



Req 13042

**Med-Eng Systems Inc.**

2400 St. Laurent Blvd.  
Ottawa, Ontario, Canada  
K1G 6C4  
Tel: 613-739-9646  
Fax: 613-739-4536  
E-mail: info@med-eng.com  
Website: www.med-eng.com



**QUOTATION**

**Customer:**

CHICAGO POLICE DEPARTMENT  
BOMB & ARSON SECTION  
MICHAEL.GERHARDSTEIN@CHICAGOPOLICE.ORG  
CHICAGO, IL  
USA  
SGT MIKE GERHARDSTEIN

QUOTE ID
Q04-0296
CUSTOMER ID

DATE	PAYMENT TERMS	DELIVERY	SHIPPING TERMS	CURRENCY	VALIDITY
03/02/2004	Net 30	10 wks a.r.o.	DESTINATION	US DOLLARS	06/02/2004

ITEM NO.	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE
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1 910-003 EOD-8 SUIT SM  
Includes suit jacket with improved overpressure and fragmentation protection, blast attenuation liners, chest and sliding groin plates, integrated groin protector (IGP), trousers (with built-in high absorbing back protector), pre-curved protective inserts in the thighs and lower legs, toe grounder strap, carrying bag with shoulder straps and handles.  
Fits size: 5'2" to 5'8" (157 cm to 173 cm)  
Weight: 110 lbs to 150 lbs (50 kg to 68kg)

Qty: 1      \$9,964.00      \$9,964.00



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----------	-------------	-----	------------	-------------

2	910-002 EOD-8 HELMET The EOD-8 helmet includes a visor with surrounding foam gasket which has full surface contact to the helmet which improves head acceleration damping effects in the event of a blast, an intelligent microprocessor driven power supply which accepts rechargeable or non-rechargeable batteries, a fully integrated environmental awareness system with an automatic gain (volume) control feature that automatically reduces noise level; helmet retention system which is used to balance the helmet's weight; increased optical viewing peripheral using a smaller sized visor	Qty: 1	\$4,945.00	\$4,945.00
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03/02/2004



APRIL 2003

## SOLE SOURCE VENDOR STATEMENT

This letter is to certify that Med-Eng System Inc. is the manufacturer and direct dealer for our EOD Protective Equipment in North America. This equipment would include the EOD-8<sup>(D)</sup> Suit and Helmet, SRS-5<sup>(D)</sup> Suit and Helmet, Basic visor and Chem/Bio Visor.

In 1995, the EOD-7B<sup>(TM)</sup> bomb disposal suit/helmet system was introduced and set a new standard of protection for EOD/IEDD protective systems. In 1999, Med-Eng introduced the highly advanced and user friendly EOD-8<sup>(D)</sup> suit. The EOD-8 Helmet first production run was launched in December 2000, and the EOD-8 helmet went into final production in May 2001.

The flexible and versatile SRS5 Light Weight Explosive Protection System was presented for both mine clearance duties and police operations where Bio-Chemical explosive devices are suspected.

Other ensembles available from Med-Eng are: V-Top<sup>(R)</sup> Crowd Control Protective System, a unique HDE demining Ensemble and a revolutionary Anti-Personnel Mine Foot Protection System. (Patents pending)

### OTHER ACCESSORIES:

Like all Med-Eng suits, the above are compatible with Body Cooling Systems. Med-Eng is the world wide distributor of the BCS3-A and BCS3-R Body Cooling Systems to the EOD community. HW-300 is designed specifically to meet the stringent requirements of Explosive Disposal Teams. The HW-300 is fully compatible with the Med-Eng EOD Series Helmets. The Med-Eng search lights, SL-307B and SL-SRS5 for our helmets and protective ballistic gloves are other options available from the EOD product line.

### REMOTE HANDLING TOOLS

Since 1998, Med-Eng Systems has been the Proprietor and Sole Distributor in North America for the Med-Eng Remote Handling Tools.

Remote handling equipment and tools that complement robotic vehicles or that may be used independently in a stand-alone configuration are available from Med-Eng Systems allowing the user to maintain minimum safety distances from a suspected device.

Tools such as the EOD Shields and the Advantage Hook and Line Kit and the Hazardous Devices Technicians Tool Kit, have aided in minimizing human exposure to an explosive device and improves operational flexibility.

We have (1) year warranty on Med-Eng equipment. All service repairs are performed at our facility only in Ottawa, Ontario, Canada by authorized Med-Eng technicians.



