, its officials, directors, officers, agents, and employees, from defending through the selection and use of their own agents, attorneys and experts, to defend any claims, actions or suits brought against them.

9.3 If any errors, omissions, intentional or negligent acts are made by the CONSULTANT or sub-consultant in any phase of the work, the correction of which requires additional field or office work, the CONSULTANT shall be required to perform such additional work as may be necessary to remedy same without undue delay and without charge to the COUNTY.

9.4 Acceptance of the work by the COUNTY will not relieve the CONSULTANT of the responsibility for the quality of the work, nor of the CONSULTANT'S liability for loss or damage to property or persons resulting therefrom.

10.0 SATISFACTORY PERFORMANCE.

10.1 The CONSULTANT'S and sub-consultant's standard of performance under the terms of this AGREEMENT shall be that which is to the satisfaction of the COUNTY and meets or exceeds the quality and standards commonly accepted in the industry in the Chicago metropolitan area.

11.0 CONFLICT OF INTEREST.

11.1 The CONSULTANT covenants that it has no conflicting public or private interest and shall not acquire directly or indirectly any such interest which would conflict in any manner with the performance of CONSULTANT'S services under this AGREEMENT.

11.2 The CONSULTANT, by its signature on this AGREEMENT, certifies that it has not been barred from being awarded a contract or subcontract under the Illinois Purchasing Act; and further certifies that it has not been barred from contracting with a unit of State or Local government as a result of a violation of Section 33E-3 or 33E-4 of the Illinois Criminal Code (Illinois Compiled Statutes, 1992, Chapter 720, paragraph 5/33E-3).

12.0 OWNERSHIP OF DOCUMENTS.

12.1 The CONSULTANT agrees that all survey data, reports, drafting, studies, specifications, estimates, maps, documents and computations prepared by the CONSULTANT under the terms of this AGREEMENT shall be properly arranged, indexed and delivered to the COUNTY within ninety (90) days of written request therefor. The CONSULTANT's obligation hereunder shall survive the termination of this AGREEMENT.

12.2 The documents and materials made or maintained under this AGREEMENT shall be and will remain the property of the COUNTY which shall have the right to use same without restriction or limitation and without compensation to the CONSULTANT other than as provided in this AGREEMENT.

13.0 COMPLIANCE WITH STATE AND OTHER LAWS – PREVAILING WAGE ACT.

13.1 The CONSULTANT and any sub-consultants will comply with all State, Federal and Local statutes, ordinances and regulations; and will obtain all permits as are applicable.

13.2 The CONSULTANT and any sub-consultants shall not discriminate against any worker, job applicant, employee or any member of the public, because of race, creed, color, sex, age, handicap, or national origin, or otherwise commit an unfair employment practice.

13.3 The CONSULTANT and any sub-consultant(s) shall comply with all applicable State and Federal Prevailing Rate of Wage Laws, and shall take all steps necessary to remain in compliance therewith. (See Exhibit "C")

13.4 The CONSULTANT and any sub-consultants shall comply with the Kane County Ethics Ordinance (Article II, Division 3, Section 2-211), (See Exhibit "D").

#### 14.0 MODIFICATION OR AMENDMENT.

14.1 The terms of this AGREEMENT may only be modified or amended by a written document duly executed by both PARTIES.

#### 15.0 TERM OF THIS AGREEMENT.

15.1 The term of this AGREEMENT shall begin on the date this AGREEMENT is fully executed and shall continue in full force and effect until the earlier of the following occurs:

A. The PARTY'S termination of this AGREEMENT in accordance with the terms of Section 16.0; or,

B. Upon the 548<sup>th</sup> day after receipt by the CONSULTANT of the Notice to Proceed from the Kane County Engineer on behalf of the COUNTY. (The fee payable to the CONSULTANT for services rendered shall be for 548 calendar days during the periods from November 2012 to June 2014 as set forth on Exhibit A attached hereto).

15.2 In the event the required calendar days as stated in Section 15.1 B above are exceeded and/or anticipated personnel requirements are not adequate and remaining funds are not sufficient to complete the PROJECT, adjustments in total compensation to the CONSULTANT may, at the sole option of the COUNTY be determined through negotiation between the COUNTY and the CONSULTANT. The COUNTY shall however, have no obligation to agree to any adjustment in total compensation or in the term of this AGREEMENT.

15.3 The date of the first calendar day for this AGREEMENT shall be the date of receipt of the Notice to Proceed by the CONSULTANT from the COUNTY. In the event the PROJECT work is suspended by the COUNTY as recorded on the "Report of Starting and Completion Date," the calendar days for this AGREEMENT will also be suspended for a like amount of time.

