## CITY OF CHICAGO DEPARTMENT OF PROCUREMENT SERVICES ROOM 403, CITY HALL, 121 N. LA SALLE ST.

JNCP Form	Rev
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# JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT

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# DPS PROJECT CHECKLIST

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For DPS Use Only Date Received	
Date Returned	
Date Accepted	-
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IMPORTANT: PLEASE READ AND FOLLOW THE INSTRUCTIONS FOR COMPLETING THE PROJECT CHECKLIST AND CONTACT THE APPROPRIATE UNIT MANAGER IF YOU HAVE ANY FURTHER QUESTIONS. ALL INFORMATION SHOULD BE COMPLETED, ATTACH ALL REQUIRED MATERIALS AND SUBMIT FOR HANDLING TO THE DEPARTMENT OF PROCUREMENT SERVICES, ROOM 403, CITY HALL, 121 N. LASALLE STREET, CHICAGO, ILLINOIS 60602.

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## **CITY OF CHICAGO PURCHASE REQUISITION**

Copy (Department)

**DELIVER TO:** 

072-2005 30 LASALLE 30 N. LA SALLE ST.

**ROOM 2500** Chicago, IL 60602 **REQUISITION: 28426** 

PAGE:

**DEPARTMENT:** 72 - DEPARTMENT OF ENVIRONMENT

PREPARER: Lynn Jackson

NEEDED:

APPROVED: 6/23/2006

REQUISITION DESCRIPTION

DOE needs a Sole Source Contract with Chicago Chem Consultants Corporation

SPECIFICATION NUMBER: 48370

COMMODITY INFORMATION

1751337926

LINE ITEM

QUANTITY UOM **UNIT COST** TOTAL COST

40,000.00 Each 1.00

CHEMICALS, LABORATORY - TRICHLOROACETIC ACID, CRYSTAL, ACS, 100G

SUGGESTED VENDOR: REQUESTED BY:

Lynn Jackson DIST **BFY** FUND **COST CTR** APPR ACCNT **ACTV** PROJECT RPT CAT GENRL FUTR 1 Dist. Amt. 004 0929 0722005 9034 220000 0000 0000000 0000000 00000 0000 40,000.00 LINE TOTAL: 40,000.00

40,000.00

**REQUISITION TOTAL:** 

40,000.00

## **Procurement History**

1. Describe the requirement and how it evolved from initial planning to its present status.

PVS Chemical Solutions, Inc. ("PVS") is located at 12260 South Carondolet Avenue. PVS manufactures various acidic compounds containing sulfur such as sulfuric acid. Attached is an aerial photo of the facility and photos taken during a January 5, 2006 inspection. Department of Environment ("DOE") learned from PVS facility managers that PVS purchased the plant from Allied Chemical in 1981; however, the plant was originally constructed in early 1900.

With the assistance of a consultant, DOE completed a study and prepared Emergency Response Guides for various facilities in Chicago. PVS was one of these facilities. Based on the results of the study, it was determined that a catastrophic release of chemical from the facility would produce a downwind air contaminate plume up to 6 miles wide. Less catastrophic releases would still produce a plume greater than one mile. Residential areas are within the plume's range.

Due to the facility's age and conditions, DOE questions the mechanical integrity of the facility. Pipe supports, piping, pumps, and storage tanks are corroded; steam spurts from various locations throughout the facility; liquids drip from the process equipment; and building walls appear to be unstable.

DOE does not staff with the expertise needed to assess whether PVS is operating in compliance with applicable laws but also commonly accepted industrial practice. As such, DOE needs an expert that is appropriately credentialed and credible to assist us in assessing whether PVS is maintaining and operating its facility in a manner that prevents releases. Additionally, this expert would assist DOE in prioritizing improvements and identifying assessments PVS would need to complete to complete.

With the assessment, DOE and Chicago Department of Law (DOL) and PVS would negotiate the needed improvements and timeframe for implementation. If PVS was unwilling to cooperate, the City would resort to litigating the matter. During this phase of the project, the expert would be called upon to assist the City in our negotiations with PVS as well as reviewing PVS technical submittals.

2. Is this a first time requirement or a continuation of previous procurement from the same source? If so, explain the procurement history.

This is a first time request.

3. Explain attempts made to competitively bid the requirement.

DOE contacted every engineering firm with which we have a term agreement, contacted engineering firms listed in the yellow pages, contacted companies that market people with specialized technical and engineering backgrounds, searched the internet for engineering professors at local universities, reviewed copies of Environmental Progress, An Official Publication of the American Institute of Chemical Engineers for possible engineering firms with the required background and performed internet searches for engineering firms. Chicago Chem Consultants Corporation ("CCC") is the only firm that reported it had engineers that met the required qualifications. The qualifications are as follows:

- 1) holds a current professional engineering licenses from the State of Illinois. Note Illinois state law requires those practicing engineering in Illinois to hold professional engineering licenses from the State of Illinois;
- 2) are chemical or mechanical engineers;
- 3) are experienced in assessing compliance of facilities that manufacture and handle hazardous chemicals; and
- 4) are experienced in the handling and/or manufacturing of acidic sulfur-containing compounds.

The resumes of the CCC engineers are attached.

4. Describe all research done to find other sources.

See answer to question 3 above.

5. Explain future procurement objectives. Is this a one-time request or will future requests by made for doing business with the same source?

At this time, DOE does not have the funds for this project and therefore, does not anticipate making future requests.

6. Explain whether or not future competitive bidding is possible. If not, why not?

Future competitive bidding is not possible. See the response to number 3 above.

#### **Estimated Cost**

1. What is the estimated cost for this requirement (or for each contract, if multiple awards contemplated)? What is the funding source?

DOE has a budget of \$40,000 to perform the assessment and also to negotiate compliance terms. The cost to perform solely the process

engineering assessment will range from \$19,400 to \$36,200. The range is based on the unknown conditions of the facility, and the cost will also vary with the extent of the facility's process and equipment documentation. The remaining budget will be needed for the experts to perform a basic structural assessment, to attend meetings, and to review technical submittals.

The cost code for this project is: 2004 929 072 2005 9034.

2. What is the estimated cost by fiscal year, if the job project or program covers multiple years?

It is anticipated that this project will begin in 2006 and continue through a portion of 2007. The amount spent in 2006 will depend on the time it takes to contact with CCC; however, the entire project budget is \$40,000.

3. Explain the basis for estimated the cost and what assumptions were made and/or data used (i.e. budgeted amount, previous contract price, current catalog or cost proposal from firms solicited, engineering or in-house estimate, etc.)

The cost for the project was estimated by CCC after reviewing aerial photos and also pictures taken during a DOE inspection. The goal of the project is to assess the operational and structural integrity of the facility to determine if the facility is being operated and maintained in a manner that prevents potential releases. The CCC project proposal is attached. Please note that CCC's proposal includes a range for solely CCC's engineering services. The range is \$19,400 to \$36,200. CCC provided a range due to the unknown conditions of the facility.

4. Explain whether the proposed Contractor or the City has a substantial dollar investment in original design, tooling or other factors which would be duplicated at City expense if another source was considered. Describe cost savings or other measurable benefits to the City which may be achieved.

n/a

5. Explain what negotiation of price has occurred or will occur. Detail why the estimated cost is deemed reasonable.

DOE outlined in detail what its desired goals from the project were. With that explanation, CCC constructed a road map of activities and research that it would need to complete. Based on the scope, CCC prepared a cost estimate based on its billing rates. The billing rates for the project team are also attached. Upon review the activity road map and cost estimate, DOE deems the estimated cost reasonable. Additionally, DOE will be closely overseeing CCC's work to ensure that no unnecessary work is done.

Additionally, please note that DOE and Department of Law ("DOL") originally anticipated that the expert for this project would be hired through a DOL retainer agreement. When preparing its cost proposal, CCC was under the impression that additional firms were submitting project proposals. Instead of initially suing PVS, DOE and DOL determined a better course of action would be to attempt to negotiate a compliance plan with PVS. Consequently, the hiring of the CCC through a retainer agreement was no longer an option.

### **Schedule Requirements**

1. Explain how the schedule was developed and at what point the specific dates were known.

A detailed schedule has not been formulated. DOE would like to begin the assessment in summer 2006 and complete the inspection before winter 2006-2007. Much of the PVS facility is located outside; consequently, during the winter, snow can cover portions of the facility's process equipment and then the City's inspection would be incomplete.

2. Is lack of drawings and/or specification a constraining factor to competitive bidding? If so, why is the proposed Contractor the only person or firm able to perform under these circumstances? Why are the drawing and specifications lacking? What is the lead time required to get drawings and specifications suitable for competition? If lack of drawing and specifications is not a contracting factor to competitive bidding, explain why only one person or firm can meet the required schedule.

n/a

3. Outline the required schedule by delivery or completion dates and explain the reasons why the schedule is critical.

n/a

4. Describe in detail what impact delays for competitive bidding would have on City operations, programs, costs and budgeted funds.

n/a

## **Exclusive or Unique Capability**

1. If contemplating hiring a person or firm as a Professional Service Consultant, explain in detail what professional skills, expertise, qualifications, other factors make this person or firm exclusively qualified for the project. Attach copy of cost proposal and scope of services.

Illinois state law requires those practicing engineering in Illinois to hold professional engineering licenses from the State of Illinois. As such, DOE

searched for engineers with the following credentials: 1) held current professional engineering licenses from the State of Illinois, 2) were chemical or mechanical engineers, 3) were experienced in assessing compliance of plants that manufactured hazardous chemicals, and 4) were experienced in the handling of acidic sulfur-containing compounds.

Chicago Chem Consultants Corporation ("CCC") is the only firm that reported it had engineers that met these qualifications. The resumes of the CCC engineers are attached. Included with the resumes is a summary of the sulfuric acid processing and handling experience CCC staff has. In sum, CCC staff has worked in manufacturing plants and were responsible for ensuring the proper handling and processing of sulfuric acid. Additionally, CCC staff has worked with industry on assessing equipment layout and process design for preventing catastrophic atmospheric releases.

2. Does the proposed firm have personnel considered unquestionably predominant in the particular field?

See answer to number 1 above.

3. What prior experience of a highly specialized nature does the person or firm exclusively possess that is vital to the job, project or program?

The staff that CCC proposes to be the work team has decades of experience with work that is similar or identical to the scope of work requested. Additionally, CCC has on staff an engineer that has experience in the evaluation of process hazards and sulfuric acid management. See the attached resumes and design and equipment evaluation experience.

Questions 4-8 are not applicable to this sole source request.

#### MBE/WBE Compliance Plan

DOE is requesting 'No-Stated Goal" for this sole source request for professional services with CCC. CCC will be assisting DOE by assessing whether PVS, a chemical plant that manufactures sulfur-based acidic compounds, is maintaining and operating its facility in a way that prevents releases. The use of Minority business Enterprises or Women Owned Business Enterprises for this specialized effort is impractible.

The following are reasons supporting this waiver request:

### CCC has the necessary specialized expertise.

State law requires that the engineers hired to perform this work hold current engineering licenses in the State of Illinois. As such, DOE searched for engineers with the following qualifications:

- 1) hold current professional engineering licenses from the State of Illinois;
- 2) are chemical or mechanical engineers;
- 3) are experienced in assessing compliance of plants that manufactured hazardous chemicals; and
- 4) are experienced in the handling of acidic sulfur-containing compounds.

CCC was the only firm that reported it had engineers that had these qualifications.

## The scope of the project is highly technical.

The project scope contains the following tasks:

- Task 1. Site Inspection and determine if additional experts are needed for the assessment.
- Task 2. Examine overall process to identify potential to emit (PTE) points.
- Task 3. Examine mechanical equipment integrity to identify potential to emit points.
- Task 4. Evaluate key environmental release records and compliance points.
- Task 5. Relate findings to potential for catastrophic chemical release.
- Task 6. Report findings; including recommendations to mitigate potential for catastrophic chemical release.
- Task 7. Negotiate compliance points with PVS and review technical submittals.

The project begins with the site inspection. All subsequent tasks are to be completed by those who participate in the site inspection and have the required qualifications for the project. As such, subcontracting a portion of this highly specialized project is impracticable.



