AGENDA
Committee on Ways and Means
Thursday, November 8, 2018 @ 8:00 a.m.
Council Conference Room, City Hall

Councilmember Jody Washington, Chair
Councilmember Kathie Dunbar, Vice Chair
Councilmember Carol Wood, Member

1. **Call to Order**

2. **Minutes**
   - October 25, 2018

3. **Public Comment on Agenda Items**

4. **Discussion/Action:**

   A.) RESOLUTION – Grant FY 2018 Bulletproof Vest Partnership

   B.) Sole Source Purchase: Lansing Police Department request for All City Management Services as the vendor for the staffing, training, and management of City of Lansing's School Crossing Guard Program.

   C.) Sole Source Purchase: Lansing Police Department request for Elite Defense as the vendor for the purchase of helmets and face shields.

   D.) Sole Source Purchase: Public Service Department request for Eng Inc. as the vendor for the purchase of engineering services for Frandora Hills Sanitary Sewer Rehabilitation.

5. **Other**

6. **Adjourn**

PUBLIC COMMENT AND SIGN IN SHEET

COMMITTEE Ways & Means

DATE Nov 8, 2018

Please print

NAME	ADDRESS	Purpose for Attending	Email Address	PHONE
Jim DeLine	LPD	Grant / Sole Source	jim.deline@lansingmi.gov	4808
Dean Johnson		Sole Source-Eng		#4462
Joe Abood	OCA	Staff		

MINUTES
Committee on Ways and Means
Thursday, October 25, 2018 @ 8:00 a.m.
10th Floor Conference Room, City Hall

CALL TO ORDER
The meeting was called to order at 8:01 a.m.

ROLL CALL
Council Member Jody Washington, Chair
Council Member Kathie Dunbar, Vice Chairperson
Council Member Carol Wood, Member

OTHERS PRESENT
LaSondra Crenshaw, Administrative Assistant
Eric Brewer, Council Internal Auditor
Joe Abood - Asst City Attorney
Chad Gamble – Parking Services
Jim Deline – LPD
Nathan B - Public

Minutes
MOTION BY COUNCIL MEMBER WASHINGTON TO APPROVE THE MINUTES FROM SEPTEMBER 27, 2018 AS PRESENTED. MOTION CARRIED 3-0.

Public Comment
No public comment at this time.

Discussion/Action

Workers Compensation Claim #2062876-00684

City Council received an unredacted memo. The City attorney went through the claim and advised this settlement agreement would be in exchange for a complete redemption of all claims against the city, claimant will be not returning to work, and has applied for duty disability and retirement that is currently pending.

MOTION BY COUNCIL MEMBER WOOD TO APPROVE THE RESOLUTION GRANTING THE WORKERS COMPENSATION CLAIM #2062876-00684. MOTION CARRIED 3-0

Sole Source Purchase; Parking Services Office request for Traffic and Safety as the vendor for TIBA Parking Entry and Exit Management Solution.

Mr. Gamble advised the council that they took tours, and received presentations as part of their investigation and review. Frontline and management looked at the equipment and they feel TIBA is the best combination for customers as it is more open and user friendly.

Council Member Wood asked if the equipment had been purchased yet. Mr. Gamble advised it had not. He also stated it would include all ramps, and TIBA is the system that the Radisson is approving and interested in as well. Radisson was brought in for the discussions and they are ongoing. Estimating that by February or March 2019 the equipment will be installed.

MOTION BY COUCIL MEMBER WOOD TO RECEIVE AND PLACE ON FILE THE SOLE SOURCE PURCHASE DEPARTMENT OF PARKING SERVICES REQUEST FOR TRAFFIC AND SAFETY AS THE VENDOR FOR TIBA PARKING ENTRY AND EXIT MANAGEMENT SOLUTION. MOTION CARRIED 3-0

Sole Source Purchase; Lansing Police Department request for Shaheen Chevrolet of Lansing, Inc. as the vendor for the purchase of two vehicles.

Mr. DeLine advised council that they can't put out to bid, and they will not buy the same color same year cars. They worked with purchasing to make sure everything can be done.

Council Member Wood asked why we are putting make/model on public documents considering these vehicles will be used for undercover work. Mr. Abood stated Lansing Police Department has not had an issue with this, and if it was an issue they would be the first to bring it to the City Attorney's attention.

MOTION BY COUNCIL MEMBER WOOD TO RECEIVE AND PLACE ON FILE THE SOLE SOURCE PURCHASE LANSING POLICE DEPARTMENT REQUEST FOR SHAHEEN CHEVROLET OF LANSING INC. AS THE VENDOR FOR THE PURCHASE OF TWO VEHICLES. MOTION CARRIED 3-0

Sole Source Purchase; Lansing Police Department request for All City Management Services as the vendor for the staffing, training, and management of City of Lansing's School Crossing Guard Program.

Mr. DeLine advised council that the Lansing Police Department went out of the crossing guard business in 2013 or 2014. The only company we could find was All City Management Services and they also service the Grand Rapids area. This service is currently being provided.

Council Member Dunbar asked why the City of Lansing pays for this and not the Lansing School District. Mr. DeLine stated he was not sure and will look into it. Mr. Abood will also look further into this and report back to council at the next meeting.

MOTION BY COUNCIL MEMBER WOOD TO RECEIVE AND **PLACE ON HOLD** THE SOLE SOURCE PURCHASE LANSING POLICE DEPARTMENT REQUEST FOR ALL CITY MANAGEMENT SERVICES AS THE VENDOR FOR THE STAFFING, TRAINING, AND MANAGEMENT OF CITY OF LANSING'S SCHOOL CROSSING GUARD PROGRAM. MOTION CARRIED 3-0.

<u>Sole Source Purchase; Lansing Police Department request for Graf Chevrolet of Okemos as the vendor for the purchase of two used vehicles.</u>

Mr. DeLine stated he had nothing further to add.

MOTION BY COUNCIL MEMBER WOOD TO RECEIVE AND PLACE ON FILE THE SOLE SOURCE PURCHASE LANSING POLICE DEPARTMENT REQUEST FOR GRAF CHEVROLET OF OKEMOS AS THE VENDOR FOR THE PURCHASE OF TWO USED VEHICLES. MOTION CARRIED 3-0

<u>Sole Source Purchase; Lansing Police Department request for Shaheen Chevrolet of Lansing Inc. as the vendor for the purchase of a vehicle.</u>

Mr. DeLine stated he had nothing further to add.

MOTION BY COUNCIL MEMBER WOOD TO RECEIVE AND PLACE ON FILE THE SOLE SOURCE PURCHASE LANSING POLICE DEPARTMENT REQUEST FOR SHAHEEN CHEVROLET OF LANSING INC AS THE VENDOR FOR THE PURCHASE OF A VEHICLE. MOTION CARRIED 3-0

<u>Sole Source Purchase; Public Service Department request for Eng Inc. as the vendor for the purchase of engineering services for Frandora Hills Sanitary Sewer Rehabilitation.</u>

Mr. Kilpatrick did not attend the meeting, Sole Source Purchase will be moved to the next meeting Nov 8th, 2018.