### Med-Eng Systems Inc.

2400 St. Laurent Blvd., Ottawa, ON Canada K1G 6C4

Tel: 1 (613) 739-9646 Toll Free (US and Canada): 1 (800) 644-9078 Fax: 1 (613) 739-4536

www.med-eng.com info@med-eng.com





## EOD-8 Explosive Ordnance Disposal Suit and Helmet Ensemble

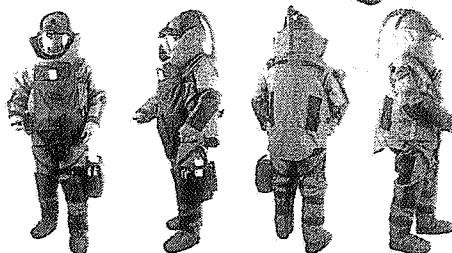
The patented EOD-8 suit and helmet is the most advanced EOD/IEDD protective ensemble ever designed. The suit represents significant increases in Overpressure protection, particularly against ground-reflected blast waves. Fragmentation and Heat protection have been greatly enhanced and impact protection has also been improved.

Many of these gains have resulted from the EOD-8's front and rear 'full body protection' design and the use of new and innovative materials. The EOD-8 also includes an Integrated Groin Protector.

In addition, a primary advantage of the EOD-8 is the flexibility and mobility it offers. The EOD-8 has been modelled on the SRS-5 platform design and therefore allows for longer on-scene working times with less physical effort.

### Primary Features

- ▶ Improved levels of balanced protection (see above)
- ▶ Greater range of motion over EOD-7B generation
- ▶ Retractable groin plate for easier kneeling
- ▶ Integrates with BCS-3 Body Cooling System, HW-300 and wireless communication systems - please contact Med-Eng Systems for details
- ▶ Removable ballistic inserts for cleaning suit
- ▶ Colour-coded Velcro™ to ensure proper dressing
- ▶ 360° Protection



### Recommended Accessories

Please refer to the EOD Accessories Section for more information.

- |   |   |
|---|---|
| <b>BCS-3 Body Cooling System</b>            | <b>Chemical Protective Undergarment</b> |
| <b>HW-300 Hardwire Communication System</b> | <b>EOD-8 Ballistic Visor Cover</b>      |
| <b>Hand Protection System</b>               | <b>SRS-5 Helmet with Chem/Bio visor</b> |
| <b>SL-307 Search Light</b>                  |   |
| <b>Auxiliary Battery Pack</b>               |   |

# EOD-8<sup>®</sup>



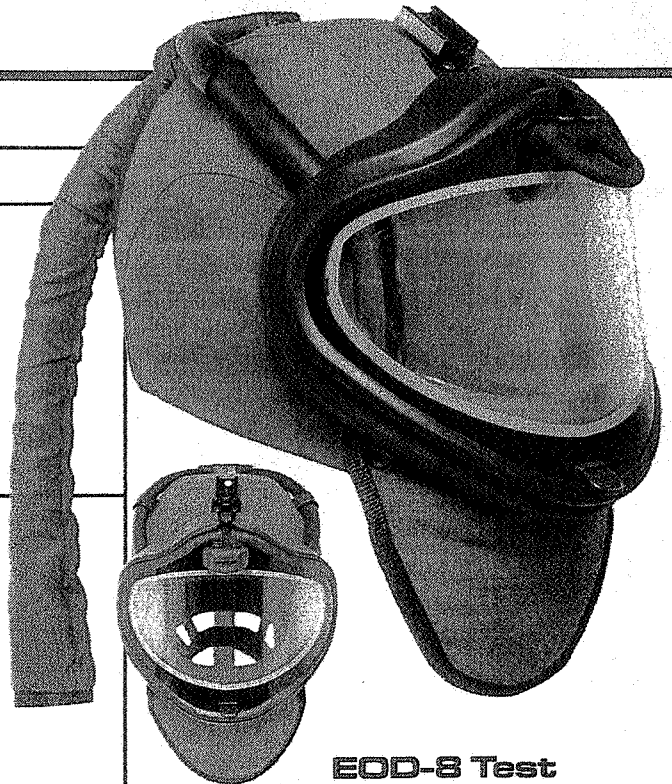
*EOD Technician placing a disruptor beside suspect device using the Holistic Robotic Manipulator.*

## EOD-8<sup>®</sup> Helmet

The patented EOD-8 Helmet is a full-face helmet with a floating visor system. This latest generation helmet represents the industry's highest degree of balanced protection against the 4 major blast threats.