City of Chicago Richard M. Daley, Mayor

**Department of Environment** 

Sadhu A. Johnston Commissioner

Twenty-fifth Floor 30 North LaSalle Street Chicago, Illinois 60602-2575 (312) 744-7606 (Voice) (312) 744-6451 (FAX) (312) 744-3586 (TTY) http://www.cityofchicago.org

#### **MEMORANDUM**

TO:

Barbara Lumpkin

Chief Procurement Officer Department of Procurement

FROM:

Sadhu A. Johnston

Commissioner

ATTN:

Claude Humphrey

Deputy Procurement Officer

DATE:

July 12, 2006

**SUBJECT:** 

**Non-Competitive Procurement Contract** 

The Department of Environment (DOE) is requesting a non-competitive procurement contract with Chicago Chem Consultants Corporation. We have exhausted our efforts to locate firms that could competitively bid on this project. Please see attached documents for more extensive justification.

Your approval is greatly appreciated.

If you have questions, please contact Kevin Schnoes at 744-4034.

cc:

Michael Woods Kevin Schnoes Lynn Jackson-Terry





#### **Scope of Services**

The goal of the project is to assess the operational and structural integrity of the facility to determine if the facility is begin operated and maintained in a manner that prevents potential releases. The CCC project proposal is attached. Please note that CCC's proposal includes a range for solely CCC's chemical and process engineering services. The range is \$19,400 to \$36,200. CCC provided a range due to the unknown conditions of the facility. This estimate does not include additional types of engineering assessments that CCC may determine are necessary to completed the job or the cost to have CCC assist the City in its negotiation of a compliance plan or review of technical submittals.

- Task 1. Site Inspection and determine if additional experts are needed for the assessment.
- Task 2. Examine overall process to identify potential to emit (PTE) points.
- Task 3. Examine mechanical equipment integrity to identify potential to emit points.
- Task 4. Evaluate key environmental release records and compliance points.
- Task 5. Relate findings to potential for catastrophic chemical release.
- Task 6. Report findings; including recommendations to mitigate potential for catastrophic chemical release.
- Task 7. Negotiate compliance points with PVS and review technical submittals.

14 North Peoria Suite 2C Chicago Illinois 60607-2609 (312)226-2436 226-8886 FAX www.chichem.com

Johnna Potthoff
City of Chicago
Department of Environment (CCDOE)
30 North LaSalle Street
Chicago IL
(312) 744-3172

March 4, 2006 VIA EMAIL

Dear Ms. Potthoff:

Thank you for your request for proposals from Chicago Chem Consultants Corp (CCC) to conduct a "Scoping Visit" and a "Complete Process and Equipment Review" in regards to the PVS Chemicals, Incorporated Chicago facility. Our two proposals follow.

#### **Project Statement**

CCDOE staff has visited PVS facility recently and its investigators have expressed concern over operational integrity and attendant potential catastrophic chemical release issues. The PVS processing pertains to manufacturing and handling sulfuric acid. The site is located on the Calumet River, and is near population centers. CCDOE specifically is concerned that prevailing conditions might be conducive to catastrophic chemical release having grave human and ecological health impacts. Accordingly, CCDOE has requested CCC provide cost estimates to perform two separate reviews to address this matter, namely:

- A Scoping Visit to determine depth and breadth associated with the H<sub>2</sub>SO<sub>4</sub> processing that
  would serve as data for preparing a cost estimate to conduct a Complete Process and Equipment
  Review
- 2. A Complete Process and Equipment Review to identify improvements necessary for decreasing the likelihood of a catastrophic release of chemicals. This review does not include structural engineering or work involved with specific physical testing for structural or pipe integrity (thickness, etc), but will identify areas that may require such testing or engineering evaluation. This estimate is to include costs to perform such mechanical integrity testing as well as process review. This review will examine both the process and mechanical equipment integrity. CCC methodology is described later in this proposal. CCDOE understands that the results of phase I will be used to modify the phase 2 scope and cost estimate. Accordingly, CCDOE has asked CCC to provide a pre-scoping visit range of expected costs to perform phase 2 in order to assist CCDOE in containing overall budget cost.

#### Project Deliverables

Phase 1 - Scoping Visit Elements

- 1. Initial Site Inspection
- 2. Data Evaluation and Reduction
- 3. Prepare Report of Observations and Updated Cost Proposal for Phase 2 follow-on "Complete Process and Equipment Review"

## Phase 2 - Complete Process and Equipment Review Elements

- 1. Examine overall process to identify potential to emit (PTE) points
- 2. Examine mechanical equipment integrity to identify potential to emit points

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- 3. Evaluate key environmental release records and compliance points
- 4. Relate findings to potential for catastrophic chemical release
- 5. Report findings; including recommendations to mitigate potential for eatastrophic chemical release.

#### CCC Methodology

Phase 1: Visit the site with 2-3 CCC staff engineers for 1 day. CCDOE inspectors familiar with the facility will accompany CCC staff on this visit. We estimate the facility to be in excess of 25 acres, and this teaming approach will allow us to focus more readily on previously CCDOE identified areas of concern. Data collected will be assembled and reviewed for completeness in advance of report generation. A report outlining conditions will include general observations as well as a detailed updated cost estimate to perform phase 2. As the purpose of this phase is to gain a better understanding of operating conditions at PVS, CCC would expect interaction on this reporting element to assure sufficient attention has been paid to areas of concern initially identified by CCDOE inspectors. CCC will make every effort to minimize costs during this phase to obtain only information sufficient to perform this task. It is beyond the scope of this work to examine structural engineering elements that could cause catastrophic release, and CCDOE shall retain structural engineers under separate contract.

We propose that CCDOE provide us with a copy of PVS Chemical's Title V permit or permit application, and any information regarding wastewater or water discharge permits in advance of the site visit. Based on the photographs that we have seen, and the limited information we have about the manufacturing entity, CCC assumes that sulfuric acid is produced at this facility by the Contact process, which is an established process for manufacturing concentrated sulfuric acid. The permits will have a brief description of the process and identify air emission and wastewater/water discharge points. This will verify our assumption regarding the process, and in consultation with the CCDOE inspectors, help us identify critical process areas before arriving on site. In addition, we will be able to delineate more clearly the "areas of concern (AOCs)", and would make the site visit cost effective.

If possible, we will look at the documents that are available at the facility for review. For example, an up to date copy of the piping and instrumentation diagrams (P&IDs) of the identified AOCs would be helpful in limiting follow up investigation cost. We expect the facility to have these drawings for the purpose of conducting scheduled plant shut downs for maintenance. Similarly, we also expect the facility to have up to date equipment data sheets on at least key equipment used in the identified AOCs.

Phase 2: Our approach would be similar to a facility Process Hazard Analysis (PHA). PVS process will be examined in order to identify potential activities and methods that, in and of themselves, might encourage or lead to catastrophic chemical release. As this is not a new facility, and as CCDOE inspectors have identified conditions they feel might not be safe, a review of equipment mechanical integrity will be undertaken. While CCDOE will evaluate overall PVS environmental compliance, CCC will augment them by examining critical PVS compliance elements e.g., SPCC and Storm Water Pollution Prevention Plans, air emission permits, and POTW discharge records. As in Phase 1, CCC will work closely with CCDOE to minimize costs while meeting project objectives through close coordination and communication throughout.

If updated as-built P&IDs are available, they typically contain information on the following items:

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- > Equipment design pressure,
- > Equipment protected by relief valves,
- > Equipment connected to pumps,
- Instrumentation and controls;
- > Heating & cooling equipment (e.g. heat exchangers/steam generators),
- > Pipe size, thickness and material of construction,

If updated Process Flow Diagrams (PFDs) are available, they typically show:

- > The flow of various streams,
- > Stream flow rates, pressures and temperatures, and
- Stream compositions

Equipment data sheets typically contain information on the following items:

- > Equipment design pressure and temperature,
- Date of purchase,
- Corrosion allowance,
- > Key parameters that form the basis of equipment sizing and design, and
- Special notes penaining to equipment use

#### Additional Information Needed

- > Pipe flange rating, and
- Equipment elevation

The PFDs, P&IDs and equipment data sheets, in conjunction with facility visit will provide an objective review for safe operation. It is the responsibility of PVS to provide current information.

Review of facility permits and environmental compliance records will provide us with information regarding the quantities of raw materials used, products produced, and waste generated at the facility. Comparison to the PFDs and the equipment data sheets will help determine whether the facility is operating at design capacity or exceeding capacity. The proposed comparison will identify areas where this design capacity has been exceeded by a substantial margin.

#### CCC Experience

As discussed, CCC has done similar projects and we have attached relevant CCC work examples. CCC has a unique combination of process, environmental, safety and occupational health background. We anticipate working closely with CCDOE to make sure all aspects of these project requirements are met. We will make extensive use of the Internet as well as our library and human technical resources to develop additional relevant project information. Finally, our experience in designing, evaluating and assessing manufacturing facilities will be brought to bear to assist CCDOE in evaluating chemical manufacturing facilities in Chicago.

### CCC Project Team

Jeff Perl, PhD, PE, CHMM Stan Yoslov, ChE Raja Venkateswar, PhD, PE, CHMM

Project Manager
Facility, Plant Design and Operations Engineering
H<sub>2</sub>SO<sub>4</sub> Process Engineering Experience

14 North Peoria Suite 2C Chicago Illinois 60807-2609 (312)226-2436 228-8886 FAX www.chichem.com

In addition to key personnel listed above, CCC shall provide additional team members on an as needed basis and will discuss such additions with CCDOE. Please refer to our website, www.chichem.com for additional details.

#### Cost and Terms

Our cost to perform Phase 1 is estimated at \$6,800. This work shall be completed within 15 workdays of receipt of CCDOE purchase order and end of initial site review.

Our median cost to perform Phase 2 is estimated at \$21,000 +/- 40%, with a low estimate of \$12,600 and high of \$29,400. The Phase 2 estimate shall be revised with input developed from phase 1. This work is estimated to be completed within 2 months of receipt of CCDOE purchase order.

Our billing rates previously provided will apply. Additional staffing and their billing rates will be with approval of CCDOE. Detailed invoices shall be provided, payable net 30 days. Cost shall not be exceeded without prior approval of CCDOE.

We are excited about working with CCDOE and look forward to your comments.

Sincerely,

Chicago Chem Consultants Corp

Jeffery P. Perl, PhD, PE, CHMM

14 N. Peoria Street

Suite 2-C

Chicago IL 60607-2609

312-226-2436

From:

"Jeffery P. Perl, PhD, PE, CHMM" < jefferyperl@chichem.com>

To:

"Johnna Potthoff" <jpotthoff@cityofchicago.org>

Date:

3/9/2006 11:31:03 AM

Subject:

RE: CV

Ms. Potthoff:

Per your request, here is relevant Sulfuric Acid specific experience for Raja Venkateswar.

In addition, Stan Yoslov spent 30 years with Amoco Chemical Company prior to joining CCC and has extensive OSHA HazOp experience. Both Stan and I have worked on various chemical industry accidents where staff have been injured or killed by explosions or other improper plant operations. Some of these involved improper addition of highly reactive materials such as acids and bases and metals. Our website has further info and staff resumes.

We tried to keep this initial transmittal short and will be happy to supply additional information upon request.

Billing rates per your request:

Jeff Perl, PhD, PE, CHMM

\$125/Hr

Raja Venkateswar, PhD, PE, CHMM

\$115/Hr

Stan Yoslov, ChE

\$105/Hr

We look forward to being of service to the City of Chicago in this important environmental and safety matter.

Chicago Chem Consultants Corp

- Jeff -

Jeffery P. Perl, PhD, PE, CHMM President 14 N. Peoria Street Suite 2C Chicago Illinois 60607 312-226-2436 Work 312-226-8886 FAX

14 North Peorta Suite 20 Chicago Illinois 60607-2609 (312)226-2436 226-8886 FAX www.chichem.com

## Facility Safety Review and Forensic Project Examples

#### HAZOP STUDIES

- Amoco Chemical
- Other Major Chemical Manufacturers
- Kansas City Entertainment Complex
  - o Safety Siting Study and Recommendations

#### **ESOH-MS**

- ACHMM Program
  - o National and Local Leadership
  - o Training Nationwide and Chicago since 1988
- US Air Force ESOH Compliance and Management Practice (ESOHCAMP)

#### US Air Force

- Air Stripper Contract Review
- O'Hare Base Closure
- US Dept of Justice, USEPA AF Liaison

#### LOCKOUT/TAGOUT

Koppers Refinery

## ENGINEERING CONTROLS RECOMMENDATION

- Remedial engineering and control of contract manufacturing facility SW Chicago Suburbs
  - o Address safety of operations
  - o Bring up to corporate spec
- Review and Design of HCl vapor air emissions control system for pharmaceuticals manufacturer.