<u>OTHER</u>
No other topics of discussion

<u>ADJOURN</u>
Adjourn at 8:20 a.m.
Submitted by,
LaSondra Crenshaw, Administrative Assistant
Lansing City Council
Approved by the Committee on________________

BY THE COMMITTEE ON WAYS AND MEANS
RESOLVED BY THE CITY COUNCIL OF THE CITY OF LANSING

WHEREAS, Lansing Police Department has submitted application to the Bureau of Justice Assistance (BJA) for an award under the Bulletproof Vest Partnership (BVA) for funds dedicated to the purchase of National Institute of Justice (NJA) compliant armored vests; and

WHEREAS, the Lansing Police Department was informed on October 3, 2018, that it will receive the award and funds have been posted to its account in the BVP System in the amount of $23,181.87; and

WHEREAS, local match funds are available in the FY2019 Lansing Police Department operating budget previously earmarked for armored vest purchases and are sufficient to meet the ability to maximize the eligible amount determined by BJA of $51,000.00; and

WHEREAS, in order to provide adequate protection for our officers armored vests are necessary for new officers and to supply senior officers with replacement of vests at their expiration date; currently vest expire every 5 years. Lansing Police Department policy requires officers to wear a ballistic vest;

NOW, THEREFORE, BE IT RESOLVED, the Lansing City Council approves acceptance of the Bulletproof Vest Partnership award and approves the transfer of operating funds to match the award in the amount of $28,018.13 in to order to reach the maximum eligible amount for the program period (April 1, 2018 through August 31, 2020); and

BE IT FINALLY RESOLVED, that the Administration is authorized to create appropriate accounts and to make the necessary operating transfers for the expenditure and control of the balance of the awarded funds.

LANSING CITY COUNCIL

GRANT INFORMATION FORM

(Required for all grant applications and acceptances)

REFERRAL DATE: November 5, 2018

GRANT NAME: Bulletproof Vest Partnership Award

DEPARTMENT: Police

CONTACT PERSON (INCLUDE EMAIL AND PHONE): Lt. Justin Moore, Justin.Moore@lansingmi.gov (517) 483-4658

APPLIICATION DATE: May 22, 2018 AWARD DATE: October 3, 2018

GRANT CYCLE: 04/01/2018 – 08/31/2020 Check One: ___Annual _X__One-Time

FUND AMOUNT: __$51,000__________ (Breakdown below should total this amount)

GOODS & SERVICES	$51,000
PERSONNEL	
CONSTRUCTION	$0.00
LAND	$0.00
OTHER (Training)	

CITY MATCH (IF APPLICABLE): $28,018.13 City Match + $23,181.87 Award = $51,000.00 Fund Amount

GRANT PAYS FOR: Armored vests for sworn police personnel

FUND ALLOCATIONS (Please describe the purpose of the grant and allowable uses):

Note that this is an award from the Bureau of Justice Assistance and not a grant. There are no issues of supplanting budgeted funds. The award is exclusively for armored vests which have been tested and found to comply with the applicable National Institute of Justice standard. All award recipients are required to match the award to the extent that the award does not pay over 50% of the cost of the vest.

CITY of LANSING
INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor

FROM: Stephanie Robinson CPPB, Senior Buyer

DATE: September 28, 2018

SUBJECT: Sole Source Purchase – All City Management Services – School Crossing Guard Services

Please include this Sole Source packet of information in your transmittal to Council as required by the Purchasing Ordinance Section 206.05.

In summary, the Purchasing Office processed the following Sole Source transaction:

Department: Lansing Police Department
Vendor: All City Management Services
Item Purchased: School Crossing Guard Services
Dollar Amount: $ 259,848 (July 1, 2018 thru June 30, 2019)

Additional information pertaining to this purchase is attached for your information.

This letter is filed in accordance with the Purchasing Ordinance Section 206.05 (a) and (b).

sr

CITY of LANSING
INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor
Samantha Harkins, Chief of Staff

FROM: Stephanie Robinson, CPPB, Senior Buyer

DATE: **August 9, 2018**

SUBJECT: Sole Source – All City Management Services

The Lansing Police Department requests that All City Management Services be designated as a Sole Source vendor for the Staffing, training, and management of City of Lansing's School Crossing Guard Program.

Please see the attached letter from Chief Mike Yankowski regarding the request.

Based on the attached letter we recommend issuing a sole source purchase order to All City Management Services the amount of $ 259,848. This is a one year contract per the request of the Lansing Police Department.

Attachment

Date: 8-10-18

Approved X Denied ______

Andy Schor, Mayor

CITY OF LANSING
124 W. Michigan Ave
Lansing ,MI 48933
(517) 483-4128

PURCHASE ORDER	
P.O. NUMBER	P085617
DATE	08/09/18
VENDOR I.D.	V009201
DELIVERY DATE	
FOB	
REQUISITION NO	PR013913

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKING LIST AND CORRESPONDENCE.

TO:
ALL CITY MANAGEMENT SERVICES
PO BOX 8359
PASADENA, CA 91109-8359

PHONE# (800) 540-9290 FAX#

DELIVER ITEMS TO:
LANSING POLICE - ADMINISTRATIVE SUPPORT
120 W MICHIGAN AVENUE 4TH FLOOR
LANSING, MI 48933

SEND INVOICE TO:
LANSING POLICE - ADMINISTRATIVE SUP
120 W MICHIGAN AVENUE 4TH FLOOR
LANSING, MI 48933

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENSION
001	CROSSING GUARD CONTRACT SERVICES PROVIDED: RECRUITING, STAFFING, BACKGROUND VETTING, TRAINING, EQUIPMENT, INSURANCE, INSPECTIONS, SUPERVISION AND MANAGEMENT. SOLE SOURCE ONE YEAR CONTRACT BASED ON 32 SITES AT 2HR PER DAY 64 HR/DAYX180 DAYS PER YEAR @ $20.05/HR = $230,976 2 SITES AT 4HR PER DAY 8 HR/DAY AT 180 /YEAR @ @20.05 = $28,872.00	259,848	EA	1.00	259,848.00
				TAX	0.00
				TOTAL	259,848.00

THE ARTICLES SPECIFIED ARE SUBJECT TO THE FOLLOWING CONDITIONS:

1. Goods other than those specified on this order must not be substituted or prices changed without authorization.
2. If the quantity shipped is short of the purchase order quantity, specify on the packing slip if that quantitv is on back order or cancelled.

Federal Tax ID: 38-6004628

AUTHORIZED SIGNATURE

LANSING POLICE DEPARTMENT • INTEROFFICE MEMORANDUM

TO: STEPHANIE ROBINSON

FROM: MICHAEL YANKOWSKI

SUBJECT: SOLE SOURCE – ALL CITY MANAGEMENT SERVICES

DATE: AUGUST 7, 2018

The Lansing Police Department requests the granting of a sole source status to All City Management Services for the staffing, training, and management of the City of Lansing's School Crossing Guard program. All City Management Services (hereafter referred to as ACMS) is the only company that exclusively provides private crossing guard services in partnership with law enforcement.

The ACMS proposal is the most efficient solution for management of City of Lansing school district school crossing zones. Company vetting demonstrated that the Grand Rapids Police Department and the City of Wyoming Police Department continue to use ACMS as a vender for the following service.

ACMS will provide all recruiting, staffing, background vetting, training, equipment, insurance, inspections, supervision and management of the City of Lansing Crossing Guard Program under a one-year contract at the rate of $20.05 per hour, per guard. Pricing is based upon 32 crossing sites 2.0 hours per day ($230,976) and 2 crossing sites at 4.0 hours per day ($28,872) for 180 regular days annually – total $259,848.