### Primary Features

- ▶ Increased protection against blast-induced head acceleration
- ▶ Redesigned retention system for improved balance and fit
- ▶ Improved integration with suit collar for greater field of view
- ▶ Improved Environmental Awareness System
- ▶ Provides integrated speakers and microphone
- ▶ EOD-8 Helmet Electronics meet:  
MIL-STD-810D 501.2 (High Temp.)  
MIL-STD-810D 502.2 (Low Temp.)  
MIL-STD-810D 514.3 (Vibration)

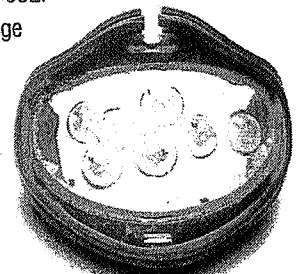


## EOD-8 Test Results

Med-Eng Systems has conducted an extensive test and evaluation program (laboratory and full scale) on the EOD-8 ensemble in conjunction with law enforcement, military, industrial, academic and government partners.

Full-scale blast testing with instrumented anthropomorphic mannequins, carried out at Canadian Defence Research Establishments, has quantified the ability of the EOD-8 ensemble to dramatically reduce the potential for thoracic overpressure injury and accelerative impact injuries, as compared to earlier generation bomb suits.

Similarly, the EOD-8 has been thoroughly tested against fragmentation threats, using the NATO STANAG 2920 or MIL-STD-662F test specification and a range of fragment simulators, including the 2, 4, 16, 17 and 64 grain fragment simulators. The EOD-8 suit panels have also been tested against Heat-related threats.



*EOD-8 Visor following fragmentation testing.*

## EOD-8 Chemical/Biological (C/B) EOD/IEDD Protective Compatibility

The EOD-8 can be worn for Chem/Bio blast protection but **must** be worn with a Chemical Protective Undergarment (such as the CPU), the SRS-5 X-Large Helmet with Chem-Bio visor, respirator or SCBA, and appropriate boots and gloves.



For EOD-8 Product Specifications, please visit [www.med-eng.com/eod](http://www.med-eng.com/eod)



**Lenore Hickey**

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**From:** Esther Kong  
**Sent:** Tuesday, March 02, 2004 11:45 AM  
**To:** Lenore Hickey  
**Subject:** FW: Q04-0247

-----Original Message-----

**From:** Gerhardstein, Michael C. [mailto:Michael.Gerhardstein@chicagopolice.org]  
**Sent:** Tuesday, March 02, 2004 11:33 AM  
**To:** info@med-eng.com  
**Subject:** Q04-0247

Lenore

My purchasing department requested that the quote be limited to items #3 and #4 / (EOD- Suit SM and helmet.) Could you then total these items, sign the quote and send it to me via regular mail? If you have any questions please call /e-mail.

Thanks, Mike Gerhardstein

Hi Mike,

Here is your revised  
quote.  
Have a great day.

Lenore

**CITY OF CHICAGO  
PURCHASE REQUISITION**

**Copy (Department)**

<b>DELIVER TO:</b>  801 BOMB & ARSON SECTION 3340 W. FILLMORE Chicago, IL	<b>REQUISITION:</b> 13042  <b>PAGE:</b> <b>DEPARTMENT:</b> 1 <b>PREPARER:</b> 57 - DEPARTMENT OF POLICE Joyce L Maxwell <b>NEEDED:</b> <b>PRE-APPROVE</b>
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**REQUISITION DESCRIPTION**

