



# VILLAGE OF HOFFMAN ESTATES

## Department of Public Works

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### BID DOCUMENTS

### ROADWAY PAVEMENT MARKINGS

2026, 2027, and 2028

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<b>BID OPENING DATE:</b>	<b>July 16th, 2026</b>
<b>BID OPENING TIME:</b>	<b>10:00 A.M.</b>
<b>BID DEPOSIT:</b>	Bid bond or cashier's check in the amount of \$2,000 is required with submission of bid
<b>PERFORMANCE BOND:</b>	Required of the Successful bidder only after Contract Award

*PREPARED BY*  
*Village of Hoffman Estates*  
*Department of Public Works*  
*2305 Pembroke Avenue, Hoffman Estates IL. 60169*  
*847.490.6800*

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# HOFFMAN ESTATES

GROWING TO GREATNESS

Prospective Bidder,

The Village of Hoffman Estates is soliciting bids for the 2026–2028 Contract Roadway Pavement Markings, as described in the accompanying bid documents.

On behalf of the Village and its residents, we appreciate your interest in participating in this procurement process. Bidders are responsible for carefully reviewing the Instructions to Bidders and all associated legal documents and specifications prior to submitting a proposal. Any exception to the Village's requirements must be clearly identified in writing and fully explained. Deviations not properly disclosed and approved as part of the award may result in the bid being deemed non-responsive.

All equipment must be suitable for heavy-duty municipal, utility, or construction applications and must meet or exceed the stated minimum specifications. Unless expressly identified as "No Substitution," alternative equipment exceeding minimum standards may be proposed. All deviations or proposed enhancements must be clearly described in the bid submission.

Please note the following (see also Special Provisions):

- a. A \$2,000 bid security is required in the form of a cashier's check, certified check, or bid bond.
- b. A performance bond in the total contract amount is required of the successful bidder upon award of the contract.
- c. Failure to comply with these requirements may result in rejection of the bid.

The Village reserves the right to reject any or all bids, to award in whole or in part, and to waive informalities or technical irregularities in the best interest of the Village.

Questions regarding this solicitation, or requests to schedule the mandatory site visit, should be directed to John Kovaka, Traffic Operations Supervisor, at [John.Kovaka@vohe.org](mailto:John.Kovaka@vohe.org) or 847.490.6800.

Sincerely,

Joseph Nebel  
Director of Public Works

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1900 Hassell Road  
Hoffman Estates, Illinois, 60169  
[www.hoffmanestates.org](http://www.hoffmanestates.org)

Phone: 847-882-9100  
Fax: 847-843-4822

William D. McLeod  
MAYOR

Gary J. Pilafas  
TRUSTEE

Karen J. Arnet  
TRUSTEE

Karen V. Mills  
TRUSTEE

Gary Stanton  
TRUSTEE

Patty Richter  
VILLAGE CLERK

Anna Newell  
TRUSTEE

Patrick Kinnane  
TRUSTEE

Eric Palm  
VILLAGE MANAGER

VILLAGE OF HOFFMAN ESTATES  
NOTICE TO BID

The Village of Hoffman Estates Department of Public Works is soliciting sealed bids for the:

**2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS**

Sealed bids will be received at the Office of the Village Clerk, Village of Hoffman Estates, 1900 Hassell Road, Hoffman Estates, Cook County, Illinois until July 16th, 2026, at 10:00 AM, at which time they will be publicly opened and read aloud.

It is the responsibility of the bidder to ensure timely delivery. Any bid received after the specified time will be returned unopened. Bids must be submitted in a sealed envelope clearly marked "SEALED BID" and labeled with the following information:

Company Name  
Company Address  
Name of Bid ("2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS")  
Date and Time of Bid Opening

Specifications and complete bid documents may be obtained from the Office of the Clerk. Questions regarding solicitation may be directed to John Kovaka, Traffic Operations Supervisor, at John.Kovaka@vohe.org or 847.490.6800.

The Village strongly encourages minority-owned and women-owned business enterprises to submit bids. Prime contractors shall take affirmative steps to solicit participation from minority- and women-owned firms for any subcontract work.

The Village reserves the right to reject any or all bids, to award in whole or in part, and to waive any informalities or technical irregularities in the best interest of the Village.

By Order of the Mayor and Board of Trustees of the Village of Hoffman Estates.

\_\_\_\_\_  
6/29/26  
DATE

  
\_\_\_\_\_  
Patty Richter, Village Clerk

TO BE PUBLISHED ON July 1, 2026 PADDOCK PUBLICATIONS  
(DATE)

VILLAGE OF HOFFMAN ESTATES  
**BID CERTIFICATION FORM**

RE: Certification of bidder, compliance with the Illinois Criminal Code

I/We hereby certify that, \_\_\_\_\_ (name of bidding firm) by bidding on this contract, no action has occurred that would result in a violation of 720 ILCS 5/33E, Public Contracts of the Illinois Criminal Code.

