
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS
GEOFF PAYTON, STREETS & PROPERTIES SUPERVISOR
SUBJECT: RESOLUTION: AUTHORIZING AN AGREEMENT WITH BENESCH
FOR THE 2017 BRIDGE INSPECTION PROGRAM
AGENDA: NOVEMBER 15, 2016 BOARD MEETING
DATE: NOVEMBER 10, 2016

ISSUE

Should the Village Board approve a resolution with Benesch Engineering for the 2017 Bridge Inspection Program.

DISCUSSION

The State of Illinois requires a visual inspection of the entire bridge including the underside of Village owned bridges on a routine interval. The results of the inspection must be submitted to the State for tracking purposes. The program requires digital photographs and submission of all applicable forms to IDOT. The Village currently has three bridges on the inventory, Granart Road, Fay's Lane and Camp Dean Road. All three bridges are due for inspection in 2017.

Benesch Engineering has prepared a proposal to provide professional inspection services for all three bridges at an estimated cost of \$8,800.

COST

The Fiscal Year 17-18 General Fund Budget, account number 01-53-6303: Engineering Services has \$10,525 budgeted for this project.

RECOMMENDATION

The Village Board approves Resolution **#20161115PW6** authorizing an Agreement with Benesch Engineering for the Professional Inspection Services for the 2017 Bridge Inspection Program.



RESOLUTION NO. 20161115PW6

VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS

**RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT WITH
BENESCH ENGINEERING FOR THE 2017 BRIDGE INSPECTION
PROGRAM**

WHEREAS, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Benesch Engineering to provide professional inspection services for the 2017 Bridge Inspection Program, and to execute the attached agreement;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

That attached hereto and incorporated herein by reference as Exhibit A is an agreement between Benesch Engineering and the Village of Sugar Grove for professional inspection services for the 2017 Bridge Inspection Program. The President and Clerk are hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 15th day of November, 2016.

 President of the Board of Trustees
 of the Village of Sugar Grove, Kane
 County, Illinois

ATTEST: _____
 Clerk, Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Kevin M. Geary	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Mari Johnson	_____	_____	_____	_____
Trustee Ted Koch	_____	_____	_____	_____
Trustee Rick Montalto	_____	_____	_____	_____
Trustee David Paluch	_____	_____	_____	_____
President P. Sean Michels	_____	_____	_____	_____

November 4, 2016

Mr. Anthony J. Speciale
Director of Public
Works Village of Sugar
Grove 601 Heartland
Drive Sugar Grove, IL
60554

Subject: Bridge Program Manager Services for the Village of Sugar Grove, IL

Dear Mr. Speciale:

Alfred Benesch & Company (Benesch) is pleased to submit this proposal to provide NBIS Routine Bridge Inspection and on-call services as Bridge Inspection Program Manager for the Village of Sugar Grove (Village), Illinois. This proposal outlines the scope and cost required to successfully complete the project. Your authorization to proceed with these services constitutes an acceptance of the terms in this proposal.

We understand that the Village is requesting NBIS bridge inspection services for three bridges. The inspections will be performed in accordance with the National Bridge Inspection Standards (NBIS), Structure Information and Procedure Manual (IDOT), and Manual of Bridge Evaluation (AASHTO).

The following outlines the scope of work to perform the NBIS Routine Inspection and on-call services as Bridge Program Manager:

Scope of Work

1.0 General Assumptions

- The bridges included in this proposal are:
 - Granart Road over Duffin Drainage Ditch – SN 045-3148
 - Camp Dean Road over Welch Creek – SN 045-5011
 - Fay's Lane over Tributary to Welch Creek – SN 045-6805
- Based on the Master Structure Report (S-107), SN 045-6805 is on a 24-month inspection interval.
- Based on the Master Structure Reports (S-107), SN 045-3148 (Granart Road) and SN 045-5011 (Camp Dean Road) are on a 48-month inspection interval.
- All inspections will be performed in the daytime. No night inspections.
- No lane/shoulder closures will be required.
- The use or rental of special equipment is not anticipated and not included in this proposal.