SOLE SOURCE - STANDARD PO - BOMB SUIT & HELMET  
 SPECIFICATION NUMBER: 22597

**COMMODITY INFORMATION**

LINE	ITEM	QUANTITY	UOM	UNIT COST	TOTAL COST						
1	68022 EOD-8 BOMB SUIT SIZE SMALL	1	Each	9,964.00	9,964.00						
<b>SUGGESTED VENDOR:</b> MED-ENG SYSTEMS INC		<b>REQUESTED BY:</b> Mike Gerhardstein									
<b>DIST</b>	<b>BFY</b>	<b>FUND</b>	<b>COST CTR</b>	<b>APPR</b>	<b>ACCNT</b>	<b>ACTV</b>	<b>PROJECT</b>	<b>RPT CAT</b>	<b>GENRL</b>	<b>FUTR</b>	
1	002	0244	0571005	0345	220345	0000	00000000	02Y631	00000	0000	9,964.00
<b>LINE TOTAL:</b>											<b>9,964.00</b>
2	68022 EOD-8 BOMB HELMET	1	Each	4,945.00	4,945.00						
<b>SUGGESTED VENDOR:</b> MED-ENG SYSTEMS INC		<b>REQUESTED BY:</b> Mike Gerhardstein									
<b>DIST</b>	<b>BFY</b>	<b>FUND</b>	<b>COST CTR</b>	<b>APPR</b>	<b>ACCNT</b>	<b>ACTV</b>	<b>PROJECT</b>	<b>RPT CAT</b>	<b>GENRL</b>	<b>FUTR</b>	
1	002	0244	0571005	0345	220345	0000	00000000	02Y631	00000	0000	4,945.00
<b>LINE TOTAL:</b>											<b>4,945.00</b>
<b>REQUISITION TOTAL:</b>											<b>14,909.00</b>



# CPAC PROJECT CHECKLIST

For CPAC Team Use Only

Date Received \_\_\_\_\_  
 Date Returned \_\_\_\_\_  
 Date Accepted \_\_\_\_\_

**IMPORTANT:** PLEASE READ AND FOLLOW THE INSTRUCTIONS FOR COMPLETING THE PROJECT CHECKLIST AND CONTACT THE APPROPRIATE TEAM LEADER IF YOU HAVE ANY FURTHER QUESTIONS. ALL INFORMATION SHOULD BE COMPLETED INCLUDING THE SUPPLEMENTAL CHECKLIST REQUIRED BY THE SPECIFIC CPAC TEAM. 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.

**PROJECT**

Date: 3-19-04  
 ID No.: (Spec, Project) : REQ 13042  
 Department: Police  
 Bureau: \_\_\_\_\_  
 Contract No.:(if known): \_\_\_\_\_  
 Estimated Value \$ 14,909.00  
 Project Title/Description: SOLE SOURCE – STANDARD PO - MED-ENG SYSTEMS, INC. BOMB SUIT

Contact Person: Joyce Maxwell  
 Phone 5-5794 Fax: 5-6841 E-mail: \_\_\_\_\_  
 Project Manager: SGT. GERHARDSTEIN  
 Tel: 6-7619 E-mail: \_\_\_\_\_  
 Modification No.:(if known): \_\_\_\_\_

   Attached is a detailed scope of services and/or specification

**IMPORTANT:** THIS IS A CRITICAL PORTION OF YOUR SUBMITTAL. IN ORDER FOR A TEAM TO ACCEPT YOUR SUBMITTAL YOU MUST COMPLETE ALL TEAM SPECIFIC SCOPE REQUIREMENTS AS SET FORTH IN THE SUPPLEMENTAL CHECKLIST FOR THAT TEAM.

The following is a general description of what would be included in a Scope of Services or Specification:  
 A clear description of all anticipated services and products, including: time frame for completion, special qualifications of prospective vendors, special requirements or needs of the project, locations, anticipated participating user departments, citation of any applicable City ordinance or state/federal regulation or statute..

**TYPE OF PROCUREMENT REQUESTED (check all that apply)**

Competitive Bid         RFQ/RFP/RFS/RFI      Sole Source\*\*      Term Agreement      One Shot  
 Mod/Amendment      Time Extension         Additional Funding      Small Order         S/O Emergency

FORMS         F-25\* (add line item)         F-10\* (special approvals)         SSRB\*\* (sole source approval)  
                     F-26\* (new term agreement)      RX (one-shot requisition)         OBM Authorization  
                     F-27\* (time extension)         APRF (all purpose request form)  
                     F-29\* (change vendor limit)

\* Additional F-forms may be required-refer to attached list      \*\* Sole source requests must include vendor quotes/proposal and MBE/WBE compliance requirements

**FUNDING**

City:                      Corporate         Bond         Enterprise         Grant\*      Other\_  
 State:                       IDOT/Transit         IDOT/Highway         Grant\*      Other\_  
 Federal:                   FHWA         FTA         FAA      Grant\*      Other\_