#### 16.0 TERMINATION ON WRITTEN NOTICE.

16.1 Except as otherwise set forth in this AGREEMENT, the CONSULTANT shall have the right to terminate this AGREEMENT for cause upon serving sixty (60) days written notice upon the COUNTY.



16.2 The COUNTY may terminate this AGREEMENT at any time for any reason upon written notice to the CONSULTANT.

16.3 Upon termination of this AGREEMENT, the obligations of the PARTIES to this AGREEMENT shall cease, but they shall not be relieved of the duty to perform their obligations up to the date of termination. Notwithstanding anything in this AGREEMENT to the contrary however, the obligations of the CONSULTANT to indemnify and hold harmless the COUNTY as provided for in Section 9.0 of the AGREEMENT shall survive the termination of this AGREEMENT.

16.4 Upon termination of this AGREEMENT, all data, work products, reports and documents produced, as a result of this AGREEMENT shall become the property of the COUNTY.

17.0 ENTIRE AGREEMENT.

17.1 This AGREEMENT contains the entire agreement and understandings between the PARTIES.

17.2 There are no other covenants, promises, conditions or understandings, either oral or written, other than those contained herein.

18.0 NON-ASSIGNMENT.

18.1 This AGREEMENT shall not be assigned by a PARTY without prior written approval of the other PARTY.

19.0 SEVERABILITY.

19.1 In the event any provision of this AGREEMENT is held to be unenforceable for any reason, the enforceability thereof shall not affect the remainder of the AGREEMENT, which will remain in full force and effect and enforceability in accordance with its terms.

20.0 GOVERNING LAW.

20.1 This AGREEMENT shall be governed by the laws of the State of Illinois both as to interpretation and performance.

20.2 Venue for any dispute arising hereunder shall be in the Circuit Court of the Sixteenth Judicial Circuit, Kane County, Illinois.

21.0 NOTICE.

Any required notice shall be sent to the following addresses and party:


KANE COUNTY DIVISION OF TRANSPORTATION  
41W011 Burlington Road  
Saint Charles, IL 60175  
Attn.: Carl Schoedel, P.E., Kane County Engineer

APPLIED RESEARCH ASSOCIATES  
100 Trade Centre Drive  
Suite 200  
Champaign, Illinois 61820  
Attn.: Joe Stefanski/Project Manager (Technical Matters)  
Attn.: Yan Liu/Senior Contracts Manager (Contractual Matters)

IN WITNESS WHEREOF, the parties set their hands and seals as of the date first written above.

COUNTY OF KANE

APPLIED RESEARCH ASSOCIATES

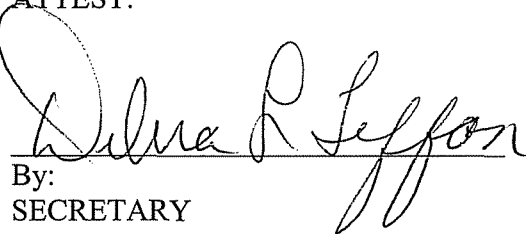
  
KAREN McCONNAUGHAY  
CHAIRMAN, KANE COUNTY BOARD

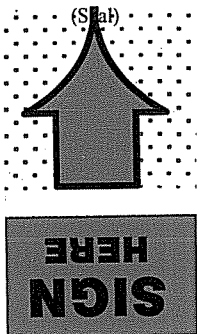
  
By: WILLIAM R. VAVRIK, PhD., P.E.  
VICE PRESIDENT

ATTEST:

ATTEST:

\_\_\_\_\_  
JOHN A. CUNNINGHAM  
KANE COUNTY CLERK

  
By:  
SECRETARY



**EXHIBIT A**

**Scope of Services**

### **Task 1. Kickoff Meeting and Records Gathering**

- ARA staff and Kane County (KDOT) personnel to discuss the project goals
- Coordinate schedules (including field work for ARA's Digital Survey Vehicle (DSV))
- Gather updated information on any change in KDOT's network jurisdiction, construction history, cost, or traffic data that may have changed from the initial implementation year

### **Task 2. Digital Survey Vehicle Data Collection**

- Collect automated and geo-referenced high-resolution digital images of KDOT's highways
  - Survey one direction on 2 lane highways
  - Survey both directions on multi-lane divided (4+ lanes) highways

### **Task 3. Condition Rating System Survey**

- Rate pavement condition of each KDOT road using Illinois Department of Transportation's (IDOT's) Condition Rating System (CRS)