## FORENSIC ENGINEERING STUDIES

- Death and Injury
- Chemical Workplace
- Environmental TSDF
- Root Cause of Accidents
- Recommendation for Improvement

#### WASTE TO ENERGY

- Municipal Solid Waste Business Development Review
  - o Review Technical Aspects
  - o Recommendations
- Preliminary Pre-investment Review of \$300 Million MSW Incinerator for Investors
  - o Examined Condition and Operability of 10 year old mothballed plant in Chicago Suburb

#### PUBLIC PRESENTATIONS

- Superfund
- Lectures
- Regulatory Interface

14 North Peoria Suite 2C Chicago Illinois 60607-2609 (312)226-2436 226-8886 FAX www.shichem.com

#### Design and Equipment Evaluation Project Related Experience

#### PHARMACEUTICAL PRODUCTION FACILITY PLANT EXPANSION

CCC provided complete consulting and engineering package, including design, pilot testing, equipment layout, final engineering, construction and drawings, procurement, installation, and startup, to expand existing food supplement production facility into the international market. By teaming closely with client's research and development department, plant personnel, and equipment suppliers coupled with "just-in-time" engineering, a \$2 million plant expansion was completed on a tight schedule and within budget. After 1 year of operation, there was only 1 hour of downtime

NEW FACILITY ENVIRONMENTAL TREATMENT SYSTEMS - DESIGN FOR ENVIRONMENT Participated in the design/engineering/specification of solid and liquid waste treatment systems for new and add-on pharmaceutical manufacturing plants. This work, performed in conjunction with the John Brown Engineers and Constructors Company (formerly Davy McKee Corp.), included coordination of all design elements involved in the construction of new facilities, including piping & instrumentation drawings (P&IDs), equipment sizing and costing, waste minimization evaluation/recommendations, construction, etc. Typical projects in the \$40-400 Million range, domestic and foreign

PHARMACEUTICAL COATING COMMERCIALIZATION DESIGN ENGINEERING Designed semi-works plant for the commercialization of a new bench developed process for coating nano-sized particles. Project included mixing, contacting, solvent recovery, equipment layout, sizing, costing, and environmental permit emissions calculations to support a design/build venture.

#### PHARMACEUTICAL SEMI-WORKS PLANT

Provided engineering review and recommendations for a facility to produce low-quantity high-potency pharmaceuticals and small quantities of pharmaceuticals for drug trial purposes. Areas of recommendations included process design, health and safety, HVAC, equipment layout, movement of chemicals through facility, explosion protection, processing and cleaning requirements, and building modifications

PHARMACEUTICAL DRYING, PNEUMATIC TRANSPORT, AND PACKAGING SYSTEM Performed process and detail design engineering; and provided oversight of specifications, drawings, and installation. Supervised drying pilot test and worked with equipment vendor to locate/expedite testing and delivery for fast track market driven bulk powder plant expansion

CHEMICAL/ENVIRONMENTAL SYSTEM AND PROCESS DESIGN SPECIFICATIONS Assisted numerous clients in selecting and purchasing new and used process equipment, e.g., heat exchangers, dryers, stills, evaporators, mixers, reactors, mechanical conveyors.

# Jeffery P. Perl, PhD., PE, CHMM. President

Licensed Professional Engineer (PE) and Certified Hazardous Materials Manager (CHMM). For the past nineteen years, President of Chicago Chem Consultants Corporation. Work is focused on the chemical, hazardous waste, and food processing industries. Former plant manager of a national waste solvent recovery and recycle business. Specialties include Pollution Prevention, Superfund remediation design, process design and troubleshooting, negotiations with state regulators, public presentations, and chemical separations processes.

Developed, with the Illinois Institute of Technology and ACHMM, an award winning national review course for Certified Hazardous Materials Managers (CHMM). Past president of ACHMM Chicago. Former vice president of the national ACHMM. Treasurer of the Environmental Division of the American Institute for Chemical Engineers (AIChE). Former chair of AICHE Chicago.

Served in the United States Air Force Reserve with assignments at Headquarters USAF Center for Environmental Excellence, as chief consultant bioenvironmental engineer, Consultant Operations Division, HQ Air Education and Training Command as Staff Consultant Bioenvironmental Engineer, Environmental Directorate of The Civil Engineer, and HQ AF Office of The Surgeon General, Environmental and Occupational Health Division.

# Raja Venkateswar, P.E., CHMM Senior Associate

Extensive experience in environmental project management, process design and engineering for chemical plants, pharmaceutical plants, refineries, and power plants. Areas of expertise in environmental engineering include Remediation, Air Permitting under CAA, Environmental Assessments, Underground Storage Tank Management, Wastewater treatment, Hazardous Waste Management (RCRA), RCRA Facility Investigations (RFIs), Remedial Investigation and Feasibility Studies under CERCLA. Areas of expertise in process design/engineering include distillation systems, reactors, heat exchangers, solid/liquid separation systems, adsorption/absorption systems, and process safety management.

### <u>Stanley Yoslov</u> Senior Associate

Chemical engineer with 33 years of broad based background in production management, project planning/coordination/management, and safety hazards identification, and polymers plant operations including solvent recovery, utilities, extrusion, packaging, and materials transfer and handling. Plant expansion and relocation experience. Analytical with excellent troubleshooting and problem solving capabilities. Pilot plant design and construction. Proven track record in turnaround situations and conflict resolution. Ability to organize, manage and direct diverse functions and employee factors into an efficient operating unit. Director of National AIChE Pilot Plant Committee. Recent projects include pharmaceutical precursors and food supplements.

14 N. Peoria Suite 2C Chicago IL 60607-2609 (312)226-2436 226-8886 FAX www.chichem.com

# Raja Venkateswar, PhD, PE, CHMM

Raja Venkateswar has over twenty years of process and design engineering experience with a good background in process safety management. Raja is a registered professional engineer (PE) in the State of Illinois, Indiana, Ohio and Wisconsin and a Certified Hazardous Materials Manager (CHMM). His degrees are in chemical engineering. The following highlights his specific experience relative to evaluation of process hazards and sulfuric acid management:

#### Process Engineer, Century Rayon

Sulfuric acid is a reactant when viscose is contacted with spin bath for producing crude rayon yarn. As the process engineer in the rayon manufacturing plant, Raja was responsible for ensuring proper handling and processing of sulfuric acid. He performed daily inspections of process tanks and pipelines for visible leaks, and identified potential problems to schedule maintenance activities.

#### Refinery Alky Unit

Raja has worked in Alky units at refineries that use the sulfuric acid in the process instead of hydrofluoric acid (HF). He has also worked with processes that use HF, and is familiar with the special requirements for acid handling. In addition, he is familiar with good refinery design and operating practices for preventing release of acids and other toxic materials into the environment.

## Process Safety Management (PSM)

PSM is used as a tool for managing risks in the refinery and chemical manufacturing industries. Raja has worked on numerous process units, evaluating release scenarios from various pieces of equipment. By working closely with refinery project engineers and operators, Raja has gained considerable experience for conducting audits to verify compliance with OSHA 29CFR1910.119 and EPA Risk Management Program (RMP) Rule (40CFR 68). He has worked with licensors of refinery technologies, and gained valuable in-sight regarding equipment layout and process design for preventing catastrophic atmospheric releases.

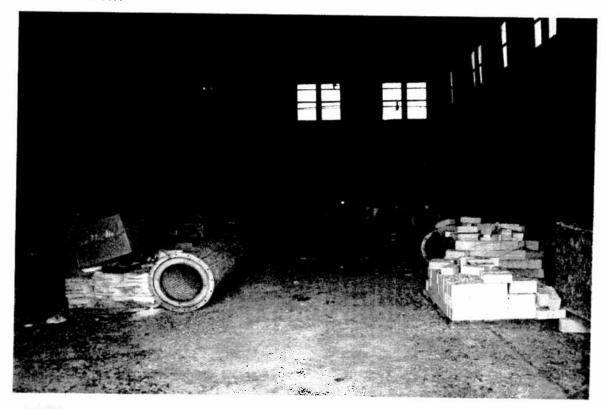
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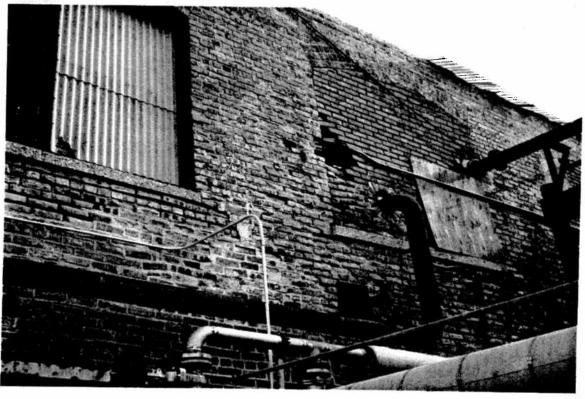




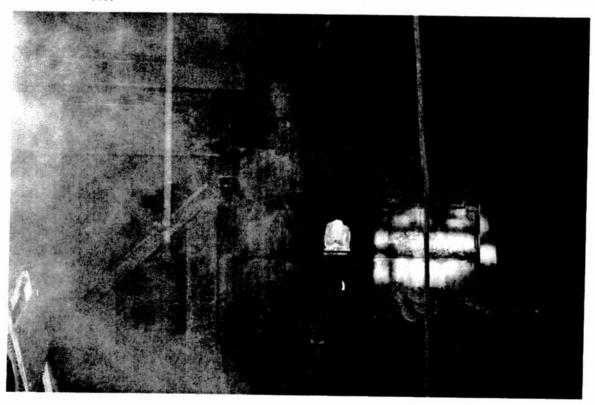


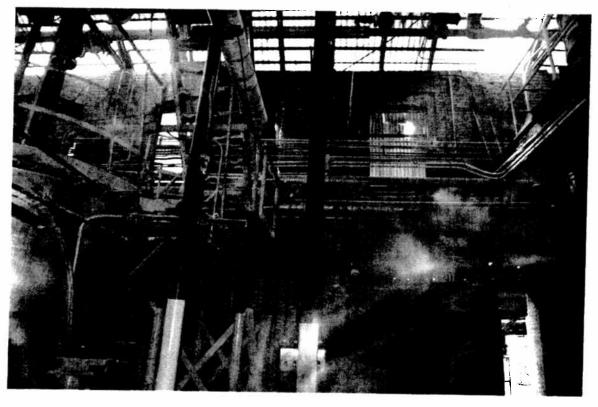
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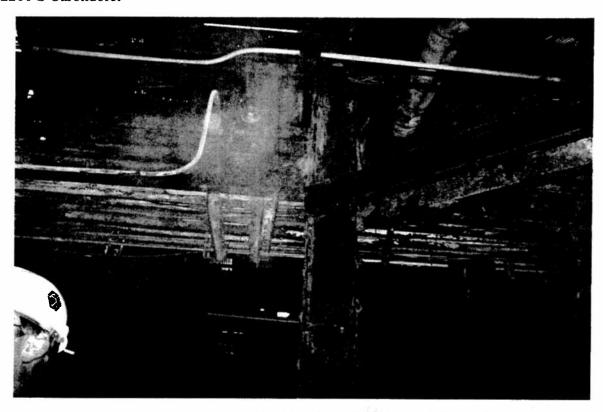