LINE	FY	FUND	DEPT	ORGN	APPR	ACTV	OBJT	PROJECT	RPTG	DOLLAR AMOUNT
01	002	0244	057	1005	0345		0345			\$14,909.00

Total: \$14,909.00

Each copy of any applicable grant agreement terms and conditions

**TIME FRAME**

Date Needed: ASAP      Requested Contract Trm (y/m/d): ONE-SHOT

**PRE BID/SUBMITTAL REQUIREMENTS**

Requesting Pre Bid/Submittal Conference? Yes    No    Requesting Conference be Mandatory?    Yes    No     
 Requesting Site Visit?    Yes    NO    Requesting Site Visit be Mandatory?    Yes    No

# CPAC PROJECT CHECKLIST

## ARCHITECTURAL/ENGINEERING SUPPLEMENTAL CHECKLIST

**Required Attachments:** Scope of Services, including location, description of project, services required, deliverables, and other information as required

### Risk Management

Will services be performed within 50 feet of CTA train or other railroad property?  Yes  No

Will services be performed on or near a waterway?  Yes  No

**Pre-Qualification** Category No. \_\_\_\_\_ Category Description: \_\_\_\_\_

For Pre-Qualification Program, attach list of suggested firms to be solicited

**Other Agency Concurrence Required:**  None  State  Federal  Other (fill in) \_\_\_\_\_

## AVIATION CONSTRUCTION SUPPLEMENTAL CHECKLIST

ACT Supplemental Checklist

### DOA

DOA sign-off for final design documents:  Yes  No

### Required Attachments:

Copy of Draft Contract Documents and Detailed Specifications.

### Risk Management:

Current Insurance Requirements prepared/approved by Risk Management: Yes  No

Will work be performed within 50 feet of CTA or ATS structure or property? Yes  No

Will work be performed airside? Yes  No

## BUSINESS CONSULTING SUPPLEMENTAL CHECKLIST

Detailed description of project listing obligations of each party.

The Schedule of Compensation

Deliverables

Request for individual contract services (if applicable)

The appropriate EPS form(s)

## COMMODITIES SUPPLEMENTAL CHECKLIST

### Required attachments:

Copies of price lists, catalogs, drawings, variations of part numbers

Any other exhibits or attachments

## CONSTRUCTION SUPPLEMENTAL CHECKLIST

### Required attachments: Copy of Draft (80% Completion)

Copy of Draft (80% Completion) Contract Documents and Detailed Specifications

### Risk Management

Will services be performed within 50 feet of CTA train or other railroad property?  Yes  No

Will services be performed on or near a waterway?  Yes  No

## DELEGATE AGENCY SUPPLEMENTAL CHECKLIST

### Required attachments:

Attach Scope of Services that includes the following information 1) Program background & objectives; 2) Type of services for which proposals are sought; 3) Location and time line for delivery of services; 4) Qualifications, skills, and/or experience necessary; 5) Special licenses or certifications required; 6) Evaluation process (if known).

### Other Attachments (please submit all that apply)

1. Copy of grant application and/or grant agreement
2. Evidence of award authority (DAAC agenda with agency name highlighted; City Council ordinance with agency name highlighted; or OBM letter)
3. Modification information (Copy of Form F-8A; screen print of EPS AWDS table)

Does program require Executive Order 91-1 clearance?  Yes  No

Is boilerplate from Law available or in production?  Yes  No

Would your department benefit from technical assistance?  Yes  No



# PROJECT CHECKLIST

## HARDWARE/SOFTWARE SUPPLEMENTAL CHECKLIST

ITSC (approved by BIS)

OBM (approved by Budget form/memo)

Attach any documentation indicating any previous purchase activity to assist in the procurement process

Grant document attached

## LARGE CONSTRUCTION SUPPLEMENTAL CHECKLIST

**Required attachments: Copy of Draft (80% Completion)**

Copy of Draft (80% Completion) Contract Documents and Detailed Specifications

### Risk Management

Will services be performed within 50 feet of CTA train or other railroad property?

Yes  No

Will services be performed on or near a waterway?

Yes  No

## PROFESSIONAL SERVICES SUPPLEMENTAL CHECKLIST

Detailed description of project listing obligations of each party.

The Schedule of Compensation

Deliverables

Request for individual contract services (if applicable)

The appropriate EPS form

## SMALL ORDERS SUPPLEMENTAL CHECKLIST

Yes No

1. Special Approval Form/Justification Letter.

e.g. (Emergency Contract, Telecommunication Back-up documents, Proposals, EPS Form F-10, etc.).