- Detailed measurements of distressed areas of the superstructure or substructure required for the development of contract documents (PS&E) are not included in the scope of this contract.
- Per NBIS, Underwater Inspection is not required nor included in this proposal.
- Per IDOT, Element Level Inspection for these non-NHS bridges are not required nor included in this proposal.
- Cost estimates are not included in this proposal.

2.0 Routine NBIS Safety Inspections

Benesch will perform the NBIS Routine Inspection of the bridges. The field inspection will involve a close visual inspection of the entire bridges and include digital photographs of both sound and deteriorated areas. Underside inspection of bridges over water will be made from the banks. Benesch will prepare and submit all applicable IDOT inspection forms including BBS-BIR, BBS-BFC (checklist), S-105, S-111 and S-114. Benesch will also prepare and submit to the Village a Bridge Inspection Report including color photographs, findings and a summary of recommendations for the bridges.

3.0 On-Call Program Manager Services

Benesch will provide on-call services for the bridge on an as needed basis.

4.0 Quality Control

- Benesch will adhere to their Quality Control Plan developed for IDOT project work.
- Inspection reports will be reviewed for quality prior to submittal.

5.0 Administration and Coordination

- Coordination meetings and discussions will be held via conference call and e-mail as required
- Normal accounting and reporting procedures will be conducted

SCHEDULE

The following is a summary table of the upcoming inspections of the bridges:

Structure No.	Last Inspected	Inspection Interval	Next Inspection Month and Year	No. of Inspections included in this Proposal
045-3148	10/31/2013	48 months	October 2017	1
045-5011	10/31/2013	48 months	October 2017	1
045-6805	10/27/2015	24 months	October 2017	1

Benesch can begin work immediately upon authorization to proceed. The work is anticipated to be completed within two years of receiving authorization to proceed or before 12/31/2017 whichever comes first.

COST

Benesch shall be compensated the Lump Sum cost of \$8,800 for the bridge inspection task including in-house direct costs, inspection equipment and vehicle usage. Outside direct costs would be billed separately at actual cost and are not anticipated for this project. On-call Bridge Inspection Program Manager tasks associated with this project shall be compensated at an hourly rate as shown in Exhibit A. Additional services or modifications to the agreement, including associated costs, shall be in writing and signed by both parties prior to beginning the work. The attached Exhibit B is Benesch's Standard Terms and Conditions for Professional Services.

If this scope, schedule, cost and the conditions are acceptable to the Village of Sugar Grove and Engineering Enterprises, Inc., please sign and return one copy for our records. We thank you for the opportunity to work again with Engineering Enterprises, Inc., and the Village of Sugar Grove on this assignment. If you have any questions or we can be of further assistance, please do not hesitate to call.

Very truly yours,



Elizabeth Gallagher, PE, SE
Senior Vice President

EG:MRB

Attachment: Exhibit A – 2016 & 2017 Hourly Billable Rate per Classification
Attachment: Exhibit B – Standard Terms and Conditions for Professional Services