### **Task 4. Maintenance & Rehabilitation Logic Customization**

- Update inputs used in pavement simulation development
  - Examine existing performance model
    - Add PCC model
  - Update treatment matrix
    - Treatment Types
    - Treatment Unit Costs
    - Treatment Feasibilities
    - Treatment Consequences
  - Assign network priorities

### **Task 5. Five-Year Maintenance and Rehabilitation Plan and Budget Analysis**

- Guide KDOT in developing a 5-year maintenance and rehabilitation plan for KDOT's network based on the 2013 collected data
  - Guide KDOT in iterating through "what if" scenarios by varying budget amounts and rehabilitation strategies

### **Task 6. Project Results Memorandum**

- Provide KDOT with a written memo of findings from the updated PMS system

### **Task 7. System Delivery & Training Refresh**

- Deliver updated Roadcare 2013 database back to KDOT
- Deliver updated ImageViewer 2013 images/data back to KDOT
- Provide KDOT with training refresh as needed for software and/or data

### **Task 8. Sign Survey**

- Use collected georeferenced high-resolution digital images along with Geo-3D's Trident Analyst software to update (locate and inventory as necessary) KDOT's sign information which is stored in a Cartegraph SIGNview database; include the following attributes:
  - Unique ID
  - MUTCD
    - Code
    - Classification
    - Description
  - Support Information
    - Support ID (important for multi-signs on a post)
    - Support Type
    - Number of Supports
    - Number of Signs per Post
  - Specific/Unique Sign Text (ex: D3 would be the Street Sign text)
  - Picture
  - Date Surveyed (Event)
  - Route
  - Direction
  - Direction Sign Facing
  - Linear Referencing/Milepost
  - Intersection Quadrant Reference (signs in the intersection only)
  - X
  - Y
  
- Deliver updated Cartegraph database (2013 update of KDOT signs)

### **Task 9. On-going Maintenance & Support**

- Provide KDOT services on an annual-basis that including phone, e-mail, and online support requests as well as bug fixes and version upgrades for the Roadcare software

**EXHIBIT B**

**Proposed Project Costs &  
Schedule of Billing Rates**

**FIRM FIXED PRICE  
COST ESTIMATE OF CONSULTANT SERVICES**

**FIRM**  
**PSB**  
**PRIME/SUPPLEMENT**

Applied Research Associates, Inc.

**OVERHEAD RATE**  
**COMPLEXITY FACTOR**

172.08%  
0

**DATE** 09/07/12

| <b>DBE<br/>DROP<br/>BOX</b> | <b>ITEM</b>                                | <b>MANHOURS</b> | <b>PAYROLL</b> | <b>OVERHEAD<br/>&amp;<br/>FRINGE BENF</b> | <b>IN-HOUSE<br/>DIRECT<br/>COSTS</b> | <b>FIXED<br/>FEE</b> | <b>Outside<br/>Direct<br/>Costs</b> | <b>SERVICES<br/>BY<br/>OTHERS</b> | <b>DBE<br/>TOTAL</b> | <b>TOTAL</b> | <b>% OF<br/>GRAND<br/>TOTAL</b> |
|-----------------------------|--|-----------------|----------------|---|--------------------------------------|----------------------|-------------------------------------|-----------------------------------|----------------------|--------------|---------------------------------|
|                             |  | <b>(A)</b>      | <b>(B)</b>     | <b>(C)</b>                                | <b>(D)</b>                           | <b>(E)</b>           | <b>(F)</b>                          | <b>(G)</b>                        | <b>(H)</b>           | <b>(B-G)</b> |                                 |
|                             | Task 1 - Kickoff Meeting, Record Gathering | 40              | 1,326.51       | 2,282.66                                  |                                      | 490.81               |                                     |                                   |                      | 4,099.98     | 2.86%                           |
|                             | Task 2 - DSV Survey                        | 140             | 4,173.67       | 7,182.05                                  | 21,900.00                            | 1,544.26             |                                     |                                   |                      | 34,799.98    | 24.30%                          |
|                             | Task 3 - CRS Survey                        | 240             | 7,256.37       | 12,486.76                                 | 4,972.00                             | 2,684.86             |                                     |                                   |                      | 27,399.99    | 19.13%                          |
|                             | Task 4 - M&R Customization                 | 96              | 2,911.79       | 5,010.61                                  | 400.25                               | 1,077.36             |                                     |                                   |                      | 9,400.01     | 6.56%                           |
|                             | Task 5 - Develop 5-year M&R Plan           | 66              | 2,491.26       | 4,286.96                                  |                                      | 921.77               |                                     |                                   |                      | 7,699.99     | 5.38%                           |
|                             | Task 6 - Results Memo                      | 44              | 1,585.36       | 2,728.09                                  |                                      | 586.58               |                                     |                                   |                      | 4,900.03     | 3.42%                           |
|                             | Task 7 - System Delivery, Training         | 80              | 2,491.19       | 4,286.84                                  | 400.25                               | 921.74               |                                     |                                   |                      | 8,100.02     | 5.66%                           |
|                             | Task 8 - Sign Survey                       | 360             | 10,302.19      | 17,728.01                                 | 7,458.00                             | 3,811.81             |                                     |                                   |                      | 39,300.01    | 27.44%                          |
|                             | Task 9 - Annual Roadcare Support Fee       | 0               | 0.00           | 0.00                                      | 7,500.00                             | 0.00                 |                                     |                                   |                      | 7,500.00     | 5.24%                           |
|                             |  |                 |                |   |                                      |                      |                                     |                                   |                      |              |                                 |
|                             |  |                 |                |   |                                      |                      |                                     |                                   |                      |              |                                 |
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|                             |  |                 |                |   |                                      |                      |                                     |                                   |                      |              |                                 |
|                             | <b>Subconsultant DL</b>                    |                 |                |   |                                      | 0.00                 |                                     |                                   |                      | 0.00         | 0.00%                           |
|                             | <b>TOTALS</b>                              | 1066            | 32,538.34      | 55,991.98                                 | 42,630.50                            | 12,039.19            | 0.00                                | 0.00                              | 0.00                 | 143,200.00   | 100.00%                         |