2. Suggested Vendor.

3. Commodity Code, Manufacturer, Catalog Information, Model No., Quantity, Unit Cost/Measure, Color etc.,

4. Detailed Specification or Scope of Work.

## ATTACHMENT REQUIRED FOR EACH SMALL ORDERS PROCUREMENT TYPE

(Check Appropriate Group)

### 1. ONE SHOT (PN)

YES ( ) NO ( ) Requisition  
 YES ( ) NO ( ) Detailed Specifications  
 YES ( ) NO ( ) Suggested Vendor  
 YES ( ) NO ( ) Support Documentation

### 4. EMERGENCY CONTRACT

YES ( ) NO ( ) Justification Letter  
 YES ( ) NO ( ) Vendor Proposal  
 YES ( ) NO ( ) Pre-assigned Requisition (RX)

### 2. TERM AGREEMENT

YES ( ) NO ( ) EPS Form F-10  
 YES ( ) NO ( ) EPS Form F-26  
 YES ( ) NO ( ) EPS Form F-27

### 5. TELEPHONE/FAX BIDS

YES ( ) NO ( ) Justification Letter  
 YES ( ) NO ( ) Requisition (RX)

### 3. SOLE SOURCE REQUIREMENTS

YES ( ) NO ( ) Vendor Proposal  
 YES ( ) NO ( ) Disclosure Affidavit  
 YES ( ) NO ( ) Letter of Exclusive or Unique Capability  
 YES ( ) NO ( ) Support Documentation from Vendor/Manufacturer.  
 YES ( ) NO ( ) Signature(s) of Originator or Departmental Head/Designee.

# CPAC PROJECT CHECKLIST

## TELECOM/UTILITIES SUPPLEMENTAL CHECKLIST

**Required Attachments:** Detailed scope of services/specification which sets forth all of the anticipated services and products the user department wants provided, including time frame for completion, special qualifications of prospective vendors, special requirements or needs of the project, locations, anticipated participating user departments, citation of any applicable City ordinance or state/federal regulation or statute.

Has the project been reviewed by DGS?  Yes  No

Attach copy of DGS Recommendation;

Reservation(s); or participate under current contract.

Does the project include software?  Yes  No

If yes, is signed ITSC form attached?  Yes  No

Does the location involve:

A public way?  Yes  No

Any concession in the City's facilities?  Yes  No

Is it anticipated City Council approval of the project or contract will be required?  Yes  No

## VEHICLES/HEAVY EQUIPMENT SUPPLEMENTAL CHECKLIST

**Required Attachments:**

Detailed Specifications including detailed description of the vehicle(s) or equipment, mounted equipment, if any, and options/accessories.

Special Provisions (Delivery, Warranty, Manuals, Training, Additional Unit Purchase Options, Bid Submittal Information, etc.)

Delivery Location(s)

Technical Literature

Drawings, if any

Part Number List ( Manufacturer; or  Dealer;  or Other Source: \_\_\_\_\_)

Copy of current Price List(s)/Catalog(s)

Form F-10 or other authorization document

Any other exhibits and attachments

## WORK SERVICES/FACILITY MAINTENANCE SUPPLEMENTAL CHECKLIST

**Required Attachments:** Detailed Specifications (Scope of Services) including detailed description of the work, locations (with supporting detail), user department contacts, work hours/days, laborer/supervisor mix, compensation and price escalation considerations, contract term and extension options, contractor qualifications, citation of any applicable City/State/Federal statutes or regulations, citation of any applicable technical standards and price lists, catalogs, technical drawings and other exhibits and attachments as appropriate.

**Risk Management:**

Will services be performed within 50 feet of CTA train or other railroad property?  Yes  No

Will services be performed on or near a waterway?  Yes  No

Will services require the handling of hazardous/bio-waste material?  Yes  No

Will services require the blocking of streets or sidewalks which may affect public safety?  Yes  No



04 MAR 23 PM 2:47

**Richard M. Daley**  
Mayor

**Department of Police • City of Chicago**  
3510 S. Michigan Avenue • Chicago, Illinois 60653

**Philip J. Cline**  
Superintendent of Police

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22 March 2004

Stacy,

Attached is Requisition 13042, Sole Source for Med-Eng. It is for a one-time purchase, Standard PO. Please let me know when this will be on the Agenda so that I can have someone attend.

My extension is 5-5794.

Thanks.

A handwritten signature in cursive script that reads 'Joyce Maxwell'.

Joyce Maxwell