Chief of Police Michael Yankowski

ALL CITY MANAGEMENT SERVICES

This AGREEMENT made and entered into this August _______, 2018 by and between the City of Lansing hereinafter called the "City", and ALL CITY MANAGEMENT SERVICES, INC., hereinafter called the "Contractor";

WITNESSETH

The parties hereto have mutually covenanted and agreed as follows:

1. This Agreement is for a One (1) year period which commences no later than August 27, 2018 and ends on June 30, 2019 and for such term thereafter as the parties may agree upon.

2. The Contractor will provide personnel equipped and trained in appropriate procedures for crossing pedestrians in marked crosswalks. Such personnel shall be herein referred to as a Crossing Guard. The Contractor is an independent Contractor and the Crossing Guards to be furnished by it shall at all times be its employees and not those of the City.

3. The City's representative in dealing with the Contractor shall be designated by The City of Lansing.

4. If, at any time during the contract period, the City questions the meaning of any item of this Agreement, the City may contact the Contractor for interpretation of that item.

5. The City shall determine the locations where Crossing Guards shall be furnished by the Contractor. The Contractor shall provide at each designated location personnel properly trained as herein specified for the performance of duties as a Crossing Guard. The Contractor shall provide supervisory personnel to see that Crossing Guard activities are taking place at the required places and times, and in accordance with all items of this Agreement.

6. The Contractor shall maintain adequate reserve personnel to be able to furnish alternate Crossing Guards in the event that any person fails to report for work at the assigned time and location and agrees to provide immediate replacement.

7. In the performance of their duties the Contractor and all employees of the Contractor shall conduct themselves in accordance with the conditions of this Agreement and the laws and codes of the State of Michigan and the City of Lansing.

8. Crossing Guards employed by the Contractor shall be trained, by the Contractor, in the laws and codes of Michigan and the City of Lansing pertaining to general pedestrian safety in school crossing areas crossing areas. Crossing Guard Services shall be provided by the Contractor at the designated locations on all days in which School is in session. The Contractor also agrees to maintain communication with the designated schools to maintain proper scheduling.

10. The Contractor shall provide all Crossing Guards with apparel by which they are readily visible and easily recognized as Crossing Guards. Such apparel shall be uniform for all persons performing the duties of Crossing Guards and shall be worn at all times while performing said duties. This apparel must be appropriate for weather conditions. The Contractor shall also provide all Crossing Guards with hand held Stop signs and any other safety equipment which may be necessary.

11. The Contractor shall at all times provide workers' compensation insurance covering its employees, and shall provide and maintain liability insurance for Crossing Guard activities. The Contractor will provide to the City a Certificate of Insurance naming the City and its officials, officers and employees as an additional insured. Such insurance shall include commercial general liability with a combined single limit of not less than $1,000,000.00 per occurrence and in aggregate for property damage and bodily injury. Such insurance shall be primary with respect to any insurance maintained by the City and shall not call on the City's insurance contributions. Such insurance shall be endorsed for contractual liability and personal injury and shall include the City, its officers, agents and interest of the City. Such insurance shall not be canceled, reduced in coverage or limits or non-renewed except after thirty (30) days written notice by Certified Mail, Return Receipt Requested has been given to the Chief of Police or designee of the City.

12. Contractor agrees to indemnify the City, its officers, employees and agents against, and will hold and save each of them harmless from, any and all actions, claims for damages to persons or property, penalties, obligations or liabilities that may be asserted or claimed by any person, firm, entity, corporation, political subdivision or other organization arising out of the intentional or negligent acts, errors, or omissions of Contractor, its agents, employees, subcontractors, or invitee, provided for herein.

   a) Contractor will defend any action or actions filed in connection with any of said claims, damages, penalties, obligations or liabilities and will pay all costs and expenses including attorney's fees incurred in connection herewith.

   b) Contractor will promptly pay any judgment rendered against the City, its officers, agents or employees for any such claims, damages, penalties, obligations or liabilities.

   c) In the event the City, its officers, agents or employees is made a party to any action or proceeding filed or prosecuted against Contractor for such damages or other claims arising out of or in connection with the sole negligence of Contractor hereunder, Contractor agrees to pay City, its officers, agents, or employees, any and all costs and expenses incurred by the City, its officers agents or employees in such action or proceeding, including, but not limited to, reasonable attorney's fees.

13. Either party shall have the right to cancel this Agreement by giving sixty (60) days written notice to the other.

14. The Contractor shall not have the right to assign this Contract to any other person or firm except with the prior written consent of the City.

15. The City agrees to pay the Contractor for services rendered pursuant to this Agreement the sum Twenty Dollars and Five Cents ($20.05) per hour, per guard during the contract period.

16. Payment is due Contractor within thirty (30) days of receipt of Contractor's properly prepared invoice

17. The City shall have an option to renew this contract for two additional two year terms. In the event that this Agreement is extended beyond June 30, 2019, the compensation and terms for services shall be established by mutual consent of both parties.

18. Facsimiles of signatures shall have the same force and effect as original signatures.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

City of Lansing	**All City Management Services, Inc.**
By______________________ Signature	By______________________ D. Farwell, Corporate Secretary
______________________ Print Name and Title	
Date______________________	Date 7/27/18

CITY of LANSING
INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor

FROM: Stephanie Robinson CPPB, Senior Buyer

DATE: October 11, 2018

SUBJECT: Sole Source Purchase – Elite Defense – Ballistic Helmets and Shields

Please include this Sole Source packet of information in your transmittal to Council as required by the Purchasing Ordinance Section 206.05.

In summary, the Purchasing Office processed the following Sole Source transaction:

Department: Lansing Police Department – Special Operations
Vendor: Elite Defense
Item Purchased: Ballistic Helmets and Shields
Dollar Amount: $ 24,102.00 (FY19 account 1013240.977000)

Additional information pertaining to this purchase is attached for your information.

This letter is filed in accordance with the Purchasing Ordinance Section 206.05 (a) and (b).

sr

CITY of LANSING
INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor
Samantha Harkins, Chief of Staff

FROM: Stephanie Robinson, CPPB, Senior Buyer

DATE: **October 3, 2018**

SUBJECT: Sole Source – Elite Defense – Ballistic Helmets and Shields

The Lansing Police Department requests that Elite Defense be designated as a Sole Source vendor for the purchase of Ballistic Helmets and Shields for Start.

Please see the attached letter from Chief Mike Yankowski regarding the request.

Based on the attached letter we recommend issuing a sole source purchase order to Elite Defense, in the amount of $ 24,102 from account number 1013240.977000 per the request of the Lansing Police Department, Special Operations Section.

Attachment

Date: 10-8-18

Approved X Denied ______

Andy Schor, Mayor

CITY OF LANSING

124 W. Michigan Ave
Lansing ,MI 48933
(517) 483-4128

PURCHASE ORDER	
P.O. NUMBER	P085780
DATE	10/18/18
VENDOR I.D.	V010589
DELIVERY DATE	
FOB	Destination
REQUISITION NO	PR014123

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKING LIST AND CORRESPONDENCE.