# Typical Labor & Direct Expenses

## TYPICAL DIRECT HOURLY LABOR RATES BY CATEGORY:

| Job Category              | Loaded Labor Rate (\$/hr) |
|---------------------------|---------------------------|
| Administrative Clerk      | 40.41                     |
| Administrative Assistant  | 52.38                     |
| Administrative Specialist | 61.36                     |
| Editor                    | 94.28                     |
| Engineering Aide/Intern   | 31.43                     |
| Technician 1              | 38.91                     |
| Technician 2              | 42.8                      |
| Staff Technician 1        | 52.08                     |
| Staff Technician 2        | 56.27                     |
| Senior Technician         | 61.36                     |
| Lead Tech/Junior Engineer | 74.83                     |
| Staff Engineer 1          | 79.32                     |
| Staff Engineer 2          | 95.78                     |
| Senior Engineer 1         | 115.23                    |
| Senior Engineer 2         | 131.69                    |
| Principal Engineer 1      | 178.08                    |
| Principal Engineer 2      | 225.97                    |

## STANDARD EQUIPMENT USE RATES

|                                    | Unit Rate | Units     |
|------------------------------------|-----------|-----------|
| Falling Weight Deflectometer       | 1,560.00  | Day       |
| Pavement Friction                  | 2,500.00  | Day       |
| Pavement Core Truck                | 650.00    | Day       |
| Single Camera Video Survey         | 650.00    | Day       |
| Image Processing Workstation       | 650.00    | Week      |
| Pavement Marking Retroreflectivity | 650.00    | Day       |
| Pavement Sound & Texture           | 1560.00   | Day       |
| Pavement Survey Vehicle            | 200.00    | Day       |
| Rolling Wheel Deflectometer        | 3,900.00  | Day       |
| MIT SCAN-II                        | 650.00    | Day       |
| Lightweight Profiler               | 1,300.00  | Day       |
| Video Survey Vehicle               | 190.00    | Hour      |
|                                    | 1.95      | Mile      |
| Video Survey Workstation           | 6.50      | Hour      |
| Rolling Inclinometer               | 650.00    | Day       |
| Utility Inspection Equipment       | 60.00     | Hour      |
| RoadCare/ImageViewer Software      | 7500.00   | Year      |
| DARWinME Software                  | 650.00    | Svc. Unit |



EXHIBIT "C"

**PREVAILING WAGE RATES**

It is the policy of the State of Illinois as declared in the Illinois Prevailing Wage Act (820 ILCS 130/1 *et seq.*) "that a wage of no less than the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed, shall be paid to all laborers, workers and mechanics employed by or on behalf of any and all public bodies engaged in public works".