ACCEPTED
Village of Sugar Grove

By: _____

Title: _____

Date: _____

**EXHIBIT A -
2016 and 2017 Hourly Billable Rate per Classification**

	2016	2017
Classification - Consolidated	Average Billable Rate	Average Billable Rate
Project Principal	\$201.88	\$207.94
Sr Project Manager	\$195.94	\$201.82
Project Manager II	\$162.63	\$167.51
Project Manager I	\$140.74	\$144.96
Sr Project Engineer	\$142.61	\$146.89
Project Engineer II	\$114.67	\$118.11
Project Engineer I	\$103.82	\$106.94
Senior Designer	\$110.83	\$114.16
Designer II	\$91.94	\$94.70
Designer I	\$84.30	\$86.83
Sr Resident Project Manager	\$165.11	\$170.06
Resident Project Manager II	\$153.43	\$158.03
Resident Project Manager I	\$130.93	\$134.86
Sr. Constr. Representative	\$130.30	\$134.21
Constr. Representative III	\$104.49	\$107.62
Constr. Representative II	\$92.23	\$95.00
Constr. Representative I	\$81.18	\$83.62
Sr Construction Tech Representative	\$95.17	\$98.03
Construction Tech Representative II	\$71.73	\$73.88
Construction Tech Representative I	\$63.02	\$64.91
Resident Project Assistant	\$76.71	\$79.02
Sr Surveyor	\$129.20	\$133.08
Sr Party Chief	\$109.59	\$112.88
Party Chief	\$84.07	\$86.59
Sr Inspector	\$102.81	\$105.90
Sr Technical Specialist	\$133.53	\$137.54
Technical Specialist II	\$98.06	\$101.00
Technical Specialist I	\$81.62	\$84.07
Sr Technologist	\$100.36	\$103.37
Technologist II	\$82.34	\$84.81
Technologist I	\$62.29	\$64.16
Business Development Manager	\$96.61	\$99.51
Business Development Assistant	\$63.45	\$65.35
Office Manager	\$83.35	\$85.85
Division Admin Assist I	\$47.01	\$48.42
Project Assistant I	\$57.54	\$59.26
Office Assistant	\$47.01	\$48.42
IT Specialist	\$66.91	\$68.92

EXHIBIT B – STANDARD TERMS AND CONDITIONS FOR PROFESSIONAL SERVICES

SECTION I - SERVICES BY CONSULTANT

1.1 General

CONSULTANT shall provide services under this AGREEMENT only upon request of the CLIENT, and only to the extent defined and required by the CLIENT. These services may include the use of outside services, outside testing laboratories, and special equipment. Attachments to this AGREEMENT are as identified on the signature page to this AGREEMENT or using serially numbered Work Authorizations, and with these GENERAL CONDITIONS, are all as attached hereto, and made a part of this AGREEMENT.

1.2 Scope of Services and Fees

The services to be performed by CONSULTANT and the associated fee are attached hereto and made a part of this AGREEMENT or using by serially numbered Work Authorizations, all as identified on the signature page to this AGREEMENT, and shall be performed by the CONSULTANT in accordance with the CLIENT's requirements. It is mutually understood that CONSULTANT'S fee is not a firm contractual amount except the total fee by the CONSULTANT shall not be exceeded unless authorized in writing by the CLIENT. The intent of the Scope of Services is to identify the services to be provided by CONSULTANT. However, it is specifically understood that by written notice to CONSULTANT, CLIENT can decrease or, with concurrence of CONSULTANT, increase the Scope of Services.

SECTION II - PAYMENTS TO CONSULTANT

2.1 Method of Payment

Payment for CONSULTANT'S personnel services and direct expenses shall be expressed in U. S. dollars, and based on the Method of Payment which is identified on the signature page to this AGREEMENT or serially numbered Work Authorizations, attached hereto, and made a part of this AGREEMENT.

2.2 Payment for Personnel Services

2.2.1 Payment

Payment for the services rendered by CONSULTANT's personnel shall be based on the hours of chargeable time and in accordance with CONSULTANT's Schedule of Unit Rates, which is identified on the signature page to this AGREEMENT and attached hereto, and made a part of this AGREEMENT.

2.2.2 Chargeable Time

Chargeable time for CONSULTANT's personnel is that portion of their time devoted to providing services requested by CLIENT. Chargeable time for field personnel located away from CONSULTANT's office for more than one week is a minimum of eight hours per day and five days per calendar week, except for federally declared legal holidays or during an employee's sick leave or vacation time. Travel time from CONSULTANT's office to an assigned work site, and return to CONSULTANT's office, is chargeable time; or if more economical for CLIENT, CONSULTANT shall lodge its personnel overnight near the work site in lieu of traveling back to CONSULTANT's office at the end of each work day.

2.2.3 Overtime Rates

The basis for payment to CONSULTANT for each hour worked in excess of forty (40) hours in any calendar week shall be the applicable hourly rate as specified in the Schedule of Unit Rates.