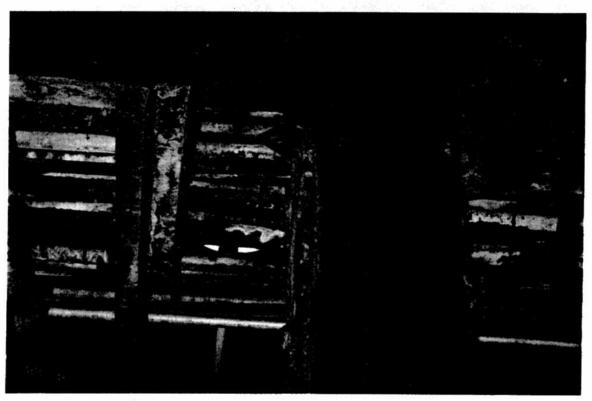
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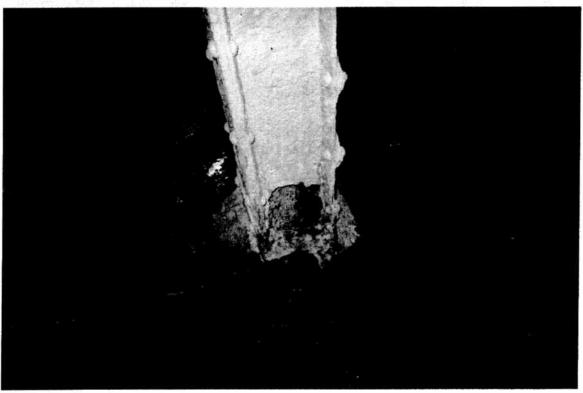
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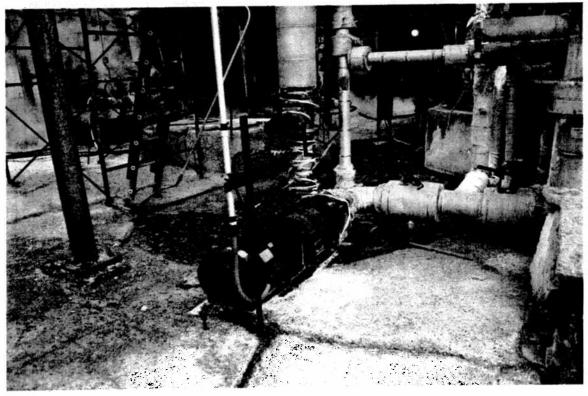
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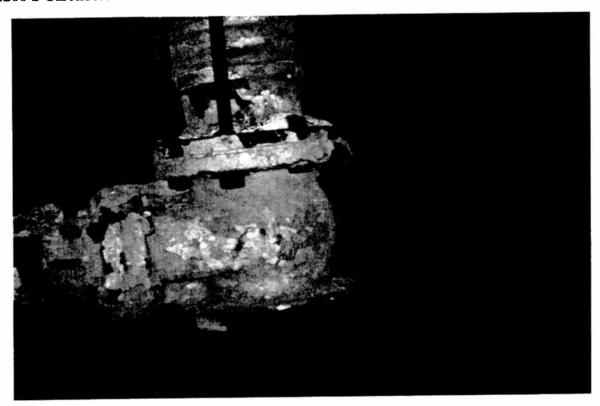


January 5, 2006 PVS 12260 S Carondolet





January 5, 2006 PVS 12260 S Carondolet



### CITY OF CHICAGO ECONOMIC DISCLOSURE STATEMENT AND AFFIDAVIT

## SECTION I -- GENERAL INFORMATION

A. Legal name of Disclosing Party submitting this EDS. Include d/b/a/ if applicable:
Chicago Chem Consultants Corp
Check ONE of the following three boxes:
Indicate whether Disclosing Party submitting this EDS is:  1. ⋈ the Applicant OR
<ol> <li>[] a legal entity holding a direct or indirect interest in the Applicant. State the legal name of th Applicant in which Disclosing Party holds an interest:</li> </ol>
3. [] a specified legal entity with a right of control (see Section II.B.1.b.) State the legal name of the entity in which Disclosing Party holds a right of control:
B. Business address of Disclosing Party: 14 North Peoria Street Suite 2C
Chicago IL 60607
C. Telephone: 312-226-2436 Fax: 312-226-8886 Email: jefferyperl@chichem.com
D. Name of contact person: <u>Jeffery P. Perl, PhD, PE, CHMM - Pr</u> esident
E. Federal Employer Identification No. (if you have one):36-3611547
F. Brief description of contract, transaction or other undertaking (referred to below as the "Matter") to which this EDS pertains. (Include project number and location of property, if applicable):
Phase I Scoping visit for Safety Audit and Inspection of PVS Chemicals
G. Which City agency or department is requesting this EDS? Department of Environment
If the Matter is a contract being handled by the City's Department of Procurement Services, please complete the following:
Specification # and Contract #

A. NATURE OF DISCLOSING PARTY	
<ol> <li>Indicate the nature of the Disclosing Partial</li> <li>Person</li> <li>Publicly registered business corporation</li> <li>Privately held business corporation</li> <li>Sole proprietorship</li> <li>General partnership*</li> <li>Limited partnership*</li> <li>Trust</li> </ol> * Note B.1.b below.	arty:  [] Limited liability company*  [] Limited liability partnership*  [] Joint venture*  [] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes  [] No  [] Other (please specify)
·	country) of incorporation or organization, if applicable:
ousiness in the State of Illinois as a foreign en	tate of Illinois: Has the organization registered to do tity?
[] Yes [] No	(X) N/A
B. IF THE DISCLOSING PARTY IS A LEGA	AL ENTITY:
	es of all executive officers and all directors of the entity.  all members, if any, which are legal entities. If there are  ists, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl Pre	sident and Secretary
Malan Deal	asurei
Allen R. Peri Vic	c President

1.b. If you checked "General partnership," "Limited partnership," "Limited liability company," "Limited liability partnership" or "Joint venture" in response to Item A.1. above (Nature of Disclosing Party), list below the name and title of each general partner, managing member, manager or

A. NATURE OF DISCLOSING PARTY

1. Indicate the nature of the Disclosing P.	artv:
[] Person	[] Limited liability company*
[ ] Publicly registered business corporation	[] Limited liability partnership*
Privately held business corporation	[] Joint venture*
[] Sole proprietorship	[] Not-for-profit corporation
[] General partnership*	(Is the not-for-profit corporation also a 501(c)(3))?
[] Limited partnership*	[] Yes [] No
[] Trust	[] Other (please specify)
* Note B.1.b below.	
2 For legal entities, the state (or forcion of	
2. Tot legal entities, the state (or foreign c	country) of incorporation or organization, if applicable:
Illinois	
3. For legal entities not organized in the S business in the State of Illinois as a foreign en	state of Illinois: Has the organization registered to do tity?
[] Yes [] No	[X] N/A
B. IF THE DISCLOSING PARTY IS A LEG	AL ENTITY:
i of not to profit corporations, also his lichtwise	les of all executive officers and all directors of the entity all members, if any, which are legal entitles. If there are usts, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl Pre	esident and Secretary
Allen R. Perl Vic	e President
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Disclosing Party), list below the name and title	of cach general partner, managing member, manager or

Name  Jeffery P. Perl  Pre	Title esident and Secretary
Name	Title
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titleholder(s).	similar curities, list below the legal
no such members, write "no members." For true	AL ENTITY:  les of all executive officers and all directors of the entity all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
	[∂] N/A
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Illinois	
2. For legal entities, the state (or foreign c	country) of incorporation or organization, if applicable:
* Note B.1.b below.	
1. Indicate the nature of the Disclosing Pa  [] Person  [] Publicly registered business corporation  [] Sole proprietorship  [] General partnership*  [] Limited partnership*  [] Trust	[] Limited liability company* [] Limited liability partnership* [] Limited liability partnership* [] Not-for-profit corporation (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes [] Not-for-profit corporation also a 501(c)(3))?
[] Person	[] Limited liability company*

A NATURE OF THE		
A. NATURFLOF DISC	LOSING PARTY	
1. Indicate the nature [ ] Person [ ] Publicly registered [ ] Sole proprietorship [ ] General partnership [ ] Limited partnership [ ] Trust	*	Party:  [] Limited liability company*  [] Limited liability partnership*  [] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes  [] No  [] Other (please specify)
* Note B.1.b below.		
2 For legal entities	the state (or foreign	country) of incornoration or organization, if applicable
3. For legal entities business in the State of	not organized in the Illinois as a foreign e	State of Illinois: Has the organization registered to do ntity?
[]Yes	[] No	N/A
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Name		Title
Jeffery P. Perl	Pı	resident and Secretary
Helen Perl	Tı	eacurer eacurer
Allen R. Perl	Vī	ce President

1.b. If you checked "General partnership," "Limited partnership," "Limited liability company," "Limited liability partnership" or "Joint venture" in response to Item A.1. above (Nature of Disclosing Party), list below the name and title of each general partner, managing member, manager or

A. NATURE OF DISCLOSING PARTY

[] General partners [] Limited partners	-	(Is the not-for-profit corporation also a 501(c)(3))? [] Yes [] No
[] Trust		[] Other (please specify)
* Note B.1.b below.		
2. For legal enti	ties, the state (or foreign o	country) of incorporation or organization, if applicable:
Illinois	, <u>-</u>	,
		<del></del>
3 For legal anti	ties not organized in the S	tate of Illinois: Has the organization registered to do
	of Illinois as a foreign en	
	of Illinois as a foreign en	
business in the State		tity? [⟨] N/A
[] Yes  B. IF THE DISCLO  1.a. List be For not-for-profit co	[] No DSING PARTY IS A LEG blow the full names and tite rporations, also list below	tity? [⟨] N/A
business in the State  [] Yes  B. IF THE DISCLO  1.a. List be For not-for-profit co no such members, w	[] No DSING PARTY IS A LEG blow the full names and tite rporations, also list below	tity?  [X] N/A  AL ENTITY:  les of all executive officers and all directors of the entity all members, if any, which are legal entities. If there are
[] Yes  B. IF THE DISCLO  1.a. List be For not-for-profit co no such members, w titleholder(s).	[] No OSING PARTY IS A LEGelow the full names and tite reporations, also list below rite "no members." For tr	tity?  [X] N/A  AL ENTITY:  les of all executive officers and all directors of the entity all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
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1.b. If you checked "General partnership," "Limited partnership," "Limited liability company," "Limited liability partnership" or "Joint venture" in response to Item A.1. above (Nature of Disclosing Party), list below the name and title of each general partner, managing member, manager or

A. NATURE OF DISCLOSING PARTY

<ol> <li>Indicate the nature of the Disclosing P         [ ] Person         [ ] Publicly registered business corporation         [ ] Privately held business corporation         [ ] Sole proprietorship         [ ] General partnership*         [ ] Limited partnership*         [ ] Trust</li> </ol>	Party:  [] Limited liability company*  [] Limited liability partnership*  [] Joint venture*  [] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes  [] No  [] Other (please specify)
* Note B.1.b below.	
For legal entities, the state (or foreign Illinois	country) of incorporation or organization, if applicable:
3. For legal entities not organized in the S business in the State of Illinois as a foreign en	State of Illinois: Has the organization registered to do atity?
[] Yes [] No	N/A
B. IF THE DISCLOSING PARTY IS A LEG	AL ENTITY:
To not-tor-profit corporations, also list below	eles of all executive officers and all directors of the entity.  all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl Pro	esident and Secretary
Helen Perl Tre	easurer
Allen R. Peri Vio	ce President
1.b. If you checked "General partners	hip," "Limited partnership," "Limited liability

company," "Limited liability partnership" or "Joint venture" in response to Item A.1. above (Nature of Disclosing Party), list below the name and title of each general partner, managing member, manager or

Name	N/A	Title
of such ar interest of estate or of Municipal	enericial interest (including ownershin interest include shares in a corporal falmember or manager in a limited lother similar entity. If none, state "N	on concerning each person or entity having a direct or nip) in excess of 7.5% of the Disclosing Party. Examplestion, partnership interest in a partnership or joint venture iability company, or interest of a beneficiary of a trust, None." NOTE: Pursuant to Section 2-154-030 of the e"), the City may require any such additional information led to achieve full disclosure.
Name	Business Address	Percentage Interest in the Disclosing Party
Jeffery P	. Perl 14 N. Peoria Street Suite 2	2C Chicago IL 60607 100%
Has the	Disclosing Party had a "business re	HIPS WITH CITY ELECTED OFFICIALS  lationship," as defined in Chapter 2-156 of the Municipa months before the date this EDS is signed?
[]Yes		
f yes, plea elationshi	ase identify below the name(s) of sucip(s):  N/A	ch City elected official(s) and describe such

The Disclosing Party must disclose the name and business address of each subcontractor, attorney, lobbyist, accountant, consultant and any other person or entity whom the Disclosing Party has retained or expects to retain in connection with the Matter, as well as the nature of the relationship, and the total

amount of the fees paid or estimated to be paid. The Disclosing Party is not required to disclose employees who are paid solely through the Disclosing Party's regular payroll.