Signed: \_\_\_\_\_

Name/Title: \_\_\_\_\_ (please print)

Date: \_\_\_\_\_

Attest: \_\_\_\_\_ (Notary Public)

Commission Expiry: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
(SEAL)

**THIS FORM IS MANDATORY AND MUST BE NOTORIZED.  
PLEASE INCLUDE THREE COPIES OF THIS FORM WITH YOUR BID  
DOCUMENTS.**

**VILLAGE OF HOFFMAN ESTATES  
SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATE**

The undersigned, upon being first duly sworn, hereby certifies to the Village of Hoffman Estates that the undersigned has in place a written Substance Abuse Prevention Program that meets or exceeds the requirements of the State of Illinois P.A. 095-0635, or has a collective bargaining agreement in effect dealing with the subject matter of P.A. 095-0635. The Contractor and Subcontractors will file a copy of the Substance Abuse Prevention Program, or collective bargaining agreement, with the Client prior to any work being conducted on the project.

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Title)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2026.

My Commission expires: \_\_\_\_\_

\_\_\_\_\_  
(Notary Public)

\_\_\_\_\_  
(SEAL)

**THIS FORM IS MANDATORY AND MUST BE NOTORIZED.  
PLEASE INCLUDE THREE COPIES OF THIS FORM WITH YOUR BID  
DOCUMENTS.**



# HOFFMAN ESTATES

DEPARTMENT OF PUBLIC WORKS

## CONTRACT

1. THIS AGREEMENT, made and concluded the \_\_\_\_ day of \_\_\_\_\_ (month, year) between the Village of Hoffman Estates, acting by and through its Mayor and Board of Trustees, known as the party of the first part, and \_\_\_\_\_ (name of firm), their executors, administrators, successors, or assigns, known as the party of the second part.
2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Bid/Proposal Documents hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Village Representative under it.
3. The party of the second part agrees to abide by all OSHA, IDOL, and MUTCD safety requirements and all laws and statutes of the State of Illinois including but not limited to the Prevailing Wage Act (if applicable). Prevailing rates of wages are revised by the Illinois Department of Labor and are available on the Department's official website.
4. And it is also understood and agreed that the Instructions to Bidders, General Conditions, Specifications, Scope of Services, Site Maps, and Contract Proposal hereto attached are essential documents of this contract and are a part hereof.
5. IN WITNESS WHEREOF, the said parties have executed these presents on the date above mentioned.

Attest:

\_\_\_\_\_  
 Clerk  
 (Seal Below)

The Village of Hoffman Estates

By: \_\_\_\_\_  
 Party of the First Part  
*(If a corporation)*

\_\_\_\_\_  
Corporate Name

\_\_\_\_\_  
 President, Party of the Second Part  
*(If a Co-Partnership)*

Attest:

\_\_\_\_\_  
 Secretary

\_\_\_\_\_  
Co-Partner

\_\_\_\_\_  
Co-Partner

\_\_\_\_\_  
 Doing business under the firm name,  
 Party of the Second Part  
*(If an individual)*

\_\_\_\_\_  
Party of the Second Part

**THIS CONTRACT FORM IS MANDATORY.  
 PLEASE INCLUDE THREE SIGNED COPIES WITH YOUR BID DOCUMENTS.**

**VILLAGE OF HOFFMAN ESTATES  
PERFORMANCE SURETY BOND FORM**

<b>BOND NO.</b>	<b>DATE BOND EXECUTED:</b>
<b>PRINCIPAL:</b>	<b>BOND AMOUNT: (written out &amp; numerically)</b>
<b>CO-PRINCIPAL(S):</b>	<b>CONTRACT DOCUMENTS:</b>
<b>SURETY(IES):</b>	<b>PROJECT:</b>

KNOW ALL MEN BY THESE PRESENTS, that we, the Principal(s) and Surety(ies) hereto, recite and declare that:

1. We are held and firmly bound to the obligee Village of Hoffman Estates, Illinois (hereinafter called "Village"), in the sum written above in lawful money of the United States of America, to be paid to the Village, its successors or assigns, for the payment whereof Principal(s), Co-Principals and Surety(ies) bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by this Bond.

2. The condition of this Bond is that if the Principal shall in every respect perform all of its obligations under the Contract Documents identified above, which Contract Documents are incorporated herein by reference, then this Bond shall be void; otherwise, the Bond shall continuously remain in full force and effect until released by the Village. Contract Documents shall also include any contracts, annexation agreements, development agreements, plats, zoning approvals, engineering plans, site plans or other Village documents associated with the Project, including any laws, ordinances or governmental regulations related to the Project.

3. Surety waives all of its surety defenses including, but not limited to, the following:

a) It shall be the duty of the Principal to notify the Surety of any revision of the plans, profiles and specifications referred to in the Contract Documents. The Surety expressly waives any right to receive notice from the obligee or to review or approve any revisions to the plans, profiles and specifications referred to in the Contract Documents which are required to meet governmental standards. No such revisions of any kind in the work shall in any way affect the obligation of the Surety under this Bond;

b) The addition or reduction in subdivision lots or area to those shown in the original plat of subdivision, site plan or construction plan referred to in the Development Document shall in no way affect the obligation of the Surety under this Bond;

c) Any extension of time beyond the period provided for in the Development Document for completion of its obligations under the Agreement shall in no way affect the obligation of the Surety under this Bond;

d) The failure or refusal of Village to take any action, proceeding, or steps to enforce any remedy or exercise any right under the Development Document, or that taking of any action, proceeding, or step by Village, acting in good faith upon the belief that same is permitted by the provisions of the Contract Documents, shall not in any way release

Principal or Surety, or either of them, or their respective executors, administrators, successors, or assigns, from liability under this Bond. Surety hereby waives notice of any amendment, indulgence made, granted or permitted;

e) The Principal, Co-Principal and Surety intend that each provision of this Bond be valid and binding upon them and expressly agree to abide thereby;

f) In the event of a default of this Bond, the Village may terminate whatever rights Principal, Co-Principal and/or Surety may have to perform further work on the Project.

g) The requirement of any other entity to perform any obligations contained in the Contract Documents shall in no way affect the obligations of the Surety under this Bond.