TO:
ELITE DEFENSE
18600 W OLD US 12
CHELSEA, MI 48118

PHONE# FAX#

DELIVER ITEMS TO:

LANSING POLICE - FIREARMS RANGE
16001 AIRPORT RD
LANSING, MI 48906

SEND INVOICE TO:

LANSING POLICE - FIREARMS RANGE
120 W MICHIGAN AVE 4TH FL
LANSING, MI 48933

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENSION
001	ED-HELMET-PKG-MICH ELITE DEFENSE HELMET PKG PER QUOTE #3090	26	EA	602.64	15,668.64
002	PN: GNTX-H10410-1 FACE-SHIELD PER QUOTE #3090	26	EA	324.36	8,433.36
				TAX	0.00
				TOTAL	24,102.00

THE ARTICLES SPECIFIED ARE SUBJECT TO THE FOLLOWING CONDITIONS:

1. Goods other than those specified on this order must not be substituted or prices changed without authorization.
2. If the quantity shipped is short of the purchase order quantity, specify on the packing slip if that quantitv is on back order or cancelled.

Federal Tax ID: 38-6004628

AUTHORIZED SIGNATURE

Andy Schor, Mayor

Lansing Police Department

120 West Michigan Avenue
Lansing, MI 48933
Phone: (517) 483-4600
Fax: (517) 483-6875

Mike Yankowski, Chief

To: Stephanie Robinson, Purchasing Department, Senior Buyer
From: Mike Yankowski, Chief of Police
Subject: Sole Source Request START Ballistic Helmets and Shields
Date: October 2, 2018

Over the last six months START has been trying out new helmets and face shields. Numerous venders were reached out too, but we were only able to find one helmet that meet all of our needs and that was Elite Defense.

Our helmet and face shield need to meet the standards of IIIA ballistic protection. The helmet also needs to work with night vision and a modular suspension system. Although other helmets offer some similar products, all helmets don't interchange parts. This is the only helmet system that was able to meet all of our requirements.

The helmet that was specifically built by Elite Defense for START is as follows:

The ED-HELMET-PKG utilizes the Gentex TBH-IIIA low cut helmet shell as the foundation of package.

- The helmet meets industry stand of NIJ 0108.01 ballistic material standard for Level IIIA, which is 9mm 124gr FMJ RN @ 1400 fps
    - This specific helmet package exceeds industry standard by meeting the following requirements;
    - Modified and Abbreviated NIJ 0106.01 standard
        - .44 Magnum 240gr SWCGC @ 1400 fps
    - Modified and Abbreviated US Marine Corps helmet specification
        - FQ/PD 06-35C FAT No.2 212 Oct 2013
    - Blunt Impact Projection
    - Compression Testing
    - Environmental Resistance; Cold & Hot operational usage, Temperature Shock, Flame Resistance, Altitude, Vibration, Seawater, Field Agent Resistance and Weatherometer per MICH Type II FQ/PD 06-35C: 2013
- The helmet package also includes the following which allows for a mission configurable system that is ideally suited for special operation applications;
    - Night vision shroud for current and future night vision capabilities
    - Side rail system to allow the integration of ballistic face shields, illumination tools and future assets
    - Velcro® attachment system to allow the integration of identifies or other ancillary equipment
    - Modular Suspension System (MSS) that ensures secure fit and comfort, while also mitigating excessive neck strain of the wearer.

- The helmet package will also include the Gentex H10410-1 Ballistic Face Shield
    - The face shield is a multi-hit for both 9mm and .44 magnum RN projectiles
    - Designed to integrate onto the specific side rail system mentioned above.

Elite Defense will come out and measure each member for their helmet and the helmet will come delivered as a complete system.

I am Requesting a sole source purchase request for $24,102.00 for the above listed budgeted equipment. The account number that the purchase will come from is 1013240.977000

Thank You for your assistance with this matter,

4316

Mike Yankowski, Chief of Police

LANSING POLICE DEPARTMENT
Equipment - FY2019

Updated 12/11/17
w/Chief changes

	QTY	Cost each	Request	Approved
ADMINSTRATION				
1013201.977101' < $5,000				
New Trainin Secretary 26 computer needs	1	$1,250.00	$1,250	$1,250
Budget Control New Office Chairs	2	$250	$500	500
Budget Control 24" workstation monitors	2	$210	$420	$ 420
		Total	$2,170	$2,170
TECH SERVICES				
1013212.977101' < $5,000				
New Office Chairs	2	$250	$500	500 ✓7/9/18
		Total	$500	$500
CENTRAL RECORDS				
1013221.977101' < $5,000				
New Office Chairs	10	$250	$2,500	2500
DVD Disc Burner	1	$215	$215	215
Wondershare Filmora Video Redaction	3	$70	$210	210
Adobe Acrobat	3	$30	$90	90
Stand up Adjustable desk and	2	$270	$540	540
		Grand Total	$ 3,555	$ 3,555
RANGE				
1013213.977				
Glocks w/magazines and holsters	50		$ 16,920	$ 16,920
			$ 16,920	$ 16,920
1013213.977101 <5,000				
Rear Sight Assembly for patrol rifle			$ 5,000	$ 5,000
Stock for patrol rifles			$ 1,250	$ 1,250
			$ 6,250	$ 6,250
		Grand Total	$ 23,170	$ 23,170
EEMU				
101.3222.977000				
PVS System	12	$3,600	$43,200	$43,200
HD Camera (Detention)	10	$ 600	$ 6,000	$ 6,000
			$ 49,200	$ 49,200
DETENTION				
1013224.977000'				
Vinyl ergonomic task chairs for Detention	3	$600	$1,800	$ 1,800
Mental health padded helmet	1	$500	$500	$ 500
Detention 24" workstation monitors	7	$210	$1,470	$ 1,470
Microwave-Detention & Patrol	1	$500	$500	$ 500
LDO laptop with Wi-Fi capability/Jetpack & docking station	1	$1,700	$1,700	$ 1,700
		Grand Total	$ 5,970	$ 5,970
INVESTIGATIONS DIVISION				
1013240.977000				
Electronic Intelligence Equipment	2	$6,900	$13,800	$ 13,800
Secure City Partnership	2	$5,000	$10,000	$ 10,000
Emergency Equipment	3	$1,850	$5,550	$ 5,550
Ballistic Body Armor	6	$2,300	$13,800	$ 13,800
Ballistic Helmets	26	$599	$15,574	$ 15,574
Ballistic Face Shields	26	$299	$7,774	$ 7,774
			$ 66,498	$ 66,498
1013240.977101 < $5,000				
Crime Scene Equipment	1	$2,700	$2,700	$ 2,700
CSI Tech. Equipment	2	$2,000	$4,000	$ 4,000
Replacement dry suits - industrial/public safety rated.	3	$2,500	$7,500	$ 7,500
Aga full face mask (1) and communication module	2	$2,000	$4,000	$ 4,000
Equiping Soft Interview Room	1	$2,000	$2,000	$ 2,000
Office Chairs	8	$400	$3,200	$ 3,200
37mm Chemical Munition Launcher	1	$700	$700	$ 700
			$ 24,100	$ 24,100
		Grand Total	$ 90,598	$ 90,598
PATROL DIVISION				
1013251.977000				
FTO Software Package	1	$3,000.00	$3,000	$3,000
Neighborhood Watch Signs	500	$15.00	$7,500	$7,500
Battery Chargers	2	$70	$140	$ 140
80 Watt Solar Panel Kit	2	$300	$600	$ 600
Conducted energy devices	10	$1,200	$12,000	$ 12,000
Body worn cameras	10	$500	$5,000	$ 5,000
UAS Program (accessories and maintenance)	1	$5,000	$5,000	$ 5,000
New Police K9's	2	$12,200	$24,400	$ 24,400
			$ 57,640	$ 57,640