2.3 Payment for Direct Expenses

2.3.1 Payment

For Direct Expenses incurred by CONSULTANT, payment to CONSULTANT by the CLIENT shall be in accordance with CONSULTANT'S Schedule of Unit Rates.

2.3.2 Direct Expenses

For the purposes of this AGREEMENT, Direct Expenses to be contracted and managed by CONSULTANT and payable by CLIENT to CONSULTANT shall include: Outside Services including the services and reimbursable expenses for firms other than CONSULTANT which are necessary for the work the CONSULTANT is directed to perform; Laboratory Tests and related reports necessary for the work the CONSULTANT is directed to perform, either by the CONSULTANT or by an outside service for the CONSULTANT; Special Equipment expenses including the costs of the CONSULTANT locating, acquiring, leasing, or renting any equipment or facilities not currently owned, leased, or rented by CONSULTANT at the time of the request for services which are necessary to enable CONSULTANT to provide the services requested; vehicles furnished by CONSULTANT for CONSULTANT's authorized travels and for CONSULTANT's field personnel; Per Diem expense or actual costs of maintaining CONSULTANT's field personnel on or near the Project site, for each day of field assignment away from CONSULTANT's office; and Other Direct Expenses associated with all services provided hereunder and identified in the Schedule of Unit Rates.

2.4 Payment Conditions

2.4.1 CONSULTANT shall submit monthly invoices for all personnel services and direct expenses under this AGREEMENT and a final invoice upon completion of services.

2.4.2 Invoices are due and payable upon receipt by CLIENT. Interest at a rate of 1.5% per month, or the maximum allowed by law, will be charged on all past due amounts starting thirty (30) days after date of invoice. Payments will first be credited to interest and then to principal.

2.4.3 In the event of a disputed or contested invoice, only that portion so contested will be withheld from payment and the CLIENT will pay the undisputed portion. No interest will accrue on any reasonably contested portion of the invoice until mutually resolved.

2.4.4 If CLIENT fails to make payment in full to CONSULTANT within sixty (60) days after the date of the undisputed invoice, CONSULTANT may, after giving seven (7) days' written notice to CLIENT, suspend services under this AGREEMENT until paid in full, including interest. CONSULTANT shall have no liability to CLIENT for delays or damages caused by such suspension of services. CLIENT agrees to pay all costs of collection, including reasonable attorney's fees, incurred by CONSULTANT as a result of CLIENT's failure to make payments in accordance with this AGREEMENT. No final plans, documents or reports will be released for any purpose until CONSULTANT has been paid in full.

2.4.5 The billing rates specified in the Schedule of Unit Rates for subsequent years shall be adjusted annually in accordance with CONSULTANT's costs of doing business, subject to CLIENT's review and concurrence.

SECTION III - Term of Agreement

3.1 Term

CONSULTANT's obligations to perform under this AGREEMENT shall extend from the date of execution until terminated by either party.

3.2 Abandonment of Work

CLIENT shall have the absolute right to abandon any work requested hereunder or to change the general scope of the work at any time, and such action on its part shall in no event be deemed a breach of contract.

3.3 Termination of AGREEMENT

3.3.1 Termination with Cause

The obligation to provide further services under this AGREEMENT may be terminated with cause by either party. In the event of such termination, either party will promptly notify and confirm the termination in writing to the other party. The termination will be effective seven (7) days after delivery of written notice thereof. In the event of termination by CONSULTANT caused by failure of the CLIENT to perform in accordance with the terms of this AGREEMENT, CLIENT shall pay for all services performed prior to the effective date of the termination, including all project termination expenses, collection fees and legal expenses. CONSULTANT shall prepare a progress report, including information as to all the services performed by CONSULTANT and the status of the services as of the date of the termination, and provide information and documents developed under the terms of this AGREEMENT to the CLIENT upon receipt of final payment. In the event of termination by the CLIENT caused by failure by CONSULTANT to perform in accordance with the terms of this AGREEMENT, CONSULTANT shall prepare a progress report, including information as to all the services performed by CONSULTANT and the status of the services as of the date of the termination and provide information and documents developed under the terms of this AGREEMENT to the CLIENT. Upon receipt of all other information and documents, CLIENT shall pay CONSULTANT for services performed prior to the effective date of the termination.