"Lobbyist" means any person or entity who undertakes to influence any legislative or administrative action on behalf of any person or entity other than: (1) a not-for-profit entity, on an unpaid basis, or (2) himself. "Lobbyist" also means any person or entity any part of whose duties as an employee of another includes undertaking to influence any legislative or administrative action.

If the Disclosing Party is uncertain whether a disclosure is required under this Section, the Disclosing Party must either ask the City whether disclosure is required or make the disclosure.

Name Business Relationship to Disclosing Party Fees (indicate whether Address (subcontractor, attorney, (indicate whether retained or anticipated lobbyist, etc.) paid or estimated) to be retained) Stanley Yoslov 1313 Ritchie Court Chicago 606XX Subcontractor \$ 1000.00 Raja Venkateswar, PhD, PE, CHMM 1042 W.186th Pl. Homewood 60430 IL, Subcontractor, \$ 1500.00 14 N. Peoria St Ste 2C Chicago, Attorney \$500.00 (Add sheets if necessary) [] Check here if the Disclosing party has not retained, nor expects to retain, any such persons or entities. **SECTION V -- CERTIFICATIONS** 

### A. COURT-ORDERED CHILD SUPPORT COMPLIANCE

Under Municipal Code Section 2-92-415, substantial owners of business entities that contract with the City must remain in compliance with their child support obligations throughout the term of the contract.

Has any person who directly or indirectly owns 10% or more of the Disclosing Party been declared in arrearage on any child support obligations by any Illinois court of competent jurisdiction?

S	M No	[ ] No person owns 10% or more of the Disclosing Party	<b>'.</b>
, haa 4ha		1.1	

If "Yes," has the person entered into a court-approved agreement for payment of all support owed and is the person in compliance with that agreement?

[]Yes	[]No	N/A
	C 3 · -	14/7

### B. FURTHER CERTIFICATIONS

- 1. The Disclosing Party and, if the Disclosing Party is a legal entity, all of those persons or entities identified in Section II.B.1. of this EDS:
  - a. are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from any transactions by any federal, state or local unit of government;
  - b. have not, within a five-year period preceding the date of this EDS, been convicted of a criminal offense, adjudged guilty, or had a civil judgment rendered against them in connection with: obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction; a violation of federal or state antitrust statutes; fraud; embezzlement; theft; forgery; bribery; falsification or destruction of records; making false statements; or receiving stolen property;
  - c. are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in clause B.1.b. of this Section V;
  - d. have not, within a five-year period preceding the date of this EDS, had one or more public transactions (federal, state or local) terminated for cause or default; and
  - e. have not, within a five-year period preceding the date of this EDS, been convicted, adjudged guilty, or found liable in a civil proceeding, or in any criminal or civil action, including actions concerning environmental violations, instituted by the City or by the federal government, any state, or any other unit of local government.
  - 2. The certifications in subparts 2, 3 and 4 concern:
  - the Disclosing Party;
  - any "Applicable Party" (meaning any party participating in the performance of the Matter, including but not limited to any persons or legal entities disclosed under Section IV, "Disclosure of Subcontractors and Other Retained Parties");
- any "Affiliated Entity" (meaning a person or entity that, directly or indirectly: controls the Disclosing Party, is controlled by the Disclosing Party, or is, with the Disclosing Party, under common control of another person or entity. Indicia of control include, without limitation: interlocking management or ownership; identity of interests among family members, shared facilities and equipment; common use of employees; or organization of a business entity following the ineligibility of a business entity to do business with federal or state or local government, including the City, using substantially the same management, ownership, or principals as the ineligible entity); with respect to Applicable Parties, the term Affiliated Entity means a person or entity that directly or indirectly controls the Applicable Party, is controlled by it, or, with the Applicable Party, is under common control of another person or entity;

• any responsible official of the Disclosing Party, any Applicable Party or any Affiliated Entity or any other official, agent or employee of the Disclosing Party, any Applicable Party or any Affiliated Entity, acting pursuant to the direction or authorization of a responsible official of the Disclosing Party, any Applicable Party or any Affiliated Entity (collectively "Agents").

Neither the Disclosing Party, nor any Applicable Party, nor any Affiliated Entity of either the Disclosing Party or any Applicable Party nor any Agents have, during the five years before the date this EDS is signed, or, with respect to an Applicable Party, an Affiliated Entity, or an Affiliated Entity of an Applicable Party during the five years before the date of such Applicable Party's or Affiliated Entity's contract or engagement in connection with the Matter:

- bribed or attempted to bribe, or been convicted or adjudged guilty of bribery or attempting to bribe, a public officer or employee of the City, the State of Illinois, or any agency of the federal government or of any state or local government in the United States of America, in that officer's or employee's official capacity;
- b. agreed or colluded with other bidders or prospective bidders, or been a party to any such agreement, or been convicted or adjudged guilty of agreement or collusion among bidders or prospective bidders, in restraint of freedom of competition by agreement to bid a fixed price or otherwise; or
- c. made an admission of such conduct described in a. or b. above that is a matter of record, but have not been prosecuted for such conduct; or
- d. violated the provisions of Municipal Code Section 2-92-610 (Living Wage Ordinance).
- 3. Neither the Disclosing Party, Affiliated Entity or Applicable Party, or any of their employees, officials, agents or partners, is barred from contracting with any unit of state or local government as a result of engaging in or being convicted of (1) bid-rigging in violation of 720 ILCS 5/33E-3; (2) bid-rotating in violation of 720 ILCS 5/33E-4; or (3) any similar offense of any state or of the United States of America that contains the same elements as the offense of bid-rigging or bid-rotating.
- 4. Neither the Disclosing Party nor any Affiliated Entity is listed on any of the following lists maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury or the Bureau of Industry and Security of the U.S. Department of Commerce or their successors: the Specially Designated Nationals List, the Denied Persons List, the Unverified List, the Entity List and the Debarred List.
- 5. The Disclosing Party understands and shall comply with (1) the applicable requirements of the Governmental Ethics Ordinance of the City, Title 2, Chapter 2-156 of the Municipal Code; and (2) all the applicable provisions of Chapter 2-56 of the Municipal Code (Office of the Inspector General).

	Disclosing Party must e	ove statements in titls I a	ionin'i) din
N/A			

If the letters "NA," the word "None," or no response appears on the lines above, it will be conclusively presumed that the Disclosing Party certified to the above statements.

#### C. CERTIFICATION OF STATUS AS FINANCIAL INSTITUTION

For purposes of this Part C, under Municipal Code Section 2-32-455(b), the term "financial institution" means a bank, savings and loan association, thrift, credit union, mortgage banker, mortgage broker, trust company, savings bank, investment bank, securities broker, municipal securities broker, securities dealer, municipal securities dealer, securities underwriter, municipal securities underwriter, investment trust, venture capital company, bank holding company, financial services holding company, or any licensee under the Consumer Installment Loan Act, the Sales Finance Agency Act, or the Residential Mortgage Licensing Act. However, "financial institution" specifically shall not include any entity whose predominant business is the providing of tax deferred, defined contribution, pension plans to public employees in accordance with Sections 403(b) and 457 of the Internal Revenue Code. (Additional definitions may be found in Municipal Code Section 2-32-455(b).)

#### 1. CERTIFICATION

The Disclosing Party certifies that the Disclosing Party (check one)

[] is X is not

- a "financial institution" as defined in Section 2-32-455(b) of the Municipal Code.
  - 2. If the Disclosing Party IS a financial institution, then the Disclosing Party pledges:

"We are not and will not become a predatory lender as defined in Chapter 2-32 of the Municipal Code. We further pledge that none of our affiliates is, and none of them will become, a predatory lender as defined in Chapter 2-32 of the Municipal Code. We understand that becoming a predatory lender or becoming an affiliate of a predatory lender may result in the loss of the privilege of doing business with the City."

If the Disclosing Party is unable to make this pledge because it or any of its affiliates (as defined in Section 2-32-455(b) of the Municipal Code) is a predatory lender within the meaning of Chapter

If the letters "NA," the word "None," or no response appears on the lines above, it will be conclusively presumed that the Disclosing Party certified to the above statements.  D. CERTIFICATION REGARDING INTEREST IN CITY BUSINESS  Any words or terms that are defined in Chapter 2-156 of the Municipal Code have the same meanings when used in this Part D.  1. In accordance with Section 2-156-110 of the Municipal Code: Does any official or employee of the City have a financial interest in his or her own name or in the name of any other person or entity in the Matter?  [] Yes	N/A				
Any words or terms that are defined in Chapter 2-156 of the Municipal Code have the same meanings when used in this Part D.  1. In accordance with Section 2-156-110 of the Municipal Code: Does any official or employee of the City have a financial interest in his or her own name or in the name of any other person or entity in the Matter?  [] Yes					-
neanings when used in this Part D.  1. In accordance with Section 2-156-110 of the Municipal Code: Does any official or employee of the City have a financial interest in his or her own name or in the name of any other person or entity in the Matter?  [] Yes	D. CERTIFICA	TION REGARDING	3 INTEREST IN	N CITY BUSINESS	
of the City have a financial interest in his or her own name or in the name of any other person or entity in the Matter?  [] Yes			in Chapter 2-156	6 of the Municipal Code have the sam	c
Item D.1., proceed to Part E.  2. Unless sold pursuant to a process of competitive bidding, or otherwise permitted, no City elected official or employee shall have a financial interest in his or her own name or in the name of any other person or entity in the purchase of any property that (i) belongs to the City, or (ii) is sold for taxes or assessments, or (iii) is sold by virtue of legal process at the suit of the City (collectively, "City Property Sale"). Compensation for property taken pursuant to the City's eminent domain power does not constitute a financial interest within the meaning of this Part D.  Does the Matter involve a City Property Sale?  [] Yes  [] No  N/A  3. If you checked "Yes" to Item D.1., provide the names and business addresses of the City officials or employees having such interest and identify the nature of such interest:	of the City have entity in the Mat	a financial interest in ter?	156-110 of the M n his or her own	Municipal Code: Does any official or on mame or in the name of any other personant control of the control of th	employee son or
elected official or employee shall have a financial interest in his or her own name or in the name of any other person or entity in the purchase of any property that (i) belongs to the City, or (ii) is sold for taxes or assessments, or (iii) is sold by virtue of legal process at the suit of the City (collectively, "City Property Sale"). Compensation for property taken pursuant to the City's eminent domain power does not constitute a financial interest within the meaning of this Part D.  Does the Matter involve a City Property Sale?  [] Yes  [] No  N/A  3. If you checked "Yes" to Item D.1., provide the names and business addresses of the City officials or employees having such interest and identify the nature of such interest:			m D.1., proceed	to Items D.2. and D.3. If you checked	<b>i "</b> No" to
[] Yes [] No N/A  3. If you checked "Yes" to Item D.1., provide the names and business addresses of the City officials or employees having such interest and identify the nature of such interest:	elected official o any other person for taxes or asses "City Property Sa	r employee shall have or entity in the purc- sments, or (iii) is so ale"). Compensation	ve a financial int hase of any prop ld by virtue of le n for property tal	terest in his or her own name or in the perty that (i) belongs to the City, or (ii) egal process at the suit of the City (colken pursuant to the City's eminent don	name of is sold lectively,
3. If you checked "Yes" to Item D.1., provide the names and business addresses of the City officials or employees having such interest and identify the nature of such interest:	Does the Matter	involve a City Prope	rty Sale?		
officials or employees having such interest and identify the nature of such interest:	[]Yes	[ ] No	N/A		
Name Business Address Nature of Interest	3. If you che officials or emplo	cked "Yes" to Item I byees having such in	D.1., provide the terest and identi	names and business addresses of the fy the nature of such interest:	City
	Name	Business	Address	Nature of Interest	
N/A	N/A				

4. The Disclosing Party further certifies that no prohibited financial interest in the Matter will be acquired by any City official or employee.

#### E. CERTIFICATION REGARDING SLAVERY ERA BUSINESS

The Disclosing Party has searched any and all records of the Disclosing Party and any and all predecessor entities for records of investments or profits from slavery, the slave industry, or slaveholder insurance policies from the slavery cra (including insurance policies issued to slaveholders that provided coverage for damage to or injury or death of their slaves) and has disclosed in this EDS any and all such records to the City. In addition, the Disclosing Party must disclose the names of any and all slaves or slaveholders described in those records. Failure to comply with these disclosure requirements may make the Matter to which this EDS pertains voidable by the City.