ELITE DEFENSE

18600 W Old US 12
Chelsea, MI 48118

Quote

Date	Quote #
8/27/2018	3090

Name / Address	Ship To
Elite Customer Quotes - Domestic 18600 W. Old US 12 Chelsea, MI 48118	Lansing PD attn: R. Wilcox 120 W Michigan Ave Lansing, MI 48933

Rep	Estimated Delivery	Terms	FOB
FMoss	90-120 Days ARO	Due on receipt	Chelsea, MI

P/N	Description	Qty	U/M	Unit Cost	Amount
ED-HELMET-PKG-MICH	ELITE DEFENSE Helmet Pkg TBH-IIIA Mission Configurable system Includes: Skeleton Shroud, Skeleton Rail w/Hook & Carabiner Bungees, Velcro attachment system, MODULAR SUSPENSION SYSTEM MID & FULL CUT (for M/L and LG/XL sizes) - Style: LOW CUT - Size: LARGE - Color: BLACK	26		602.64	15,668.64
PART # TBD	PN: GNTX-H10410-1 Description: Face-Shield, Handgun Multi-Hit, 9mm and 44 Cal Magnum, Accessory Rail Attached (ARC)	26		324.36	8,433.36
Shipping/Handling	Shipping and Handling Cost - PRICE REFLECTS DELIVERED COST			0.00	0.00

We reserve the right to charge a 3% credit card processing fee. All prices quoted in U.S. Dollars.

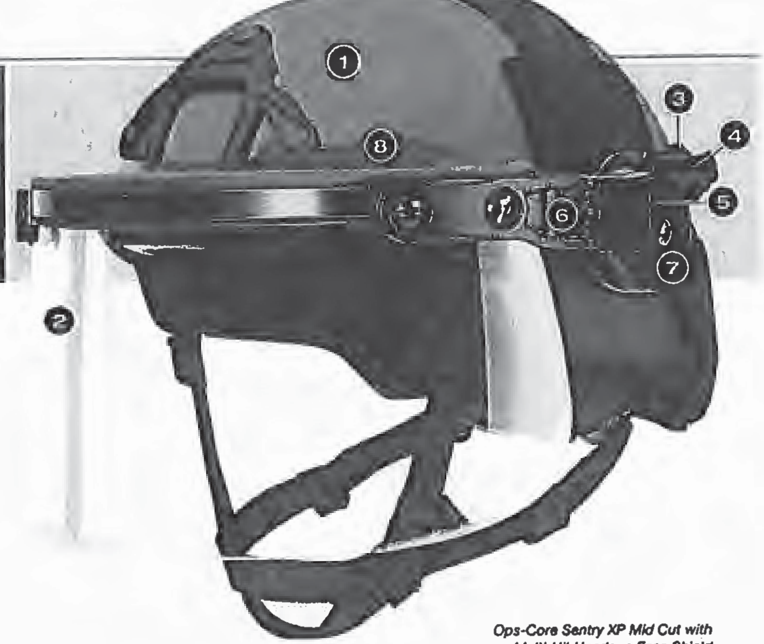
ESTIMATE VALID FOR 30 DAYS FROM DATE OF ISSUE

Subtotal	$24,102.00
Sales Tax (0.0%)	$0.00
Total	$24,102.00

Elite Defense products are controlled for export purposes under the International Traffic in Arms Regulations (22 C.F.R., Chapter 1, M, Parts 120-130) and the Export Administration Regulations (15 C.R.R., Parts 730-744), and require U.S. Government authorization prior to the export or transfer to a non-US person or country. Contact Elite Defense for details.

734-424-9955 734-424-9956 info@elitedefense.com www.elitedefense.com

MULTI-HIT
Handgun Face Shield



Ops-Core Sentry XP Mid Cut with Multi-Hit Handgun Face Shield

The Perfect Fit for Face Protection on all Sizes of Ballistic Helmets

With Ops-Core's unique helmet Accessory Rail Connector (ARC) system, the Multi-Hit Handgun Face Shield can be quickly and securely attached to any size Ops-Core® or Gentex® ballistic helmet, transforming them into the ultimate defense against multiple impacts from handgun threats by law enforcement and military personnel during forced entry and breeching operations.

KEY FEATURES

Seamless Integration with Ballistic Helmets
Because of their unique system design, Ops-Core FAST® and Sentry™ helmets, and Gentex ACH/TBH helmets can seamlessly incorporate the Multi-Hit Handgun Face Shield, further increasing the scalability by upgrading the protective posture through the addition of the face shield to the helmet.

Stable, Secure Attachment, Use, and Storage
The face shield with the ARC mounting mechanism allows for a secure and stable attachment system on mission configured helmets. Once mounted, the unique internal face shield locking mechanism secures the face shield in any position desired. When not in use, the face shield smoothly and quickly pivots up, riding and storing close to the helmet shell and center of gravity to maintain a low profile.

Product Category	Multi-Hit Handgun Face Shield
Protection Level	9mm 124gr FMJ @ 1,400 fps (427 m/s) 44 Cal Magnum 240gr SWCGC @ 1,400 fps (427 m/s)
Construction / Materials	Hybrid / Acrylic and Polycarbonate
Protection Area (Telescopic)	11" (279.4 mm)
Viewport Width (Curved)	18" (457.2 mm)
Viewport Height	5" (127 mm)
Viewport Thickness	0.8" (20.3 mm)
Weight	2.9 lbs (1,315.4 g)

1. Face shield assembly fits all sizes of Ops-Core FAST and Sentry helmets, and Gentex ACH/TBH style helmets
2. Ballistic protective lens
3. Fore/Aft adjustment maintains effective seal with different helmet geometries as well as increases offset to accommodate masks and other equipment when needed
4. Rail interface locking system provides solid platform for the face shield
5. Locking mechanism secures face shield at any angle
6. Folding arms for smaller storage footprint
7. Pivot location keeps face shield as close to head center of gravity as possible for increased comfort
8. Face shield gasket minimizes the chance that liquids will drip behind the lens

Note: All measurements are +/- 3% tolerance

Contact Us

Ops-Core is committed to designing advanced performance capabilities for the elite warrior. For more information regarding the Ops-Core Multi-Hit Handgun Face Shield, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The Multi-Hit Handgun Face-Shield is controlled for export by the U.S. Export Administration Regulations (EAR) 15 CFR 730-774. The export of this helmet and related technical information requires prior authorization from the U.S. Government.

OPS-CORE INC. Marine Industrial Park 12 Channel Street Boston, MA 02210 Tel: 617.670.3547 Fax: 617.670.3581 sales@ops-core.com www.ops-core.com

All City Management Services Inc.

Client Worksheet 2018 - 2019

Department: **800301**

Billing Rate for 2018/2019: $20.05

City of Lansing
740 May St.
Lansing, MI 48906

KEY:
Traditional Calendar:
For sites with no regularly scheduled early release days, use 180 regular days
For sites with one regularly scheduled early release day/week, use 144 regular days and 36 minimum days

Sites with traditional calendar:

		64		180		$20.05	=	$230,976.00
32	Sites at 2.0 hrs per day	Total Hrs/day	X	days/yr	X	Hourly Billing Rate		
		8		180		$20.05	=	$28,872.00
2	Sites at 4.0 hrs per day	Total Hrs/day	X	days/yr	X	Hourly Billing Rate		

TOTAL PROJECTED HOURS **12960** **TOTAL ANNUAL PROJECTED COST** **$259,848.00**

CITY of LANSING

INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor

FROM: Stephanie Robinson CPPB, Senior Buyer

DATE: September 28, 2018

SUBJECT: Sole Source Purchase – Eng. - Preliminary Engineering for Frandora Hills Sanitary Sewer Rehabilitation

Please include this Sole Source packet of information in your transmittal to Council as required by the Purchasing Ordinance Section 206.05.