Default:

A default shall be deemed to have occurred on the part of the Principal if Principal shall fail to complete its obligations under the Contract Documents within the time set forth therein or any extensions thereof; or, prior to the expiration of such period, if in the sole judgment of the Village, the Principal has:

1) abandoned the performance of its obligations under the Contract Documents; or  
2) renounced or repudiated its obligations under the Contract Documents; or  
3) clearly demonstrated through insolvency, or otherwise, that its obligations under the Contract Documents cannot be completed within the time allotted under the Contract Documents.

b) If the Principal defaults in the performance of all or any part of the obligations specified in the Contract Documents, the Village shall give written notice of the default to the Surety, with a copy to the Principal and Co-Principal, if any. In the event of such default and notice, Surety shall, within 45 days of receipt of the default notice, give written notice to the Village stating whether Surety will assume the Development Document obligations and the obligations of the Principal, and should it elect to assume said obligations, Surety shall be required to complete the obligations specified in the Contract Documents according to its terms and provisions within 180 days of said notice, but not before expiration of the period provided for under the Contract Documents and approved extensions thereof. In the event that Surety elects to assume the obligations of Principal as provided herein and thereafter fails to faithfully perform all or any part of the work, or should it unnecessarily delay all or any part of the work, then the Village may proceed as provided in Paragraph No. 5 of this Bond.

5. Should Surety following notice of default

notify the Village that Surety elects not to assume the obligations of Principal under the Contract Documents, or fails within 45 days of receipt of the default notice as provided in Paragraph No. 4b) above to notify the Village whether Surety elects to assume the obligations of Principal under the Contract Documents, or having elected to assume the obligations of Principal, should it then fail to perform, then in any event the Village may elect any of the following procedures or any combination thereof:

a) Terminate whatever rights the Principal, Co-Principal and/or Surety may have to perform further work on the Project;

b) Take over or relet all or any part of the work under the Contract Documents which is not completed and complete the same for the account and at the expense of the Principal and Surety, who shall be jointly and severally liable to Village for the costs incurred in completion of the obligations under the Contract Documents and/or correction thereof. Such costs as identified in the Contract Documents shall include, but not be limited to, construction, engineering, surveying, maintenance, donations, impact fees, deterioration, administration, supervision, reasonable attorney's fees, and any costs associated or related to any litigation of the Bond agreement and shall be adjusted for inflation. The amount of Village's actual costs for completion and/or correction of the work required under the Contract Documents shall be conclusive of the extent of the liability of Principal and Surety and may exceed the Bond Amount;

c) Require the Surety to pay the Bond Amount to the Village as liquidated damages.

6. Should Surety, following notice of default notify the Village within 45 days of the receipt of the default notice choose to pay the Village for completion of the obligation under the Contract Documents, the Surety shall have the right to demand that the Village state a sum constituting the estimated costs at that time, of completion and/or correction of the work required under the Contract Documents, such as costs as defined in Paragraph No. 5b). Surety shall then immediately pay over to the Village the sum so stated and be released from any further obligations under this Bond. If funds are paid over under this section and the paid over funds are not sufficient to complete the work, the Village's sole remedy shall be to proceed against the Principal(s) and Co-Principals for any deficiency. If there are any paid over funds not necessary for completion of the work, the Village will return the excess to Surety after completion of the work.

7. If any action or proceeding is initiated in connection with this Bond and any and all obligations arising hereunder the venue thereof shall be in State Court in the County of Cook, State of Illinois, it is further understood and agreed that this contract shall be governed by the laws of the State of Illinois, both as to interpretation and performance.

8. All notices sent to the Principal(s), Co-Principals, and Surety(ies) shall be sent to the address set forth on the signature page unless said Principal(s), Co-Principal(s) and Surety(ies) notify the Village in writing of any change. If the addresses of any of the Principal(s), Co-Principal(s) and Surety(ies) change, the Principal(s), Co-Principal(s) or Surety(ies) shall immediately notify the Village in writing of such change. Failure to notify the Village of any change in address is deemed to be a waiver of any requirement for notice under this Bond to the Principal(s), Co-Principal(s) or Surety(ies). All written notices to the Village required under the Bond shall be sent certified mail to the Village Clerk.

9. If any one or more of the provisions of this Bond are determined to be illegal or unenforceable by a court of competent jurisdiction, all other provisions shall remain effective.

10. No party other than the Village shall have any rights under this Bond as against the Surety.

11. As part of the obligation secured hereby and in addition the Bond Amount specified herein, there shall be included costs, interest and reasonable expenses and fees (including, without limitation, attorneys' fees and costs), incurred by the Village in enforcing this agreement, to be awarded by the court.