3.3.2 Termination without Cause

Either party may, at its sole discretion, terminate this AGREEMENT without cause at any time. In the event of such termination, the terminating party will promptly notify and confirm the termination in writing to the other party. The termination will be effective seven (7) days after delivery of written notice thereof. Upon termination, CONSULTANT shall prepare a progress report, including information as to all the services performed by CONSULTANT and the status of the services as of the date of the termination, and provide information and documents developed under the terms of this AGREEMENT to the CLIENT upon receipt of final payment.

3.4 Payment for Work Upon Abandonment or AGREEMENT Termination

If CLIENT abandons requested work or terminates this

AGREEMENT, CONSULTANT shall be paid on the basis of work completed to the date of abandonment or effective date of termination. CONSULTANT shall perform no activities other than reasonable wrap-up activities after receipt of notice of abandonment or termination. Payment for the work shall be as established under Section II.

SECTION IV - General Considerations

4.1 Assignment and Responsibility for Personnel

4.1.1 The assignment of personnel and all phases of the undertaking of the services which CONSULTANT shall provide hereunder shall be subject to the oversight and general guidance of CLIENT.

4.1.2 While upon the premises of CLIENT or property under its control, all employees, agents, and subconsultants of CONSULTANT shall be subject to CLIENT's rules and regulations respecting its property and the conduct of its employees thereon.

4.1.3 However, it is understood and agreed that in the performance of the work and obligations hereunder, CONSULTANT shall be and remain an independent Consultant and that the employees, agents or subconsultants of CONSULTANT shall not be considered employees of or subject to the direction and control of CLIENT. CONSULTANT shall be responsible for the supervision and performance of all subconsultants which are to perform hereunder.

4.2 Insurance

4.2.1 CONSULTANT shall furnish CLIENT a certificate of insurance upon request showing amounts and types of insurance carried by CONSULTANT, which certificate shall contain a commitment by the Insurance Company that during the time any work is being performed by CONSULTANT under this AGREEMENT it will give CLIENT notice of cancellation or non-renewal of the insurance coverage shown on such certificates in accordance with policy provisions.

4.3 Successors and Assigns

4.3.1 CLIENT and CONSULTANT each binds itself and its partners, successors, executors, administrators, assigns, and legal representatives to the other party to this AGREEMENT and to the partners, successors, executors, administrators, assigns, and legal representatives of such other party, in respect to all covenants, agreements, and obligations of this AGREEMENT.

4.3.2 Neither CONSULTANT nor CLIENT shall assign or transfer any rights under or interest in (including, but without limitation, moneys that may become due or moneys that are due) this AGREEMENT without the written consent of the other party, except as stated in paragraph 4.3.1 and except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this AGREEMENT. Nothing contained in this paragraph shall prevent CONSULTANT from employing such independent consultants, associates, and subconsultant's as it may deem appropriate to assist in the performance of services hereunder.

4.3.3 Nothing herein shall be construed to give any rights or benefits hereunder to any one other than CLIENT and CONSULTANT except as otherwise provided herein.

4.4 Compliance with Law

4.4.1 CONSULTANT shall comply with, and cause its subconsultants to comply with, applicable Federal, state, and local laws, orders, rules, and regulations

relating to the performance of the services CONSULTANT is to perform under this AGREEMENT.

4.4.2 Neither the CONSULTANT nor the CONSULTANT's agents or employees shall discriminate against any employee or applicant for employment to be employed in the performance of this AGREEMENT with respect to hiring, tenure, terms, conditions, or privileges of employment, because of race, color, religion, sex, or national origin.

4.5 Ownership and Reuse of Documents

4.5.1 All drawings, specifications, test reports, and other materials and work products which have been prepared or furnished by CLIENT prior to this AGREEMENT shall remain CLIENT's property. CONSULTANT shall be permitted to rely on CLIENT furnished documents and CLIENT shall make available to CONSULTANT copies of these materials as necessary for the CONSULTANT to perform the services requested hereunder.