In summary, the Purchasing Office processed the following Sole Source transaction:

Department: Public Service Department, Engineering Division
Vendor: Eng. Inc.
Item Purchased: Preliminary Engineering for Frandora Hills Sanitary Sewer Rehabilitation
Dollar Amount: $ 36,142.58 (FY19 account 590.933610.973000)

Additional information pertaining to this purchase is attached for your information.

This letter is filed in accordance with the Purchasing Ordinance Section 206.05 (a) and (b).

sr

CITY of LANSING
INTEROFFICE COMMUNICATION

TO: Andy Schor, Mayor
Samantha Harkins, Chief of Staff

FROM: Stephanie Robinson CPPB, Senior Buyer

DATE: **OCT. 10, 2018**

SUBJECT: Sole Source Purchase – Eng - Preliminary Engineering for Frandora Hills Sanitary Sewer Rehabilitation

The Public Service Department, Engineering Division requests that Eng Inc, be designated as a sole source vendor for the Preliminary Engineering for Frandora Hills Sanitary Sewer Rehabilitation.

Please see the attached request from Dean Johnson, and Andrew Kilpatrick..

Based on the attached letter we recommend issuing a sole source purchase order to Eng. Inc. in the amount of $36,142.58 from account 590-933610-973000 per the request of the Department.

Attachment

Date 10-10-18

Approved X Denied ___

Andy Schor, Mayor

Andy Schor, Mayor

PUBLIC SERVICE DEPARTMENT
7th Floor City Hall
124 West Michigan Avenue
Lansing, Michigan 48933
(517) 483-4455
FAX: (517) 483-6082
www.lansingmi.gov/pubserv

CLEANER GREENER

MEMORANDUM

TO: Stephanie Robinson, Senior Buyer

FROM: Dean Johnson, P.E., City Engineer

Dean Johnson

DATE: October 9, 2018

SUBJECT: Sole Source Procurement Request – Preliminary Engineering for Frandora Hills Sanitary Sewer Rehabilitation – "Eng", Inc.

For the project referenced above, the Department of Public Service is requesting issuance of a purchase order (PO) consistent with the sole source procurement provisions outlined in City Ordinance, Title 2, Chapter 206.05. The scope of work, as outlined in the attached proposal from "Eng", includes evaluating the sewers and streets in the Frandora Hills Subdivision for purposes of defining the scope of work necessary to upgrade the infrastructure. Preliminary investigations indicate that the sewers and streets in this area are in very poor condition. The ultimate objective is to complete engineering drawings and bid documents necessary to include the construction with the proposed Ingham Count Drain Commission Montgomery Drain Project.

This request is appropriate for a sole source request for the following reason(s).

Combining this project with the Montgomery Drain project will improve coordination and allow the City to benefit from the economies of scale associated with the very large Montgomery Drain Project. Using "Eng" for this work has similar benefits since they are they are also performing engineering work on the Montgomery Drain Project.

The not-to-exceed cost proposal from "Eng" is $36,142.58. I find these costs to be competitive and reasonable for the scope of work proposed. The account that will be used to fund this request is: #590-933610-973000-20100 (City Share of Sanitary Sewers).

If you have any questions, please contact me at ext. 4458. Thank you.

Approved: ______________________ 10/9/18

Andrew Kilpatrick, P.E.
Director of Public Service

date

CITY OF LANSING
124 W. Michigan Ave
Lansing ,MI 48933
(517) 483-4128

PURCHASE ORDER	
P.O. NUMBER	P085773
DATE	10/11/18
VENDOR I.D.	V017301
DELIVERY DATE	
FOB	
REQUISITION NO	PR014116

OUR PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKING LIST AND CORRESPONDENCE.

TO:
ENG INC
4063 GRAND OAK DRIVE STE A109
LANSING, MI 48911

PHONE# (517) 887-6335 FAX# (517) 887-6335

DELIVER ITEMS TO:

PUBLIC SERVICE DEPARTMENT ENGINEERING
124 W MICHIGAN AVENUE 7TH FL
LANSING, MI 48933

SEND INVOICE TO:

PUBLIC SERVICE DEPARTMENT ENGINEERI
124 W MICHIGAN AVENUE 7TH FL
LANSING, MI 48933

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENSION
001	FRANDORA HILLS SANI SEWER	36,142.	LS	1.00	36,142.58
				TAX	0.00
				TOTAL	36,142.58

THE ARTICLES SPECIFIED ARE SUBJECT TO THE FOLLOWING CONDITIONS:

1. Goods other than those specified on this order must not be substituted or prices changed without authorization.
2. If the quantity shipped is short of the purchase order quantity, specify on the packing slip if that quantity is on back order or cancelled.

Federal Tax ID: 38-6004628

AUTHORIZED SIGNATURE

Eng
Engineering & Surveying

4063 Grand Oak Drive
Suite A109
Lansing, MI 48911

T: 517.887.1100
F: 517.887.6335
engdot.com

Gregory L. Minshall, PE
Michael J. Dyer, PE
Brian J. Cenci, PE

July 17, 2018

Mr. Dean Johnson, PE, City Engineer
City of Lansing Public Service Department
City Hall Room 732
124 W. Michigan Avenue
Lansing, MI 48933

RE: Frandora Hills Sanitary Sewer Rehabilitation Scoping

Dear Mr. Johnson:

Thank you for the opportunity to submit this proposal to provide preliminary engineering services for the referenced project. Eng., Inc. is currently providing engineering services to the Ingham County Drain Commissioner on the Montgomery Drain Project, which includes the Frandora Hills neighborhood. We are, therefore, familiar with the area.

We understand that the City of Lansing wishes to evaluate the condition of the sanitary sewers in Frandora Hills with the intent of rehabilitating the sewers in conjunction with the Montgomery Drain Project. The Frandora Hills neighborhood is bounded by US 127 on the west, Holiday Drive on the south, Coolidge Road on the east and Stonewood Drive on the north. The sanitary sewer system consists of 6107 LF of 8-inch pipe, 2983 LF of 10-inch pipe, and 176 LF of 12-inch pipe. All sewers were installed in the early 1960s. The roadways in the neighborhood are also in need of rehabilitation. The storm sewers in the neighborhood have already been evaluated by the County Drain Commissioner's office. The initial scope of this project is to televise the sanitary sewers, evaluate their condition, make recommendations for both sewer rehabilitation and road restoration, and estimate project costs.

Our method of approach will consist of the following tasks:

- Televise sanitary sewers (Northern A-1).
- Review sewer videos and evaluate condition.
- Summarize segments in need of rehabilitation.
- Inspect condition of manholes.
- Evaluate curb and HMA pavement condition (visual only).
- Contact utilities for possible concurrent rehabilitation work.
- Review proposed storm drain rehabilitation locations.

- Make recommendations for sewer and street rehabilitation.
- Estimate costs for recommended work.
- Review recommendations with City of Lansing and Ingham County Drain Office staff.
- Revise and finalize recommended plan.