12. Nonpayment of the premiums associated with this Bond will not invalidate this Bond nor shall Village be obligated for the payment thereof. Surety agrees to deliver written notice of non-payment under this Bond or other actions to the Village.

13. Surety waives its right to trial by jury.

**PERFORMANCE SURETY BOND  
VILLAGE OF HOFFMAN ESTATES**

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and sealed as of the day and year set forth above.

**PRINCIPAL**

Type of Organization: \_\_\_\_\_

Legal Name of Organization: \_\_\_\_\_

State of Incorporation: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Authorized Signature(s): \_\_\_\_\_

By: \_\_\_\_\_  
Signature

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
(Type name and title)

\_\_\_\_\_  
(Type name and title)

**ACKNOWLEDGMENT OF PRINCIPAL(S)**

STATE OF \_\_\_\_\_ :  
COUNTY/CITY OF \_\_\_\_\_ :

I, \_\_\_\_\_ Notary Public in and for the State and County/City aforesaid,  
do hereby certify that \_\_\_\_\_  
\_\_\_\_\_ whose name is signed to the foregoing bond, this day personally appeared before me in my State and  
County/City aforesaid and acknowledged the same.

Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

Surety: \_\_\_\_\_

Bond No.: \_\_\_\_\_

**CO-PRINCIPAL(S)**

Type of Organization:

Legal Name of Organization:

\_\_\_\_\_

\_\_\_\_\_

State of Incorporation:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Authorized Signature(s):

By: \_\_\_\_\_  
Signature

By: \_\_\_\_\_  
Signature

\_\_\_\_\_

\_\_\_\_\_

(Type name and title)

(Type name and title)

**ACKNOWLEDGMENT OF CO-PRINCIPAL(S)**

STATE OF \_\_\_\_\_:

COUNTY/CITY OF \_\_\_\_\_:

I, \_\_\_\_\_ Notary Public in and for the State and County/City aforesaid,  
do hereby certify that \_\_\_\_\_  
\_\_\_\_\_ whose name is signed to the foregoing bond, this day personally appeared before me in my State and  
County/City aforesaid and acknowledged the same.

Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

My commission expires: \_\_\_\_\_

\_\_\_\_\_

NOTARY PUBLIC

Surety: \_\_\_\_\_

Bond No.: \_\_\_\_\_

**CORPORATE SURETY**

Type of Organization:

Legal Name and Address:

\_\_\_\_\_

\_\_\_\_\_

Liability Limit:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Authorized Signature(s):

By: \_\_\_\_\_

Signature

By: \_\_\_\_\_

Signature

\_\_\_\_\_

(Type name and title)

\_\_\_\_\_

(Type name and title)

**ACKNOWLEDGMENT OF CORPORATE SURETY(S)**

STATE OF \_\_\_\_\_:

COUNTY/CITY OF \_\_\_\_\_:

I, \_\_\_\_\_ Notary Public in and for the State and County/City aforesaid,  
do hereby certify that \_\_\_\_\_  
\_\_\_\_\_ whose name is signed to the foregoing bond, this day personally appeared before me in my State and  
County/City aforesaid and acknowledged the same.

Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

My commission expires: \_\_\_\_\_

\_\_\_\_\_

NOTARY PUBLIC

Surety: \_\_\_\_\_

Bond No.: \_\_\_\_\_

2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKING  
**PROPOSAL FORM**

The undersigned, having examined all documents related to this proposal and having become familiar with the extent, nature, and local conditions affecting the cost and performance of the proposed work, hereby proposes to furnish all supervision, labor, equipment, and materials and to perform the work herein described at the proposal prices as included in this document. It is understood that the Village reserves the right to reject any and all proposals (including alternate proposals) and to waive any technicalities.

---

Name of Bid: \_\_\_\_\_

Company Name: \_\_\_\_\_

Bidder Name (print): \_\_\_\_\_

Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

*Prospective bidders, please note:*

- *The primary bid is for the 2026 Roadway Pavement Markings program. Alternate bids are requested for 2027 and 2028 and represent optional contract extensions.*

2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS  
**PROPOSAL FORM**

It is understood that this proposal form shall constitute a contract for the period of time commencing in July 2026 and terminating the end of November 2026. It is understood that payment will be made in full within thirty (30) days of installation work by the contractor and acceptance of the work by the Village. It is further understood that the Village of Hoffman Estates reserves the right to waive any formality in or to reject in whole or part, any bid, or all bids, including extended service years. All bid prices, for 2026 Contract Roadway Pavement Markings, shall remain firm the entirety of the project. All work must be completed no later than November 30, 2026.

The undersigned having examined all bid documents for this bid call and having visited all bid site locations is aware of all conditions affecting the professional roadway pavement markings requested, and agrees to delivery said specified services for the length of the contract period for the following bid prices.