4.5.2 All drawings, specifications, test reports, and other materials and work products, including computer aided drawings, designs, and other data filed on electronic media which will be prepared or furnished by CONSULTANT (and CONSULTANT's independent professional associates and subconsultants) under this AGREEMENT, are instruments of service in respect to the Project and CONSULTANT shall retain an ownership and property interest therein whether or not the Project is completed. CLIENT may make and retain copies for information and reference in connection with the use and the occupancy of the Project by CLIENT and others; however, such documents are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Further, CONSULTANT makes no warranty as to the compatibility of computer data files with computer software and software releases other than that used by CONSULTANT in performing services herein, and to the condition or availability of the computer data after an acceptance period of thirty (30) days from delivery to CLIENT. Any reuse without written verification or adaptation by CONSULTANT for the specific purpose intended will be at CLIENT's sole risk and without liability or legal exposure to CONSULTANT or to CONSULTANT's independent professional associates or subconsultants, and CLIENT shall indemnify and hold harmless CONSULTANT and CONSULTANT's independent professional associates and subconsultants from all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation will entitle CONSULTANT to further compensation at rates to be agreed upon by CLIENT and CONSULTANT.

4.6 Severability

If any of the provisions contained in this AGREEMENT are held for any reason to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability will not affect any other provision, and this AGREEMENT shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

4.7 Location of Underground Utilities

It shall be the CLIENT's responsibility to locate and physically mark all underground utilities and structures which lie within the work area prior to the start of subsurface investigations. If the CLIENT elects not to assume this responsibility, CLIENT shall notify CONSULTANT and shall compensate CONSULTANT for all costs associated with locating and physically marking said underground utilities and structures over and above the estimated project fee. CLIENT shall indemnify and hold CONSULTANT harmless

from any damages and delays resulting from unmarked or improperly marked underground utilities and structures. For reasons of safety, CONSULTANT will not begin work until this has been accomplished.

4.8 Subsurface Investigations

In soils, foundation, groundwater, and other subsurface investigations, the actual characteristics might vary significantly between successive test points and sample intervals and at locations other than where observations, exploration, and investigations have been made. Because of the inherent uncertainties in subsurface evaluations, changed or unanticipated underground conditions may occur that could affect Project cost and/or execution. These conditions and cost/execution effects are not the responsibility of the CONSULTANT.

4.9 CONSULTANT's Personnel at Project Site

4.9.1 The presence or duties of the CONSULTANT personnel at a Project site, whether as onsite representatives or otherwise, do not make the CONSULTANT or its personnel in any way responsible for those duties that belong to the CLIENT and/or the construction contractors or other entities, and do not relieve the construction contractors or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the project documents and any health or safety precautions required by such construction work. The CONSULTANT and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor or other entity or any other persons at the site except CONSULTANT's own personnel.

4.9.2 The presence of CONSULTANT's personnel at a construction site is for the purpose of providing to CLIENT a greater degree of confidence that the completed work will conform generally to the project documents and that the integrity of the design concept as reflected in the project documents has been implemented and preserved by the contractor(s). CONSULTANT neither guarantees the performance of the contractor(s) nor assumes responsibility for contractor(s)' failure to perform their work in accordance with the project documents.

4.10 Opinions of Cost, Financial Considerations, and Schedules

In providing opinions of cost, financial analyses, economic feasibility projections, and schedules for the Project, the CONSULTANT has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor(s)' methods of determining prices, or over competitive bidding or market conditions. CONSULTANT's opinions of probable Total Project Costs and Construction Costs provided for herein as appropriate are made on the basis of CONSULTANT's experience and qualifications and represent CONSULTANT's judgments as an experienced and qualified professional consultant familiar with the construction industry. CONSULTANT makes no warranty that the CLIENT's actual Total Project or Construction Costs, financial aspects, economic feasibility, or schedules will not vary from the CONSULTANT's opinions, analyses, projections, or estimates. If CLIENT wishes greater assurance as to any element of the Total Project or Construction cost, feasibility, or schedule, CLIENT will employ an independent cost estimator, contractor, or other appropriate advisor.