We propose to use the following team:

Project Manager:	Michael J. Dyer, PE.
Project Engineer:	Erik J. Morris, PE.
CAD Technician:	Steven P. Mayes
Staff Engineer:	Christopher A. Harrington
Sewer Televising:	Northern A-1 Services (subconsultant)

We propose to perform this work for the not-to-exceed price of $36,142.58. Attached to this letter are the following items:

- Summary of Staff-Hour Distribution – Figure 1
- Cost per task breakdown – Figure 2
- Northern A-1 Services proposal
- Resumes of project team members

If you have any questions regarding this proposal, please contact our office. We look forward to working with you on this project.

Sincerely,

Eng., Inc.

Michael J. Dyer, PE
Vice President

cc: Gregory L. Minshall, PE, Eng., Inc.
Meredith S. Baker, Eng., Inc.
Erik J. Morris, PE, Eng., Inc.

SUMMARY OF STAFF-HOUR DISTRIBUTION
FIGURE 1

TITLE: Frandora Hills Sanitary Sewer Rehabilitation

FIRM: **Eng., Inc.**
Name of Company

Authorized Signature

Date: July 17, 2018

Name of Principal Staff Members	Role	Total Hours
SERVICES BY CONSULTANT:		
Michael J. Dyer, P.E.	Principal & Project Manager	12
Erik J. Morris, P.E.	Inspector	68
Christopher A. Harrington	Inspector	8
Steven P. Mayes	CAD Technician	8
SERVICES BY OTHERS:		
TOTAL		96

NOTE: ALL TIMES SHALL BE GIVEN IN PERSON-HOURS

BIOGRAPHIES OF EACH MEMBER SHALL BE INCLUDED IN THE STAFFING PROPOSAL

COST BREAKDOWN
Figure 2

TITLE: Frandora Hills Sanitary Sewer Rehabilitation

FIRM: Eng., Inc.
Name of Company

Authorized Signature

Date: July 17, 2018

NAME OF PRINCIPAL STAFF MEMBERS	ROLE IN PROJECT	TOTAL HOURS	DIRECT LABOR	OVERHEAD (163%)	TOTAL (Amount)
Michael J. Dyer, P.E.	Project Manager	12	$ 828.00	$ 1,349.64	$ 2,177.64
					$ -
Erik J. Morris, P.E.	Inspector	68	$ 2,006.00	$ 3,269.78	$ 5,275.78
					$ -
Christopher A. Harrington	Inspector	8	$ 192.40	$ 313.61	$ 506.01
Steven P. Mayes	CAD Technician	8	$ 302.40	$ 492.91	$ 795.31
					$ -
SUB-TOTAL =		96	$ 3,328.80	$ 5,425.94	$ 8,754.74
SUPPLIES & MATERIALS:					
TRANSPORTATION:					
OTHER DIRECT COSTS: Northern A-1	sewer televising				$ 24,102.15
PROFIT: (10%)					$ 3,285.69
TOTAL:		96			$ 36,142.58

Northern A-1
ENVIRONMENTAL SERVICES

3947 US 131 North, P.O. Box 1030 / Kalkaska, Michigan 49646 / Tel. (231) 258-9961 / Fax (231) 258-9971
1680 Peach Street/ Whitehall, Michigan 49461 / Tel (231) 893-1173/ Fax (231) 893-1193
2510 Saidla Drive / Kalamazoo, Michigan 49001 / Tel (231) 893-1173/ Fax (231) 893-1193

Eng., Inc.
Mr. Brian Cenci
4063 Grand Oak Drive, A109
Lansing, Michigan 48911

June 18, 2018

RE: Cost to Televise and Clean Approximately 9,250 LF of Sewer, Frandora Hills Lansing

Dear Mr. Cenci:

Northern A-1 Services, Inc. (NA-1) is pleased to provide you with an outline of the costs involved for the above referenced project. NA-1 will provide equipment/personnel to televise and clean approximately 9,250 LF of sewer, Lansing.

Televise Sewer	$ 0.95/Linear Foot
Clean 8" Sewer	$ 1.60/Linear Foot
Clean 10" & 12" Sewer	$ 1.75/Linear Foot

It is our understanding that a water source will available for use and disposal will be onsite. The actual cost is based on the actual amounts televised and cleaned.

If the material is shown to be other than described and/or if site conditions are found to be such that additional equipment or services are required for safe removal of these materials, a cost re-evaluation will be required.

NA-1 will make every attempt to ensure the project is completed successfully, however we cannot be responsible if complications arise due to unforeseen underground conditions such as foreign objects, misaligned joints, damaged pipe or other obstructions that may cause our equipment to become lodged in the line or prevent us from successfully completing this project. In the event a situation of this nature occurs, the Client would be responsible for cost of remedying this situation and associated costs.

This pricing is valid for 30 Days. Any pricing fluctuations in steel, energy or similar markets may result in a price adjustment.

If you accept the terms of this proposal, please sign below and return a copy to my attention via fax or mail. All work referenced above in this proposal will be invoiced directly to you, unless Northern A-1 is otherwise instructed. If you have any questions or comments, please feel free to give me a call. Thank you for the opportunity to provide you with this quote.

PROPOSAL SUBMITTED BY: Tom Wolfe, Email: tomw@northerna1.com, Cell: (231) 342-9826

TW/ra

ACCEPTANCE OF PROPOSAL

Purchaser: ______________________________ By: ______________________________
Company Name Specify Title

Eng™

Michael J. Dyer, PE

Vice President

Mr. Dyer has been involved in civil engineering projects since 1983. His primary area of expertise is the study, planning, design and construction of infrastructure improvements for public agencies. Typical projects involve road improvements, bike paths, water distribution systems, sanitary sewers, and drainage systems. In addition, he has conducted plan reviews and served as a soil erosion control agent for various governmental agencies. He has extensive experience with sewer separation projects and inflow and infiltration studies. Mr. Dyer also has significant experience in the planning and design of commercial, residential and mixed-use private development projects.

At Eng., Inc., Mr. Dyer manages a wide variety of projects for both governmental and private development clients.

Education
B.S., Civil Engineering, 1983
Michigan State University
East Lansing, MI

License
Michigan Licensed Professional Engineer #34445

Certification & Training
MDEQ Certified Storm Water Management - Construction Site: A-1j #C-01890

MDEQ Certified Soil Erosion and Sedimentation Control Agent: SESC Comprehensive SE/C #00895

Professional Experience
1996 – Present: Vice President and Civil Engineering Department Manager
Eng., Inc.
Lansing, MI

1989 – 1996: Project Manager, Project Engineer for other professional design firms

1987 – 1989: Chief Township Engineer
Meridian Charter Township,
Okemos, MI

1983 – 1987: Project Engineer
Meridian Charter Township,
Okemos, MI

Representative Projects

- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- 2016 City Street Reconstruction, City of Norton Shores, MI
- Holmes Road Reconstruction (2014), City of Lansing, MI
- FY15 Sidewalk Construction (Gap Closure) Project, City of Lansing, MI
- East Front Street Reconstruction, City of Grand Ledge, MI
- Mt. Garfield, Davis, Rood, Green & Torrent Street Reconstruction, City of Norton Shores, MI
- M-100 Non-motorized Pathway, City of Grand Ledge, MI
- Rosemary Avenue Pathway Project, Lansing Township, MI
- Howe Road Extension, Camp Grayling, MI
- Mill Street Bridge & Road Reconstruction, City of Leslie, MI
- Spring/W. Lincoln Street Reconstruction, City of Grand Ledge, MI
- Michigan Avenue Resurfacing, City of Lansing, MI
- Holmes Road Reconstruction (2010), City of Lansing, MI
- NIIP Street Rehabilitation, City of Lansing, MI
- Dunckel Road Reconstruction, City of Lansing, MI
- DeGroff Street Reconstruction, City of Grand Ledge, MI
- Collins Road Reconstruction, City of Lansing, MI
- Edwards Street Reconstruction, City of Grand Ledge, MI
- Lake Lansing Road Reconstruction, Lansing Township, MI
- West Road and Coleman Road Reconstruction, City of East Lansing, MI
- S. Washington Ave. Reconstruction (2 proj.), City of Lansing, MI