Total price for labor, materials, and equipment specified in bid documents supplied and installed at various locations throughout the Village are as follows:

**Bid Prices for 2026 Service Year**

**Vendor Name:** \_\_\_\_\_ **Contact Person:** \_\_\_\_\_

2026-2028 CONTRACT PAVEMENT MARKING PAINT				
Item No.	Items	Unit	Quantity	Unit Price
1	Pavement Marking – 4” White (Long Line)	Feet	30,000	
2	Pavement Marking – 4” Yellow (Long Line)	Feet	65,000	
3	Pavement Marking – 6” White	Feet	21,000	
4	Pavement Marking – 6” Yellow	Feet	5,000	
5	Pavement Marking – 6” White (Long Line)	Feet	30,000	
6	Pavement Marking – 12” White	Feet	1,000	
7	Pavement Marking – 24” White	Feet	4,000	
8	Pavement Marking – 4” (Parking Areas Including layout)	Feet	10,000	
9	Pavement Marking Letters and Symbols	Sq. Feet	4,000	
10	Mechanical Grinding – 6” Pavement Marking	Sq. Feet	2,000	

**Quantities for above pavement markings are bid estimates only. Final payments on all items provided will be based upon unit prices bid multiplied by actual quantity install.**

**Alternate Bid Prices for 2027 Service Year**

**Vendor Name:** \_\_\_\_\_ **Contact Person:** \_\_\_\_\_

2026-2028 CONTRACT PAVEMENT MARKINGS Alternate Bid Prices for 2027 Service Year				
Item No.	Items	Unit	Quantity	Unit Price
1	Pavement Marking – 4” White (Long Line)	Feet	30,000	
2	Pavement Marking – 4” Yellow (Long Line)	Feet	65,000	
3	Pavement Marking – 6” White	Feet	21,000	
4	Pavement Marking – 6” Yellow	Feet	5,000	
5	Pavement Marking – 6” White (Long Line)	Feet	30,000	
6	Pavement Marking – 12” White	Feet	1,000	
7	Pavement Marking – 24” White	Feet	4,000	
8	Pavement Marking – 4” (Parking Areas Including layout)	Feet	10,000	
9	Pavement Marking Letters and Symbols	Sq. Feet	4,000	
10	Mechanical Grinding – 6” Pavement Marking	Sq. Feet	2,000	

**Quantities for above pavement markings are bid estimates only. Final payments on all items provided will be based upon unit prices bid multiplied by actual quantity install.**

**Alternate Bid Prices for 2028 Service Year**

**Vendor Name:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

2026-2028 CONTRACT PAVEMENT MARKINGS Alternate Bid Prices for 2028 Service Year				
Item No.	Items	Unit	Quantity	Unit Price
1	Pavement Marking – 4” White (Long Line)	Feet	30,000	
2	Pavement Marking – 4” Yellow (Long Line)	Feet	65,000	
3	Pavement Marking – 6” White	Feet	21,000	
4	Pavement Marking – 6” Yellow	Feet	5,000	
5	Pavement Marking – 6” White (Long Line)	Feet	30,000	
6	Pavement Marking – 12” White	Feet	1,000	
7	Pavement Marking – 24” White	Feet	4,000	
8	Pavement Marking – 4” (Parking Areas Including layout)	Feet	10,000	
9	Pavement Marking Letters and Symbols	Sq. Feet	4,000	
10	Mechanical Grinding – 6” Pavement Marking	Sq. Feet	2,000	

**Quantities for above pavement markings are bid estimates only. Final payments on all items provided will be based upon unit prices bid multiplied by actual quantity install.**

2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS  
**REFERENCES**

**BIDDER NOTE:** List five (5) references where like services have been performed in comparable scope. Like-services would include other municipalities, park districts, county and state agencies, large companies, etc. References are mandatory.

**BUSINESS NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**APPROX. DATE:** \_\_\_\_\_

**BUSINESS NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**APPROX. DATE:** \_\_\_\_\_

**BUSINESS NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**APPROX. DATE:** \_\_\_\_\_

**BUSINESS NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**APPROX. DATE:** \_\_\_\_\_

**BUSINESS NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

**APPROX. DATE:** \_\_\_\_\_

2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS  
**INSTRUCTIONS TO BIDDERS**

The general rules and conditions which follow apply to all bids requested and accepted by the Village of Hoffman Estates unless otherwise specified. Bidders are expected to fully inform themselves as to the conditions, requirements, and specifications prior to submitting bids. Failure to do so will be at the bidder's own risk. By submitting a bid, it is assumed by the Village that the vendor has familiarized themselves with all conditions and intends to comply with them unless otherwise noted.

**FORMS**

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All bids must be submitted on the forms provided, complete and intact, properly signed in ink in the appropriate spaces, and submitted in a sealed envelope. All bids must be delivered to the Village Clerk, 1900 Hassell Road, Hoffman Estates, IL. 60169 prior to the bid opening date and time published on the cover of this bid packet. Bidders should reference the Notice to Bid for instructions on preparing their bid proposal.

**ALTERNATE/MULTIPLE BIDS**

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The specifications contained within this bid packet are not intended to eliminate or exclude any bidder due to minor deviations, alternates, or changes. Bidders that desire to deviate from these specifications in their proposal are permitted to submit alternate/multiple bids. However, alternate bids must be clearly indicated as such with deviations from the applicable specifications clearly noted. The bid must be accompanied by complete specifications for the items offered. Any questions regarding the specifications, drawings, etc. shall be referred to that individual so referenced in the Specifications section. Vendors wishing to submit a secondary bid must do so as an alternate bid. Only one bid will be accepted per envelope.