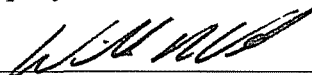
The CONSULTANT agrees to pay, when applicable, the current Illinois Department of Labor Prevailing Wage Rates for all County of Kane projects. Current prevailing wage rates are available from the Illinois Department of Labor at their website: <http://www.state.il.us/agency/idol/rates/rates.HTM>.

Prevailing wage rates are subject to revision monthly. The CONSULTANT acknowledges its responsibility, for payment of any applicable future adjustment thereof.

The CONSULTANT further acknowledges its responsibility to notify any sub-consultant of the applicability of the Prevailing Wage Act.

When applicable, the CONSULTANT agrees to provide the Kane County Division of Transportation "certified payrolls" as required by the Prevailing Wage Act

APPLIED RESEARCH ASSOCIATES, INC.  
Company Name

  
Signature of Officer of Company  
**William R. Vavrik, Ph.D., P.E.**  
Vice President

\_\_\_\_\_  
Title

10/5/12  
Date

EXHIBIT "D"

CONTRACTOR DISCLOSURE ACKNOWLEDGEMENT  
KANE COUNTY CODE, ARTICLE III, DIVISION 3, SECTION 2-211

1. Prior to award, every contractor or vendor who is seeking or who has obtained contracts or change orders to contracts or two (2) or more individual contracts with Kane County resulting in an amount greater than Fifteen Thousand Dollars (\$15,000) shall disclose to the Kane County Purchasing Department, in writing all cumulative campaign contributions, (which includes multiple candidates) made within the previous twelve (12) months of awarding of the contract made by that contractor, union, or vendor to any current officer or countywide elected officer whose office the contract to be awarded will benefit. Disclosure shall be updated annually during the term of a multi-year contract and prior to any change order or renewal requiring Board level approval. For purposes of this disclosure requirement, "contractor or vendor" shall include owners, officers, managers, insurance brokers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors, corporations, partnerships, associations, business trusts, estates, trustees, and/or beneficiaries under the control of the contracting person, and political action committees to which the contracting person has made contributions.
2. All contractors and vendors who have obtained or are seeking contracts with Kane County must disclose the following information which shall be certified and attached to the application or document. Penalties for knowingly violating disclosure requirements will potentially result in immediate cancellation of the contract, and possible disbarment from future County contracts:
  - A. Name, address and percentage of ownership interest of each individual or entity having a legal or a beneficial interest of more than five percent (5%) in the applicant. Any entity required by law to file a statement providing substantially the information required by this paragraph with any other government agency may file a duplicate of such statement;
  - B. Names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with County employees or officials in relation to the contract or bid. This information disclosure must be updated when any changes to the information occurs.
  - C. Whenever any interest required to be disclosed in paragraph (a) above is held by an agent or agents, or a nominee or nominees, the principals for whom such agents or nominees hold such interest shall also be disclosed. The application of a spouse or any other party, if constructively controlled by another person, or legal entity as set forth above, shall state the name and address and percentage of beneficial interest of such person or entity possessing such constructive control and the relationship under which such control is being or may be exercised. Whenever a stock or beneficial interest is held by a corporation or other legal entity, such shareholder or beneficiary shall also make disclosure as required by paragraph (a) above.
  - D. A statement under oath that the applicant has withheld no disclosures as to economic interests in the undertaking nor reserved any information, data or plan as to the intended use or purpose for which it seeks County Board or other county agency action.
3. All disclosures and information shall be current as of the date upon which the application is presented and shall be maintained current until such time as Kane County shall take action on the

application. Furthermore, this information shall be maintained in a database by the Purchasing Department, and made available for public viewing.

4. Notwithstanding any of the above provisions, the County Purchasing Department with respect to contracts awarded may require any such additional information from any applicant which is reasonably intended to achieve full disclosure relevant to the application for action by the County Board or any other County agency.
5. Any failure to comply with the provisions of this section shall render any ordinance, ordinance amendment, County Board approval or other County action in behalf of the applicant failing to comply voidable at the option of the County Board or other County agency involved upon the recommendation of the County Board Chairman or the majority of the County Board.
6. Contractor Disclosure information shall be sent to the Kane County Purchasing Department and the Kane County Division of Transportation at the following address, or via email, prior to Transportation Committee of the Kane County Board:

Kane County Government Center  
Purchasing Department, Bldg A  
719 S. Batavia Ave. Geneva, IL 60134  
purchasing@countyofkane.org

Kane County Division of Transportation  
Linda Haines  
41W011 Burlington Road  
St. Charles, IL 60175  
haineslinda@countyofkane.org

Company Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_