Eng.™

Erik J. Morris, PE

Staff Engineer, Project Inspector

Education
B.S., Civil Engineering, 2006
Michigan State University
East Lansing, MI

License
Michigan Licensed Professional Engineer #6201066586

Certification & Training
MDEQ Certified Storm Water Management - Construction Site: A-1j #C-14943

MDEQ Certified Soil Erosion and Sediment Control Agent: SESC Comprehensive SE/C #01317

MDOT Certified Computerized Office Technician

Professional Experience
2007 – present: Staff Engineer
Eng., Inc.
Lansing, MI

While employed with Eng., Inc. Erik Morris has performed a wide range of Construction Inspection duties dealing with the infrastructure of Eaton, Ingham and Lenawee counties, and the cities of Lansing, Grand Ledge and Leslie. These projects have allowed him to demonstrate considerable expertise in the areas of field management, surveying, construction staking, and inspection, including requiring and reporting on construction compliance with the Engineer's documents. Mr. Morris is an MDOT Certified Office Technician, proficient in the use of "Field Manager" software.

Representative Projects

- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- Holmes Road Reconstruction (2014), City of Lansing, MI
- FY15 Sidewalk Construction (Gap Closure) Project, City of Lansing, MI
- Inspection Services for 2015 Sidewalk Repairs, City of Lansing, MI
- East Front Street Reconstruction, City of Grand Ledge, MI
- Mt. Garfield, Davis, Rood, Green & Torrent Street Reconstruction, City of Norton Shores, MI
- Spring/W. Lincoln Street Reconstruction, City of Grand Ledge, MI
- Holmes Road Reconstruction (2010), City of Lansing, MI
- Main Street Resurfacing, City of Leslie, MI
- Williamsburg Drain Inspection, Eaton County, MI
- DeGroff Street Reconstruction, City of Grand Ledge, MI
- Gettysburg Drain, Eaton County, MI
- Forest Glen Drain, Eaton County, MI
- Sherwood Drain, Eaton County, MI
- Groesbeck Drain, Ingham County, MI
- Gilbert Drain, Lenawee County, MI
- Gier Sand Creek Drain, Lenawee County, MI

Eng™

Steven P. Mayes
CAD Manager

Certification & Training
Intergraph Site Works Training

Autodesk Land Desktop Training

Micro Station Graphics

AutoCAD Application

AutoCAD Customizing

AutoCAD Map Training

Professional Experience
1998 – Present: Senior CAD Technician, CAD Manager
Eng., Inc.
Lansing, MI

1978 – 1998: Senior Technician, Civil Technician, Drafting Technician, and Drafting Director
Other professional design firms.

As Senior CAD Technician, Steve Mayes directs and coordinates the production of computer-assisted documents required to illustrate the design and detail created by professional personnel. His experience includes the drafting of road plans, water distribution systems, storm sewer systems, wastewater collection and treatment facilities, topographic and boundary surveys, site plans and similar drawings utilized for physical improvements.

Mr. Mayes also assists with computer network administration and assures compatibility of systems both internally and with our clients. In the constantly changing software environment, dependability of equipment is key to maintaining client satisfaction. His duties include maintaining CAD standards consistent with specific client requirements. Mr. Mayes is knowledgeable in MDOT, AASHTO and ADA standards.

Representative Projects

- Green Street Reconstruction, City of Grand Ledge, MI
- FY18 Major Street Rehabilitation, City of Lansing, MI
- Stabler Street Rehabilitation, City of Lansing, MI
- FY17 Major Street Rehabilitation, City of Lansing, MI
- Water Main Design-Multiple Locations, Lansing Board of Water and Light, MI
- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- 2016 City Street Reconstruction, City of Norton Shores, MI
- M-100 Non-motorized Pathway, City of Grand Ledge, MI
- Rosemary Avenue Pathway Project, Lansing Township, MI
- Howe Road Extension, Camp Grayling, MI
- Camp Grayling Paving Upgrade, Camp Grayling, MI
- Mill Street Bridge & Road Reconstruction, City of Leslie, MI
- Spring/W. Lincoln Street Reconstruction, City of Grand Ledge, MI
- Michigan Avenue Resurfacing, City of Lansing, MI
- Holmes Road Reconstruction, City of Lansing, MI
- NIIP Street Rehabilitation, City of Lansing, MI
- Dunckel Road Reconstruction, City of Lansing, MI
- DeGroff Street Reconstruction, City of Grand Ledge, MI
- Edwards Street Reconstruction, City of Grand Ledge, MI
- Collins Road Reconstruction, City of Lansing, MI
- South Washington Avenue Reconstruction (2 projects), City of Lansing, MI
- Lake Lansing Road Reconstruction, Lansing Township, MI
- West Road and Coleman Road Reconstruction, City of East Lansing, MI
- West Jefferson Street Reconstruction, City of Grand Ledge, MI

Eng.™

Christopher A. Harrington

Staff Engineer

Education

B.S., Civil Engineering, 2018
Michigan State University
East Lansing, MI

Associate of Science:
Engineering/Physics 2014
Lansing Community College
Lansing, MI

Professional Experience

2017 – present: Engineering Technician
Eng., Inc.
Lansing, MI

2016 – 2017: Engineering Technician
Soil and Materials Engineers (SME)
Lansing, MI

In his short time with Eng. Chris Harrington has demonstrated the ability to grasp complex concepts and compile details into usable information for report writing. He came to us with construction experience and the ability to draw, read and interpret AutoCAD drawings and specifications, and previous experience with materials testing, including asphalt sampling. These are valuable skills for a field technician, qualifying him to conduct construction inspection on a variety of types of construction. Coupled with his strong work ethic and eagerness to learn, Mr. Harrington has quickly become the "go-to" technician for several of our project engineers.

Representative Projects at Eng.

- FY18 Major Street Rehabilitation, City of Lansing, MI
- Pennsylvania Avenue Sanitary Sewer Replacement, City of Lansing, MI
- Titus Tile Drain, Lenawee County, MI
- Black Creek Consolidated Drain, Muskegon County, MI
- Cory Bishop Drain, Ottawa County, MI
- Selkirk Lake Drain, Allegan County, MI
- Maintenance work, various drains, Barry County, MI
- Livingston No. 29 Drain, Livingston County, MI

Representative Projects at SME

Materials testing for asphalt, concrete, and soils

- East River/Franklin Street Reconstruction, City of Grand Ledge, MI
- East River/Russell Street Reconstruction, City of Grand Ledge, MI
- Consumers Energy gas lines, various locations, Lansing, MI
- Sparrow Parking Lot, Lansing, MI
- MSU Lot 89, East Lansing, MI