The Village shall be the sole and final judge unequivocally as to whether any substitute is of sufficient quality. This decision is final and will not be subject to recourse by any person, firm, or corporation.

**RECEIVING OF BIDS**

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Bids received prior to the time of opening will be securely kept unopened. The Village Clerk, whose duty it is to open them, will decide when the specified time has arrived. No bid received thereafter will be considered. No responsibility will be assumed by the Village or the Village Clerk for premature or non-opening of bids not properly addressed and identified, except otherwise provided by law.

**LATE BIDS**

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Bids arriving after the specified time, whether sent by mail, courier, or in person, will not be accepted. These bids will either be refused or returned unopened. It is the Bidder's responsibility for timely delivery of bid proposals. Mailed bids which are delivered after the specified time will not be accepted regardless of post marked time on the envelope.

**BIDS BY FAX**

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Bids transmitted by fax will not be accepted, nor will the Village transmit bid documents to prospective bidders by way of fax machine.

## ERROR IN BIDS

When an error is made in extending total prices, the unit bid price will govern. Otherwise, the Bidder will not be relieved from errors in bid preparation. Erasures in bids must be explained over signature of Bidder.

## WITHDRAWAL OF BIDS

A written request for the withdrawal of a bid, or any part thereof, may be granted if the request is received by the Village Clerk prior to the specified time of opening. After opening, the Bidder cannot withdraw or cancel their bid for a period of sixty (60) calendar days or such longer time as stated in the bid documents.

## CONSIDERATION OF BIDS

No bid will be accepted from, or contract awarded to, any person, firm, or corporation that is in arrears or default to the Village upon any debt or contract, or that is a defaulter upon any obligation to the Village, or had failed to perform faithfully any previous contract with the Village. If requested, the Bidder shall present, within 48 hours, evidence satisfactory to the Village of performance ability and possession of necessary facilities, pecuniary resources, and adequate insurance to comply with the terms of these specifications and contract documents.

## PRICES

Unit prices shall be shown for each unit on which there is a bid and shall include all equipment, fuel charges, packing, crating, freight, and shipping/unloading charges unless otherwise stated in this bid packet. Unit prices shall not include any local, state, or federal taxes. The Village is exempt, by law, from paying State and Village Retailer's Occupation Tax, State Service Occupation Tax, and Federal Excise Tax. The Village will supply the successful bidder with the current tax exempt number.

Cash discounts will not be considered in determining contract price but may be used in the overall evaluation of bids.

## AWARD OR REJECTION OF BIDS

The Village reserves the right to award and/or reject any and all bids, or parts thereof, and to waive formalities and technicalities in the best interest of the Village. Any bid submitted will be binding for sixty (60) days subsequent to the date of the bid opening.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the supplies and/or services to be furnished in accordance with this bid. No plea of ignorance by the Bidder of conditions that exist or that may hereafter exist as a result of the Bidder's failure to make the necessary examinations and investigations will be accepted as a basis for varying the requirements of the Village of the compensation to the Bidder. **Any exceptions not taken by the Bidder shall be assumed by the Village to be included.**

A contract will be awarded to the lowest responsible bidder complying with the conditions of the contract documents only when it is in the best interest of the Village to accept such a bid. The Village shall be the sole judge of compliance with the specifications and reserves the right to accept or reject any and/or all bids or parts thereof.

## PAYMENT

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Payment will be made within thirty (30) days after acceptance of the equipment or services by the Village representative and Bidder's compliance with all stipulations relating to the bid/contract.

## REQUIREMENTS OF BIDDER

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The successful bidder shall, within ten (10) days after notification of award: enter into a contract, in writing, with the Village covering all matters as are set forth in the specifications of this bid; and carry insurance acceptable to the Village covering public liability, property damage, and workmen's compensation.

## COMPLIANCE WITH ALL LAWS

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All work under contract must be executed in accordance with all applicable local, state, and federal laws, ordinances, rules, and regulations.

## CONTRACT ALTERATIONS

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No amendment of a contract shall be valid unless made in writing and signed by the Village Manager or their authorized designee.

## NOTICES

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All notices required by the contractor shall be given in writing.

## NON-ASSIGNABILITY

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The contractor shall not assign the contract, or any part thereof, to any other person, firm, or corporation without the previous written consent of the Village Manager or their authorized designee. Such assignment shall not relieve the contractor from their obligations or change the terms of the contract.

## INDEMNITY

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The contractor shall indemnify and save harmless the Village, its officers, and its employees from any and all liability, losses, or damages, including attorney's fees and costs of defense, the Village may suffer as a result of claims, demands, suits, actions, or proceedings of any kind of nature, including workers' compensation claims, in any way resulting from or arising out of the operations of the contractor under this contract, including operations of subcontractors; and the contractor shall, at their own expense, appear, defend, and pay all fees of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith; and, if any judgements shall be rendered against the Village in any such action, the contractor shall, at their own expense, satisfy and discharge same. The contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by the contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Village as herein provided.