N/A
1. List below the names of all persons or entities registered under the federal Lobbying Disclosure Act of 1995 who have made lobbying contacts on behalf of the Disclosing Party with respect to the Matter: (Begin list here, add sheets as necessary):
A. CERTIFICATION REGARDING LOBBYING
NOTE: If the Matter is federally funded, complete this Section VI. If the Matter is not federally funded, proceed to Section VII.
SECTION VI CERTIFICATIONS FOR FEDERALLY-FUNDED MATTERS
N/A
2. The Disclosing Party verifies that, as a result of conducting the search in step 1(a) above, the Disclosing Party has found records relating to investments or profits from slavery, the slave industry, or slaveholder insurance policies and/or the names of any slaves or slaveholders. The Disclosing Party verifies that the following constitutes full disclosure of all such records:
X
Please check either 1. or 2. below. If the Disclosing Party checks 2., the Disclosing Party must disclose below or in an attachment to this EDS all requisite information as set forth in that paragraph 2
disclosed in this EDS any and all such records to the City. In addition, the Disclosing Party must disclose the names of any and all slaves or slaveholders described in those records. Failure to comply with these disclosure requirements may make the Matter to which this EDS pertains voidable by the City.

(If no explanation appears or begins on the lines above, or if the letters "NA" or if the word "None" appear, it will be conclusively presumed that the Disclosing Party means that NO persons or entities registered under the Lobbying Disclosure Act of 1995 have made lobbying contacts on behalf of the Disclosing Party with respect to the Matter.)

- 2. The Disclosing Party has not spent and will not expend any federally appropriated funds to pay any person or entity listed in Paragraph A.1. above for his or her lobbying activities or to pay any person or entity to influence or attempt to influence an officer or employee of any agency, as defined by applicable federal law, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress, in connection with the award of any federally funded contract, making any federally funded grant or loan, entering into any cooperative agreement, or to extend, continue, renew, amend, or modify any federally funded contract, grant, loan, or cooperative agreement.
- 3. The Disclosing Party will submit an updated certification at the end of each calendar quarter in which there occurs any event that materially affects the accuracy of the statements and information set forth in paragraphs A.1. and A.2. above.

If the Matter is federally funded and any funds other than federally appropriated funds have been or will be paid to any person or entity for influencing or attempting to influence an officer or employee of any agency (as defined by applicable federal law), a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the Matter, the Disclosing Party must complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. The form may be obtained online from the federal Office of Management and Budget (OMB) web site at http://www.whitehouse.gov/omb/grants/sflllin.pdf, linked on the page http://www.whitehouse.gov/omb/grants/grants\_forms.html.

- 4. The Disclosing Party certifies that either: (i) it is not an organization described in section 501(c)(4) of the Internal Revenue Code of 1986; or (ii) it is an organization described in section 501(c)(4) of the Internal Revenue Code of 1986 but has not engaged and will not engage in "Lobbying Activities".
- 5. If the Disclosing Party is the Applicant, the Disclosing Party must obtain certifications equal in form and substance to paragraphs A.1. through A.4. above from all subcontractors before it awards any subcontract and the Disclosing Party must maintain all such subcontractors' certifications for the duration of the Matter and must make such certifications promptly available to the City upon request.

### B. CERTIFICATION REGARDING EQUAL EMPLOYMENT OPPORTUNITY

If the Matter is federally funded, federal regulations require the Applicant and all proposed subcontractors to submit the following information with their bids or in writing at the outset of negotiations.

is the Disclosing Pa	arty the Applicant	t?	
[]Yes	[]No	N/A	•
If "Yes," answer th	e three questions	below:	
applicable federal r	veloped and do ye	ou have on file affirmative action programs pursuant 41 CFR Part 60-2.)	to
[]Yes	[] No	N/A	
Contract Compliand under the applicable	ce Programs, or th		ederal ports due
3. Have you pa equal opportunity c	rticipated in any plause?	previous contracts or subcontracts subject to the	
[]Yes	[]No N	N/A	
If you checked "No	" to question 1. or	r 2. above, please provide an explanation:	

## SECTION VII -- ACKNOWLEDGMENTS, CONTRACT INCORPORATION, COMPLIANCE, PENALTIES, DISCLOSURE

The Disclosing Party understands and agrees that:

- A. By completing and filing this EDS, the Disclosing Party acknowledges and agrees, on behalf of itself and the persons or entities named in this EDS, that the City may investigate the creditworthiness of some or all of the persons or entities named in this EDS.
- B. The certifications, disclosures, and acknowledgments contained in this EDS will become part of any contract or other agreement between the Applicant and the City in connection with the Matter, whether procurement, City assistance, or other City action, and are material inducements to the City's execution of any contract or taking other action with respect to the Matter. The Disclosing Party understands that it must comply with all statutes, ordinances, and regulations on which this EDS is based.
- C. The City's Governmental Ethics and Campaign Financing Ordinances, Chapters 2-156 and 2-164 of the Municipal Code, impose certain duties and obligations on persons or entities seeking City contracts, work, business, or transactions. The full text of these ordinances and a training program is available on line at <a href="https://www.cityofchicago.org/Ethics">www.cityofchicago.org/Ethics</a>, and may also be obtained from the City's Board of Ethics, 740 N. Sedgwick St., Suite 500, Chicago, IL 60610, (312) 744-9660. The Disclosing Party must comply fully with the applicable ordinances.

- D. If the City determines that any information provided in this EDS is false, incomplete or inaccurate, any contract or other agreement in connection with which it is submitted may be rescinded or be void or voidable, and the City may pursue any remedies under the contract or agreement (if not rescinded, void or voidable), at law, or in equity, including terminating the Disclosing Party's participation in the Matter and/or declining to allow the Disclosing Party to participate in other transactions with the City. Remedies at law for a false statement of material fact may include incarceration and an award to the City of treble damages.
- E. It is the City's policy to make this document available to the public on its Internet site and/or upon request. Some or all of the information provided on this EDS and any attachments to this EDS may be made available to the public on the Internet, in response to a Freedom of Information Act request, or otherwise. By completing and signing this EDS, the Disclosing Party waives and releases any possible rights or claims which it may have against the City in connection with the public release of information contained in this EDS and also authorizes the City to verify the accuracy of any information submitted in this EDS.
- F. The information provided in this EDS must be kept current. In the event of changes, the Disclosing Party must supplement this EDS up to the time the City takes action on the Matter. If the Matter is a contract being handled by the City's Department of Procurement Services, the Disclosing Party must update this EDS as the contract requires.

The Disclosing Party represents and warrants that:

G. The Disclosing Party has not withheld or reserved any disclosures as to economic interests in the Disclosing Party, or as to the Matter, or any information, data or plan as to the intended use or purpose for which the Applicant seeks City Council or other City agency action.

For purposes of the certifications in H.1. and H.2. below, the term "affiliate" means any person or entity that, directly or indirectly: controls the Disclosing Party, is controlled by the Disclosing Party, or is, with the Disclosing Party, under common control of another person or entity. Indicia of control include, without limitation: interlocking management or ownership; identity of interests among family members; shared facilities and equipment; common use of employees; or organization of a business entity following the ineligibility of a business entity to do business with the federal government or a state or local government, including the City, using substantially the same management, ownership, or principals as the ineligible entity.

- H.1. The Disclosing Party is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, nor are the Disclosing Party or its affiliates delinquent in paying any fine, fee, tax or other charge owed to the City. This includes, but is not limited to, all water charges, sewer charges, license fees, parking tickets, property taxes or sales taxes.
- H.2 If the Disclosing Party is the Applicant, the Disclosing Party and its affiliates will not use, nor permit their subcontractors to use, any facility on the U.S. EPA's List of Violating Facilities in connection with the Matter for the duration of time that such facility remains on the list.

H.3 If the Disclosing Party is the Applicant, the Disclosing Party will obtain from any contractors/subcontractors hired or to be hired in connection with the Matter certifications equal in form and substance to those in H.1. and H.2. above and will not, without the prior written consent of the City, use any such contractor/subcontractor that does not provide such certifications or that the Disclosing Party has reason to believe has not provided or cannot provide truthful certifications.

NOTE: If the Disclosing Party cannot certify as to any of the items in H.1., H.2. or H.3. above, an explanatory statement must be attached to this EDS.

#### CERTIFICATION

Under penalty of perjury, the person signing below: (1) warrants that he/she is authorized to execute this EDS on behalf of the Disclosing Party, and (2) warrants that all certifications and statements contained in this EDS are true, accurate and complete as of the date furnished to the City.

Chicago Chem Consultants Corp	Date: June 12, 2006
(Print or type name of Disclosing Party)	
Jeffy P. Perl	
(sign here)	
Jeffery P. Perl, PhD, PE, CHMM	
(Print or type name of person signing)	
President	
(Print or type title of person signing)	
Signed and sworn to before me on (date) June at Cook County, Illinois (st	12, 2006 , by <u>Allen R. Perl</u> ate).
Commission expires: No	Official Seal Allen R Perl Notary Public State of Illinois My Commission Expires 02/05/2009

### CITY OF CHICAGO ECONOMIC DISCLOSURE STATEMENT AND AFFIDAVIT

### SECTION I -- GENERAL INFORMATION

A. Legal name of Disclosing Party submitting this EDS. Include d/b/a/ if applicable:
Chicago Chem Consultants Corp
Check ONE of the following three boxes:
Indicate whether Disclosing Party submitting this EDS is:  1. ⋈ the Applicant OR
<ol> <li>[] a legal entity holding a direct or indirect interest in the Applicant. State the legal name of the Applicant in which Disclosing Party holds an interest:</li> </ol> OR
3. [] a specified legal entity with a right of control (see Section II.B.1.b.) State the legal name of the entity in which Disclosing Party holds a right of control:
B. Business address of Disclosing Party: 14 North Peoria Street Suite 2C
Chicago IL 60607
C. Telephone: 312-226-2436 Fax: 312-226-8886 Email: jefferyperl@chichem.com
D. Name of contact person: <u>Jeffery P. Perl, PhD, PE, CHMM - Pr</u> esident
E. Federal Employer Identification No. (if you have one):36-3611547
F. Brief description of contract, transaction or other undertaking (referred to below as the "Matter") to which this EDS pertains. (Include project number and location of property, if applicable):
Phase I Scoping visit for Safety Audit and Inspection of PVS Chemicals
G. Which City agency or department is requesting this EDS? Department of Environment
If the Matter is a contract being handled by the City's Department of Procurement Services, please complete the following:
Specification # and Contract #

A. NATURE OF DISCLOSING PARTY	
<ol> <li>Indicate the nature of the Disclosing Partial</li> <li>Person</li> <li>Publicly registered business corporation</li> <li>Privately held business corporation</li> <li>Sole proprietorship</li> <li>General partnership*</li> <li>Limited partnership*</li> <li>Trust</li> </ol> * Note B.1.b below.	arty:  [ ] Limited liability company*  [ ] Limited liability partnership*  [ ] Joint venture*  [ ] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [ ] Yes  [ ] No  [ ] Other (please specify)
2. For legal entities, the state (or foreign c	country) of incorporation or organization, if applicable:
3. For legal entities not organized in the State of Illinois as a foreign ent	tate of Illinois: Has the organization registered to do tity?
[] Yes [] No	[k] N/A
B. IF THE DISCLOSING PARTY IS A LEGA	AL ENTITY:
	es of all executive officers and all directors of the entity.  all members, if any, which are legal entities. If there are  ists, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl Pre	sident and Secretary
Helen Peri Trea	asurci
Allen R. Peri Vice	c Fresident

A. NATURE OF DISCLOSING PARTY

1. Indicate the nature of the Disc	losing Party
[] Person	•
[] Publicly registered business corpo	[] Limited liability company*
Privately held business corporatio	Partietalip
[] Sole proprietorship	£ ,
[] General partnership*	[] Not-for-profit corporation
[] Limited partnership*	(Is the not-for-profit corporation also a 501(c)(3))?
[] Trust	[] Yes [] No
	[] Other (please specify)
* Note B.1.b below.	
2. For legal entities, the state (or t	foreign country) of incorporation or organization, if applicable:
	er applicable:
Illinois	
3. For legal entities not organized business in the State of Illinois as a for	in the State of Illinois: Has the organization registered to do reign entity?
[] Yes [] No	[k] N/A
B. IF THE DISCLOSING PARTY IS	A LEGAL ENTITY:
1.a. List below the full name: For not-for-profit corporations, also lis no such members, write "no members." titleholder(s).	s and titles of all executive officers and all directors of the entity of below all members, if any, which are legal entitles. If there are "For trusts, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl	President and Secretary
	To serve and occircially
	T, 000, 00
Allen R. Perl	Vice President
company ? "I in its I list 'I'.	no of foint routing of the translation of the title of th
Disclosing Party), list below the some	p" or "Joint venture" in response to Item A.1. above (Nature of
and a many, the name a	or Joint venture" in response to Item A.1. above (Nature of and title of each general partner, managing member, manager or