4.11 Disposition of Samples and Equipment

4.11.1 Disposition of Samples

No samples and/or materials will be kept by CONSULTANT longer than thirty (30) days after submission of the final report unless agreed otherwise.

4.11.2 Hazardous or Potentially Hazardous Samples and Materials

In the event that samples and/or materials contain or are suspected to contain substances or constituents hazardous or detrimental to health, safety, or the environment as defined by federal, state, or local statutes, regulations, or ordinances, CONSULTANT will, after completion of testing, return such samples and materials to CLIENT, or have the samples and materials disposed of in accordance with CLIENT's directions and all applicable laws. CLIENT agrees to pay all costs associated with the storage, transportation, and disposal of samples and materials. CLIENT recognizes and agrees that CONSULTANT at no time assumes title to said samples and materials, and shall have no responsibility as a handler, generator, operator, transporter, or disposer of said samples and materials.

4.11.3 Contaminated Equipment

All laboratory and field equipment contaminated in CONSULTANT's performance of services will be cleaned at CLIENT's expense. Contaminated consumables will be disposed of and replaced at CLIENT's expense. Equipment (including tools) which cannot be reasonably decontaminated shall become the property and responsibility of CLIENT. At CLIENT's expense, such equipment shall be delivered to CLIENT, or disposed of in the same manner specified in 4.11.2 above. CLIENT agrees to pay CONSULTANT the fair market value of any such equipment which cannot reasonably be decontaminated and is delivered to CLIENT pursuant to this AGREEMENT.

4.12 Discovery of Unanticipated Pollutant and Hazardous Substance Risks

4.12.1 If CONSULTANT, while performing the services, discovers pollutants and/or hazardous substances that pose unanticipated risks, it is hereby agreed that the scope of services, schedule, and the estimated cost of CONSULTANT's services will be reconsidered and that this AGREEMENT shall immediately become subject to renegotiation or termination.

4.12.2 In the event that the AGREEMENT is terminated because of the discovery of pollutants and/or hazardous substances posing unanticipated risks, it is agreed that CONSULTANT shall be paid for its total charges for labor performed and reimbursable charges incurred to the date of termination of this AGREEMENT, including, if necessary, any additional labor or reimbursable charges incurred in demobilizing.

4.12.3 CLIENT also agrees that the discovery of unanticipated pollutants and/or hazardous substances may make it necessary for CONSULTANT to take immediate measures to protect health and safety. CONSULTANT agrees to notify CLIENT as soon as practically possible should unanticipated pollutants and/or hazardous substances be suspected or encountered. CLIENT authorizes CONSULTANT to take measures that in CONSULTANT's sole judgment are justified to preserve and protect the health and safety of CONSULTANT's personnel and the public. CLIENT agrees to compensate CONSULTANT for the additional cost of taking such additional precautionary measures to protect employees' and the public's health and safety. This section is not intended to impose upon CONSULTANT any duties or obligations other than those imposed by law.

SECTION V - Professional Responsibility

5.1 Performance of Services

Client acknowledges that the performance of professional services is not an exact science, and errors and omissions may occur that are within the industry standard of practice which states that CONSULTANT will strive to perform services under this AGREEMENT in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this AGREEMENT, or in any report, opinion, document, or otherwise.

5.2 Limitation of Liability

CLIENT and CONSULTANT agree to allocate certain of the risks so that, to the fullest extent permitted by law, CONSULTANT's total liability to CLIENT is limited to the available limit of CONSULTANT's insurance coverage or the total fee for Services rendered on this Project, whichever is less, this being the CLIENT's sole and exclusive remedy for any and all injuries, damages, claims, losses, expenses, or claim expenses (including attorney's fees) arising out of this AGREEMENT from any cause or causes. Such causes include, but are not limited to, CONSULTANT's negligence, errors, omissions, strict liability, breach of contract, or breach of warranty.