## EQUAL EMPLOYMENT OPPORTUNITY

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During the performance of the contract and/or supplying of materials, equipment, and supplies, the Bidder must be in full compliance with all provisions of the Acts of the General Assembly of the State of Illinois relating to employment, including equal opportunity requirements.

## REQUIRED INSURANCE

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In submission of a bid, the Bidder certifies that they have all insurance coverages required by law or would normally be expected for Bidder's type of business. In addition, the Bidder is certifying that they have at least the following insurance coverage:

<u>Type of Insurance</u>	<u>Occurrence</u>	<u>Aggregate</u>
GENERAL LIABILITY		
Bodily Injury	\$1,000,000	\$3,000,000
Property Damage	\$1,000,000	\$3,000,000
Contractual Insurance – Broad Form	\$1,000,000	\$3,000,000

### AUTOMOBILE LIABILITY

Bodily Injury	\$1,000,000	\$1,000,000
Property Damage	\$1,000,000	\$1,000,000

This insurance must include non-owned, hired, or rented vehicles, as well as owned vehicles.

### WORKMEN'S COMPENSATION AND OCCUPATIONAL DISEASES

Statutory for Illinois

Employer's Liability Coverage	\$1,000,000 per accident
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**NOTE:** the specifications may require higher limits or additional types of insurance coverages than shown above. The contractor will be required to furnish a certificate proof of insurance coverage.

The Bidder further agrees to indemnify the Village and save it harmless against and from all loss, damage, expense, liability, or claim of liability arising out of the performance of the contractor, any subcontractors, or their employees in connection with the contract. Contracts and subcontractors are to grant the Village an "additionally insured" status on all applicable insurance policies and provide the Village with original endorsements affecting coverage required by this clause. Said policies will not be canceled unless the Village is provided a thirty (30) day written notice. Any deductibles or self-insured retentions as respects the Village or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration, and defense expenses. Nothing contained in the insurance requirement shall be construed as limiting the extent of the contractor's responsibilities for payment of damages resulting from operations under this agreement.

## BID PERFORMANCE DEPOSIT

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When it is required, it will be so stated elsewhere within this bid package along with the amount required. In all cases where a deposit is required, it must accompany the bid. The deposit is to be in the form of a bid bond or certified/cashier's check. All bid performance deposit checks will be retained by the Village until the bid award is made, at which time the checks will be promptly returned to the unsuccessful bidders. The bid performance deposit check of the successful bidder will be retained until the goods or services have been received or completed/installed and found to be in compliance with the specification or until surety bonding requirements have been satisfied and proof of insurance coverage is provided in accordance with the Special Provisions section of these specifications.

## ACCEPTANCE

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After acceptance and award of the bid, and upon receipt of a written purchase order executed by the proper officials of the Village, this instruction to bidders, and all other portions of the bid documents, including specifications, will constitute part of the legal contract between the Village of Hoffman Estates and the successful bidder.

## DEFAULT

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The Village may terminate a contract by written notice of default to the contractor if:

- a. The contractor fails to make delivery of the materials or perform the services within the time specified in the proposal.
- b. The contractor fails to make progress so as to endanger performance of the contract.
- c. The contractor fails to provide or maintain, in full force and effect, the liability and indemnification coverages or performance bond as is required.

If the Village terminates the contract, the Village may procure supplies or services similar to those so terminated, and the Contractor shall be liable to the Village for any excess costs for similar supplies and services, unless the Contractor provides acceptable evidence that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

## SPECIAL CONDITIONS

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Wherever special conditions /requirements are written into the Specifications or Special Provisions which conflict with conditions stated in these instructions to bidders, the conditions stated in the Specifications or Special Provisions/Requirements shall take precedence.

## PERMITS AND LICENSES

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The successful bidder shall obtain, at their own expense, all permits and licenses which may be required to complete the contract (where applicable).

## GENERAL GUARANTY

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Neither the final certificate of payment nor any provision in the contract nor partial or entire use of the equipment embraced in this contract by the Village or the Public shall constitute an acceptance of work not done in accordance with the contract or relieve the Contractor of liability in respect to any express warranties or responsibility for failure to comply with the terms of those Contract Documents.

It is expressly agreed by the parties hereto that in the event any defects or imperfections in the materials or workmanship to be furnished by the Contractor herein appear within the period of one year from the date of completion of all the work mentioned herein and acceptance thereof by the Village of Hoffman Estates, the Contractor will, upon notice from the said Village (which notice may be given by letter to said Contractor to the business address of the Contractor shown in the Proposal), repair and make good at his own cost any such defects or imperfections and replace any defective or imperfect materials or workmanship with other materials or workmanship satisfactory to said Village, and furnish all such new materials and labor as may be necessary to do so; and in the event of the failure, refusal or delay of said workmanship or materials said Village may do so or have same done by others, and said Contractor and surety or sureties on their bond given for the faithful performance of this contract shall be liable to the Village of Hoffman Estates for all damages and expenses occasioned by such failure, refusal or delay.