A. MATURE OF DISCLOSING PARTY	
1. Indicate the nature of the Disclosing F [] Person [] Publicly registered business corporation [] Privately held business corporation [] Sole proprietorship [] Ueneral partnership* [] Limited partnership* [] Trust  * Note B.1.b below.	[] Limited liability company* [] Limited liability partnership* [] Not-for-profit corporation (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes [] Not-for-profit corporation also a 501(c)(3))?
lilinois	country) of incorporation or organization, if applicable:
The state of the s	
[] Ycs [] No	Ŋ N/A
B. IF THE DISCLOSING PARTY IS A LEG	AL ENTITY:
- " " " is the profit out building, also his high minut	tles of all executive officers and all directors of the entity.  all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
Name Jeffery P. Perl Pre	Title esident and Secretary
Helen Perl Tre	easurer
Allen R. Perl Vid	ce President

[] Person	ership*	[] Limited liability company* [] Limited liability partnership* [] Not-for-profit corporation (Is the not-for-profit corporation also a 501(c)(3))? [] Yes [] No [] Other (please specify)
* Note B.1.b below	w.	·
2 For legal er	ntities the state (or foreign o	country) of incorporation or organization, if applicables
3. For legal en business in the Sta	ntities not organized in the S te of Illinois as a forcign en	tate of Illinois: Has the organization registered to do tity?
[] Yes	[] No	[x] N/A
R TETHERINGER	ONING PARTY IS A LEG	
In Time 1	halam tha full mamaa and sist	
For not for profit of no such members, stitleholder(s).  Name	halam tha full mamaa and sist	AL ENTITY:
For not for profit on such members, titleholder(s).	halam the full names and sist perpendions, also list below write "no members,". For the	AL EMTITY:  In af all accounting officer and all directors of the entity all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
For not for profit of no such members, stitleholder(s).  Name	hology the full names and side corporations, also list below write "no members,". For the	AL ENTITY:  In a full invention of the unity of the unity of the unity of members, if any, which are legal entities. If there are uses, estates or other similar entities, list below the legal  Title
For not for profit of no such members, stitleholder(s).  Name  Jeffery P. Perl	Pre	AL ENTITY:  One of all according of the entity of the legal of the entity of the entit

A. NATURE OF DISCLOSING PARTY	
<ol> <li>Indicate the nature of the Disclosing Parson</li> <li>Publicly registered business corporation</li> <li>Privately held business corporation</li> <li>Sole proprietorship</li> <li>General partnership*</li> <li>Limited partnership*</li> <li>Trust</li> </ol>	arty:  [] Limited liability company*  [] Limited liability nartnershin*  [] Joint venture*  [] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes  [] No  [] Other (please specify)
* Note B.1.b below.	
2. For legal entities, the state (or foreign of Illinois	country) of incorporation or organization, if applicable:
ousiness in the State of Illinois as a foreign en	tate of Illinois: Has the organization registered to do tity?
[] Yes [] No	N/A
B. IF THE DISCLOSING PARTY IS A LEG	AL ENTITY:
rol not-tor-profit corporations, also list below	les of all executive officers and all directors of the entity. all members, if any, which are legal entities. If there are usts, estates or other similar entities, list below the legal
Name	Title
Jeffery P. Perl Pre	esident and Secretary
Helen Perl Tre	easurer
Allen R. Perl Vic	e President

A. NATURE OF DISCLOSING PARTY	
<ol> <li>Indicate the nature of the Disclosing Partial</li> <li>Person</li> <li>Publicly registered business corporation</li> <li>Privately held business corporation</li> <li>Sole proprietorship</li> <li>General partnership*</li> <li>Limited partnership*</li> <li>Trust</li> </ol> * Note B.1.b below.	[] Limited liability company*  [] Limited liability partnership*  [] Joint venture*  [] Not-for-profit corporation  (Is the not-for-profit corporation also a 501(c)(3))?  [] Yes  [] No  [] Other (please specify)
For legal entities, the state (or foreign c     Illinois	ountry) of incorporation or organization, if applicable:
3. For legal entities not organized in the St business in the State of Illinois as a foreign ent	tate of Illinois: Has the organization registered to do
[] Yes [] No	[X] N/A
B. IF THE DISCLOSING PARTY IS A LEGA	AL ENTITY:
" " " " " " " Profit Corporations, also his minut	es of all executive officers and all directors of the entity. all members, if any, which are legal entities. If there are ists, estates or other similar entities, list below the legal
Name  Jeffery P. Peri Pre	Title sident and Secretary
Holon Dowl	asurer
Allen R. Perl Vice	e President

Name	N/A	Title
***************************************		
of such and interest of contracts of contrac	enericial interest (including owner n interest include shares in a corpo f a member or manager in a limited other similar entity. If none, state	ation concerning each person or entity having a direct or riship) in excess of 7.5% of the Disclosing Party. Examples or ation, partnership interest in a partnership or joint ventured liability company, or interest of a beneficiary of a trust, "None." NOTE: Pursuant to Section 2-154-030 of the ode"), the City may require any such additional information inded to achieve full disclosure.
Name	Business Addres	Percentage Interest in the Disclosing Party
Jeffery P	Perl 14 N. Peorla Street Suite	e 2C Chicago IL 60607 100%
Has the	Disclosing Party had a "business i	SHIPS WITH CITY ELECTED OFFICIALS relationship," as defined in Chapter 2-156 of the Municipa 2 months before the date this EDS is signed?
[]Yes		- montais before the date this ED3 is signed!
f yes, plea elationshi	ase identify below the name(s) of s ip(s):  N/A	such City elected official(s) and describe such

The Disclosing Party must disclose the name and business address of each subcontractor, attorney, lobbyist, accountant, consultant and any other person or entity whom the Disclosing Party has retained or expects to retain in connection with the Matter, as well as the nature of the relationship, and the total

amount of the fees paid or estimated to be paid. The Disclosing Party is not required to disclose employees who are paid solely through the Disclosing Party's regular payroll.

"Lobbyist" means any person or entity who undertakes to influence any legislative or administrative action on behalf of any person or entity other than: (1) a not-for-profit entity, on an unpaid basis, or (2) himself. "Lobbyist" also means any person or entity any part of whose duties as an employee of another includes undertaking to influence any legislative or administrative action.

If the Disclosing Party is uncertain whether a disclosure is required under this Section, the Disclosing Party must either ask the City whether disclosure is required or make the disclosure.

Name Business Relationship to Disclosing Party Fees (indicate whether Address (subcontractor, attorney, (indicate whether retained or anticipated lobbyist, etc.) paid or estimated) to be retained) Stanley Yoslov 1313 Ritchie Court Chicago 606XX Subcontractor \$ 1000.00 Raja Venkateswar, PhD, PE, CHMM 1042 W.186th Pl. Homewood 60430 IL, Subcontractor, \$ 1500.00 14 N. Peoria St Ste 2C Chicago, Attorney Allen R. Perl. JD. (Add sheets if necessary) [] Check here if the Disclosing party has not retained, nor expects to retain, any such persons or entities.

### SECTION V -- CERTIFICATIONS

### A. COURT-ORDERED CHILD SUPPORT COMPLIANCE

Under Municipal Code Section 2-92-415, substantial owners of business entities that contract with the City must remain in compliance with their child support obligations throughout the term of the contract.

Has any person who directly or indirectly owns 10% or more of the Disclosing Party been declared in arrearage on any child support obligations by any Illinois court of competent jurisdiction?

[] Yes [] No person owns 10% or more of the Disclosing Party. XI No

If "Yes," has the person entered into a court-approved agreement for payment of all support owed and is the person in compliance with that agreement?

[ ] Yes []No N/A

### B. FURTHER CERTIFICATIONS

- 1. The Disclosing Party and, if the Disclosing Party is a legal entity, all of those persons or entities identified in Section II.B.1. of this EDS:
  - a. are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from any transactions by any federal, state or local unit of government;
  - b. have not, within a five-year period preceding the date of this EDS, been convicted of a criminal offense, adjudged guilty, or had a civil judgment rendered against them in connection with: obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction; a violation of federal or state antitrust statutes; fraud; embezzlement; theft; forgery; bribery; falsification or destruction of records; making false statements; or receiving stolen property;
  - c. are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in clause B.1.b. of this Section V;
  - d. have not, within a five-year period preceding the date of this EDS, had one or more public transactions (federal, state or local) terminated for cause or default; and
- e. have not, within a five-year period preceding the date of this EDS, been convicted, adjudged guilty, or found liable in a civil proceeding, or in any criminal or civil action, including actions concerning environmental violations, instituted by the City or by the federal government, any state, or any other unit of local government.
- 2. The certifications in subparts 2, 3 and 4 concern:
- the Disclosing Party;
- any "Applicable Party" (meaning any party participating in the performance of the Matter, including but not limited to any persons or legal entities disclosed under Section IV, "Disclosure of Subcontractors and Other Retained Parties");
- any "Affiliated Entity" (meaning a person or entity that, directly or indirectly: controls the Disclosing Party, is controlled by the Disclosing Party, or is, with the Disclosing Party, under common control of another person or entity. Indicia of control include, without limitation: interlocking management or ownership; identity of interests among family members, shared facilities and equipment; common use of employees; or organization of a business entity following the ineligibility of a business entity to do business with federal or state or local government, including the City, using substantially the same management, ownership, or principals as the ineligible entity); with respect to Applicable Parties, the term Affiliated Entity means a person or entity that directly or indirectly controls the Applicable Party, is controlled by it, or, with the Applicable Party, is under common control of another person or entity;

• any responsible official of the Disclosing Party, any Applicable Party or any Affiliated Entity or any other official, agent or employee of the Disclosing Party, any Applicable Party or any Affiliated Entity, acting pursuant to the direction or authorization of a responsible official of the Disclosing Party, any Applicable Party or any Affiliated Entity (collectively "Agents").

Neither the Disclosing Party, nor any Applicable Party, nor any Affiliated Entity of either the Disclosing Party or any Applicable Party nor any Agents have, during the five years before the date this EDS is signed, or, with respect to an Applicable Party, an Affiliated Entity, or an Affiliated Entity of an Applicable Party during the five years before the date of such Applicable Party's or Affiliated Entity's contract or engagement in connection with the Matter:

- a. bribed or attempted to bribe, or been convicted or adjudged guilty of bribery or attempting to bribe, a public officer or employee of the City, the State of Illinois, or any agency of the federal government or of any state or local government in the United States of America, in that officer's or employee's official capacity;
- b. agreed or colluded with other bidders or prospective bidders, or been a party to any such agreement, or been convicted or adjudged guilty of agreement or collusion among bidders or prospective bidders, in restraint of freedom of competition by agreement to bid a fixed price or otherwise; or
- c. made an admission of such conduct described in a. or b. above that is a matter of record, but have not been prosecuted for such conduct; or
- d. violated the provisions of Municipal Code Section 2-92-610 (Living Wage Ordinance).
- 3. Neither the Disclosing Party, Affiliated Entity or Applicable Party, or any of their employees, officials, agents or partners, is barred from contracting with any unit of state or local government as a result of engaging in or being convicted of (1) bid-rigging in violation of 720 ILCS 5/33E-3; (2) bid-rotating in violation of 720 ILCS 5/33E-4; or (3) any similar offense of any state or of the United States of America that contains the same elements as the offense of bid-rigging or bid-rotating.
- 4. Neither the Disclosing Party nor any Affiliated Entity is listed on any of the following lists maintained by the Office of Foreign Assets Control of the U.S. Department of the Treasury or the Bureau of Industry and Security of the U.S. Department of Commerce or their successors: the Specially Designated Nationals List, the Denied Persons List, the Unverified List, the Entity List and the Debarred List.
- 5. The Disclosing Party understands and shall comply with (1) the applicable requirements of the Governmental Ethics Ordinance of the City, Title 2, Chapter 2-156 of the Municipal Code; and (2) all the applicable provisions of Chapter 2-56 of the Municipal Code (Office of the Inspector General).