5.3 No Special or Consequential Damages

CLIENT and CONSULTANT agree that to the fullest extent permitted by law neither party shall be liable to the other for any special, indirect, or consequential damages whatsoever, whether caused by either party's negligence, errors, omissions, strict liability, breach of contract, breach of warranty, or other cause or causes.

5.4 Indemnification

To the fullest extent permitted by law, CLIENT agrees to defend, indemnify, and hold CONSULTANT, its officers, directors, employees, and, subconsultants harmless from and against any and all claims, damages, losses and expenses, defense costs including attorneys' fees, and court or arbitration costs and other liabilities arising out of or resulting from, wholly or in part, the performance of CONSULTANT's services hereunder; provided that CLIENT shall not indemnify CONSULTANT against liability for damages or expenses to the extent caused by the negligence of CONSULTANT, its officers, directors, employees, or subcontractors.

5.5 No Third Party Beneficiaries

CLIENT and CONSULTANT expressly agree that AGREEMENT does not confer upon any third party any rights as beneficiary to this AGREEMENT. CONSULTANT accepts no responsibility for damages, if any, suffered by any third party as the result of a third party's use of the work product, including reliance, decisions, or any other action taken based upon it.

CLIENT agrees that CONSULTANT's services and work products are for the exclusive present use of CLIENT. CLIENT agrees that CONSULTANT's compliance with any request by CLIENT to address or otherwise release any portion of the work product to a third party shall not modify, rescind, waive, or otherwise alter provisions of this AGREEMENT nor does it create or confer any third party beneficiary rights on any third party.

SECTION VI - Miscellaneous Provisions

6.1 Notices

Any notice to either party herein shall be in writing and shall be served either personally or by registered or certified mail addressed to the signing party shown on the signature page.

6.2 Joint Preparation

For purposes of contract interpretation and for the purpose of resolving any ambiguity in this AGREEMENT, the parties agree that this Agreement was prepared jointly by them and/or their respective attorneys.

6.3 Headings

Headings used in this AGREEMENT are for the convenience of reference only and shall not affect the construction of this AGREEMENT

6.4 Dispute Resolution

If negotiation in good faith fails to resolve a dispute within thirty (30) days of written notice of the dispute by either party, then the parties agree that each dispute, claim or controversy arising from or related to this AGREEMENT or the relationships which result from this AGREEMENT shall be subject to mediation as a condition precedent to initiating legal or equitable actions by either party. Unless the parties agree otherwise, the mediation shall be in accordance with the Commercial Mediation Procedures of the American Arbitration Association then currently in effect. A request for mediation shall be filed in writing with the American Arbitration Association and the other party. No legal or equitable action may be instituted for a period of ninety (90) days from the filing of the request for mediation unless a longer period of time is provided by agreement of the parties. Cost of mediation shall be shared equally between the parties and shall be held in a location mutually agreed upon by the parties. The parties shall memorialize any agreement resulting from the mediation in a mediated settlement agreement, which agreement shall be enforceable as a settlement in any court having jurisdiction thereof.

Furthermore, in no circumstances shall a party to this AGREEMENT be joined by the other party to any other lawsuit, dispute or legal proceeding involving a party and any of the party's, consultants, subconsultants, lower tier subconsultants, other design professionals, construction managers, or other individuals or entities unless the parties agree to be joined in writing.

During the pendency of any dispute, the parties shall continue diligently to fulfill their respective obligations hereunder.

6.5 Governing Law

This AGREEMENT is to be governed by the laws of the jurisdiction in which the project is located. For locations outside of the United States, this AGREEMENT shall be governed by the laws of the State of Illinois.

6.6 Entire Agreement

This AGREEMENT, along with those documents specified, attached, or hereby cited together, and serially numbered Work Authorizations if used, constitute the entire AGREEMENT between the parties hereto and no changes,

modifications, extensions, terminations, or waivers of this agreement, or other documents, or any of the provisions herein, or therein contained, shall be valid unless made in writing and signed by duly authorized representatives of both parties.