6. If the Disclosing Party is unable to certify to any of the above statements in this Part B (Further Certifications), the Disclosing Party must explain below:		
N/A		

If the letters "NA," the word "None," or no response appears on the lines above, it will be conclusively presumed that the Disclosing Party certified to the above statements.

### C. CERTIFICATION OF STATUS AS FINANCIAL INSTITUTION

For purposes of this Part C, under Municipal Code Section 2-32-455(b), the term "financial institution" means a bank, savings and loan association, thrift, credit union, mortgage banker, mortgage broker, trust company, savings bank, investment bank, securities broker, municipal securities broker, securities dealer, municipal securities dealer, securities underwriter, municipal securities underwriter, investment trust, venture capital company, bank holding company, financial services holding company, or any licensee under the Consumer Installment Loan Act, the Sales Finance Agency Act, or the Residential Mortgage Licensing Act. However, "financial institution" specifically shall not include any entity whose predominant business is the providing of tax deferred, defined contribution, pension plans to public employees in accordance with Sections 403(b) and 457 of the Internal Revenue Code. (Additional definitions may be found in Municipal Code Section 2-32-455(b).)

#### 1. CERTIFICATION

The Disclosing Party certifies that the Disclosing Party (check one)

[] is M is not

- a "financial institution" as defined in Section 2-32-455(b) of the Municipal Code.
  - 2. If the Disclosing Party IS a financial institution, then the Disclosing Party pledges:

"We are not and will not become a predatory lender as defined in Chapter 2-32 of the Municipal Code. We further pledge that none of our affiliates is, and none of them will become, a predatory lender as defined in Chapter 2-32 of the Municipal Code. We understand that becoming a predatory lender or becoming an affiliate of a predatory lender may result in the loss of the privilege of doing business with the City."

If the Disclosing Party is unable to make this pledge because it or any of its affiliates (as defined in Section 2-32-455(b) of the Municipal Code) is a predatory lender within the meaning of Chapter

N/A			
If the letters "NA conclusively pre-	I," the word "None sumed that the Disc	e," or no respons closing Party ce	se appears on the lines above, it will be rtified to the above statements.
D. CERTIFICA	TION REGARDIN	G INTEREST I	IN CITY BUSINESS
Any words or ter meanings when t	ms that are defined used in this Part D.	l in Chapter 2-1:	56 of the Municipal Code have the same
1. In accordation of the City have a entity in the Matt		-156-110 of the in his or her ow	Municipal Code: Does any official or employee n name or in the name of any other person or
NOTE: If you cl Item D.I., procee	necked "Yes" to Ite d to Part E.	em D.1., proceed	d to Items D.2. and D.3. If you checked "No" to
any other person of for taxes or assess "City Property Sal	or entity in the purc sments, or (iii) is so le"). Compensation	thase of any proposed by virtue of l	tive bidding, or otherwise permitted, no City sterest in his or her own name or in the name of perty that (i) belongs to the City, or (ii) is sold legal process at the suit of the City (collectively, ken pursuant to the City's eminent domain power aning of this Part D.
Does the Matter ir	nvolve a City Prope	erty Sale?	
[] Yes	[ ] No	N/A	
3. If you chech officials or employ	ked "Yes" to Item I ees having such in	D.1., provide the terest and identi	e names and business addresses of the City ify the nature of such interest:
Name	Business	Address	Nature of Interest
N/A	-		

### E. CERTIFICATION REGARDING SLAVERY ERA BUSINESS

The Disclosing Party has searched any and all records of the Disclosing Party and any and all predecessor entities for records of investments or profits from slavery, the slave industry, or slaveholder insurance policies from the slavery cra (including insurance policies issued to slaveholders that provided coverage for damage to or injury or death of their slaves) and has disclosed in this EDS any and all such records to the City. In addition, the Disclosing Party must disclose the names of any and all slaves or slaveholders described in those records. Failure to comply with these disclosure requirements may make the Matter to which this EDS pertains voidable by the City.

### SECTION VI -- CERTIFICATIONS FOR FEDERALLY-FUNDED MATTERS

NOTE: If the Matter is federally funded, complete this Section VI. If the Matter is not federally funded, proceed to Section VII.

#### A. CERTIFICATION REGARDING LOBBYING

1. List below the names of all persons or entities registered under the federal Lobbying Disclosure Act of 1995 who have made lobbying contacts on behalf of the Disclosing Party with respect to the Matter: (Begin list here, add sheets as necessary):	
N/A	_

(If no explanation appears or begins on the lines above, or if the letters "NA" or if the word "None" appear, it will be conclusively presumed that the Disclosing Party means that NO persons or entities registered under the Lobbying Disclosure Act of 1995 have made lobbying contacts on behalf of the Disclosing Party with respect to the Matter.)

- 2. The Disclosing Party has not spent and will not expend any federally appropriated funds to pay any person or entity listed in Paragraph A.1. above for his or her lobbying activities or to pay any person or entity to influence or attempt to influence an officer or employee of any agency, as defined by applicable federal law, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress, in connection with the award of any federally funded contract, making any federally funded grant or loan, entering into any cooperative agreement, or to extend, continue, renew, amend, or modify any federally funded contract, grant, loan, or cooperative agreement.
- 3. The Disclosing Party will submit an updated certification at the end of each calendar quarter in which there occurs any event that materially affects the accuracy of the statements and information set forth in paragraphs A.1. and A.2. above.

If the Matter is federally funded and any funds other than federally appropriated funds have been or will be paid to any person or entity for influencing or attempting to influence an officer or employee of any agency (as defined by applicable federal law), a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the Matter, the Disclosing Party must complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. The form may be obtained online from the federal Office of Management and Budget (OMB) web site at http://www.whitehouse.gov/omb/grants/sflllin.pdf, linked on the page http://www.whitehouse.gov/omb/grants/grants\_forms.html.

- 4. The Disclosing Party certifies that either: (i) it is not an organization described in section 501(c)(4) of the Internal Revenue Code of 1986; or (ii) it is an organization described in section 501(c)(4) of the Internal Revenue Code of 1986 but has not engaged and will not engage in "Lobbying Activities".
- 5. If the Disclosing Party is the Applicant, the Disclosing Party must obtain certifications equal in form and substance to paragraphs A.1. through A.4. above from all subcontractors before it awards any subcontract and the Disclosing Party must maintain all such subcontractors' certifications for the duration of the Matter and must make such certifications promptly available to the City upon request.

### B. CERTIFICATION REGARDING EQUAL EMPLOYMENT OPPORTUNITY

If the Matter is federally funded, federal regulations require the Applicant and all proposed subcontractors to submit the following information with their bids or in writing at the outset of negotiations.

Is the Disclosing Party th	ne Applicar	nt?
[]Yes	[] No	N/A
If "Yes," answer the thre	e questions	s below:
applicable federal regula	ed and do tions? (See	you have on file affirmative action programs pursuant to e 41 CFR Part 60-2.)
[] Yes	[] No	N/A
Contract Compliance Prounder the applicable filin  [] Yes	grams, or i	
	ated in any	previous contracts or subcontracts subject to the
[] Yes	[] No	N/A
If you checked "No" to q	uestion 1. c	or 2. above, please provide an explanation:

# SECTION VII - ACKNOWLEDGMENTS, CONTRACT INCORPORATION, COMPLIANCE, PENALTIES, DISCLOSURE

The Disclosing Party understands and agrees that:

- A. By completing and filing this EDS, the Disclosing Party acknowledges and agrees, on behalf of itself and the persons or entities named in this EDS, that the City may investigate the creditworthiness of some or all of the persons or entities named in this EDS.
- B. The certifications, disclosures, and acknowledgments contained in this EDS will become part of any contract or other agreement between the Applicant and the City in connection with the Matter, whether procurement, City assistance, or other City action, and are material inducements to the City's execution of any contract or taking other action with respect to the Matter. The Disclosing Party understands that it must comply with all statutes, ordinances, and regulations on which this EDS is based.
- C. The City's Governmental Ethics and Campaign Financing Ordinances, Chapters 2-156 and 2-164 of the Municipal Code, impose certain duties and obligations on persons or entities seeking City contracts, work, business, or transactions. The full text of these ordinances and a training program is available on line at <a href="https://www.cityofchicago.org/Ethics">www.cityofchicago.org/Ethics</a>, and may also be obtained from the City's Board of Ethics, 740 N. Sedgwick St., Suite 500, Chicago, IL 60610, (312) 744-9660. The Disclosing Party must comply fully with the applicable ordinances.

- D. If the City determines that any information provided in this EDS is false, incomplete or inaccurate, any contract or other agreement in connection with which it is submitted may be rescinded or be void or voidable, and the City may pursue any remedies under the contract or agreement (if not rescinded, void or voidable), at law, or in equity, including terminating the Disclosing Party's participation in the Matter and/or declining to allow the Disclosing Party to participate in other transactions with the City. Remedies at law for a false statement of material fact may include incarceration and an award to the City of treble damages.
- E. It is the City's policy to make this document available to the public on its Internet site and/or upon request. Some or all of the information provided on this EDS and any attachments to this EDS may be made available to the public on the Internet, in response to a Freedom of Information Act request, or otherwise. By completing and signing this EDS, the Disclosing Party waives and releases any possible rights or claims which it may have against the City in connection with the public release of information contained in this EDS and also authorizes the City to verify the accuracy of any information submitted in this EDS.
- F. The information provided in this EDS must be kept current. In the event of changes, the Disclosing Party must supplement this EDS up to the time the City takes action on the Matter. If the Matter is a contract being handled by the City's Department of Procurement Services, the Disclosing Party must update this EDS as the contract requires.

The Disclosing Party represents and warrants that:

G. The Disclosing Party has not withheld or reserved any disclosures as to economic interests in the Disclosing Party, or as to the Matter, or any information, data or plan as to the intended use or purpose for which the Applicant seeks City Council or other City agency action.

For purposes of the certifications in H.1. and H.2. below, the term "affiliate" means any person or entity that, directly or indirectly: controls the Disclosing Party, is controlled by the Disclosing Party, or is, with the Disclosing Party, under common control of another person or entity. Indicia of control include, without limitation: interlocking management or ownership; identity of interests among family members; shared facilities and equipment; common use of employees; or organization of a business entity following the ineligibility of a business entity to do business with the federal government or a state or local government, including the City, using substantially the same management, ownership, or principals as the ineligible entity.

- H.1. The Disclosing Party is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, nor are the Disclosing Party or its affiliates delinquent in paying any fine, fee, tax or other charge owed to the City. This includes, but is not limited to, all water charges, sewer charges, license fees, parking tickets, property taxes or sales taxes.
- H.2 If the Disclosing Party is the Applicant, the Disclosing Party and its affiliates will not use, nor permit their subcontractors to use, any facility on the U.S. EPA's List of Violating Facilities in connection with the Matter for the duration of time that such facility remains on the list.

H.3 If the Disclosing Party is the Applicant, the Disclosing Party will obtain from any contractors/subcontractors hired or to be hired in connection with the Matter certifications equal in form and substance to those in H.1. and H.2. above and will not, without the prior written consent of the City, use any such contractor/subcontractor that does not provide such certifications or that the Disclosing Party has reason to believe has not provided or cannot provide truthful certifications.

NOTE: If the Disclosing Party cannot certify as to any of the items in H.1., H.2. or H.3. above, an explanatory statement must be attached to this EDS.

#### CERTIFICATION

Under penalty of perjury, the person signing below: (1) warrants that he/she is authorized to execute this EDS on behalf of the Disclosing Party, and (2) warrants that all certifications and statements contained in this EDS are true, accurate and complete as of the date furnished to the City.

Chicago Chem Consultants Corp	Date: June 12, 2006
(Print or type name of Disclosing Party)	Date: 04116-12, 2000
Jeffy P.Parl	
(sign here)	
Jeffery P. Perl, PhD, PE, CHMM	
(Print or type name of person signing)	
President	
(Print or type title of person signing)	
Signed and sworn to before me on (date) June at Cook County, Illinois (st	12, 2006 , by <u>Allen R. Perl</u>
Commission expires: No.	Official Seal Allen R Perl Notary Public State of Illinois My Commission Expires 02/05/2009