## MINIMUM WAGES

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All laborers and mechanics employed by Contractors and Subcontractors on construction work for this project shall be paid wages at rates no less than those prevailing on similar construction in the locality as determined by the Secretary of Labor in accordance with the Davis-Bacon Act, as amended (40 U.S.C. 276a-276a-5), and shall receive overtime compensation in accordance with and subject to the provisions of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), and the Contractors and Subcontractors shall comply with all regulations issued pursuant to these Acts and with other applicable Federal laws and regulations pertaining to labor standards. The Secretary of Labor has, with respect to the labor standards specified in this Section, the 1950 (5 U.S.C. 133z-15) and Section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c).

No less than the prevailing wage shall be paid for labor on the work to be done as required by law.

## HIRING OF ILLINOIS WORKERS

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The Illinois Department of Labor provided notice that due to the high unemployment rate caused by the ongoing COVID-19 pandemic, the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/3, will take effect beginning July 1, 2020. The state law requires the workforce on all public works projects to be comprised of a minimum of 90% Illinois residents.

If Illinois' rate of unemployment falls below 5%, this statute will no longer be in effect.

(30 ILCS 570/3) (from Ch. 48, par. 2203)

Sec. 3. Employment of Illinois laborers. Whenever there is a period of excessive unemployment in Illinois, if a person or entity is charged with the duty, either by law or contract, of (1) constructing or building any public works, as defined in this Act, or (2) the clean-up and on-site disposal of hazardous waste for the State of Illinois or any political subdivision of the State, and that clean-up or on-site disposal is funded or financed in whole or in part with State funds or funds administered by the State of Illinois, then that person or entity shall employ at least 90% Illinois laborers on such project. Any public works project financed in whole or in part by federal funds administered by the State of Illinois is covered under the provisions of this Act, to the extent permitted by any applicable federal law or regulation. Every public works contract let by any such person shall contain a provision requiring that such labor be used: Provided, that other laborers may be used when Illinois laborers as defined in this Act are not available, or are incapable of performing the particular type of work involved, if so certified by the contractor and approved by the contracting officer. (Source: P.A. 96-929, eff. 6-16-10.)

## ILLINOIS WORKS JOBS PROGRAM ACT APPRENTICESHIP INITIATIVE

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Pursuant to the Illinois Works Jobs Program Act, 30 ILCS 559/20-1 et seq., for public works projects estimated to cost \$500,000 or more, the goal of the Illinois Works Apprenticeship Initiative is that apprentices will perform either 10% of the total hours actually worked in each prevailing wage classification or 10% of the estimated labor hours in each prevailing wage classification, whichever is less.

For projects with an estimated total project cost of \$500,000 or more and for which 50% or more of the project is being funded by appropriated capital funds, the 10% apprenticeship goal applies to all prevailing wage eligible work on the project. For projects receiving \$500,000 or more of appropriated capital funds but for which the appropriated capital funds are less than half of the total project costs, the 10% apprenticeship goal only applies to prevailing wage eligible work being funded by the appropriated capital funds. The 10% apprenticeship goal does not apply to projects with an estimated total project cost of less

than \$500,000 or to projects with an estimated total project cost of \$500,000 or more but for which the appropriated capital funds for the project are both less than \$500,000 and less than 50% of the estimated total project costs.

## BIDDER QUALIFICATIONS

All bidders must submit the following information on or before the time at which the proposal is required to be submitted:

- a. The location and description of the Bidder's permanent place of business.
- b. Evidence of ability to provide an efficient and adequate plan for executing the work.
- c. A list of similar projects carried out by the Bidder.
- d. A list of projects the Bidder presently has under contract.
- e. Any additional evidence tending to show that the Bidder is adequately prepared to fulfill the contract.

## BID CERTIFICATION FORM

All bid submittals must include a signed Bid Certification Form (copy included within this document) certifying that Bidder is in compliance with Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1961 regarding bid rigging/rotating.

Illinois State Law Article 33E-3 and 33E-4 states that it is unlawful to participate in bid rigging and/or rotating. State law further states that it is unlawful to award a contract to any individual or entity that is delinquent in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting the amount and/or liability through proper procedures. Therefore, all bidders must certify that they are not barred from bidding on the contract as a result of a violation of State Law 33E-3 and 33E-4, prohibiting bid rigging and/or rotation, and that the bidder is not delinquent in the payment of any tax, unless it is contests in accordance with the procedures established by the appropriate revenue act. It is necessary that this be done under oath; therefore, **the form included with bid submittals must be notarized.**

## DEVIATIONS

Unless denoted "no substitution", the Village's minimum required specifications may be exceeded. However, **vendors must list all specification deviations and provide a description and/or catalog sheet that fully describes that which they propose to furnish in lieu of the specification.** Final bid acceptance shall be based upon that bid deemed most favorable to the interests of the Village after all bids have been examined and canvassed.

## INFORMATION MAINTAINED BY THE LEGISLATIVE REFERENCE BUREAU

Updating the database of the Illinois Compiled Statutes (ILCS) is an ongoing process. Recent laws may not yet be included in the ILCS database, but they are found on this site as Public Acts soon after they become law.

For information concerning the relationship between statutes and Public Acts, refer to the Guide.

Because the statute database is maintained primarily for legislative drafting purposes, statutory changes are sometimes included in the statute database before they take effect. If the source note at the end of a Section of the statutes includes a Public Act that has not yet taken effect, the version of the law that is currently in

effect may have already been removed from the database and you should refer to that Public Act to see the changes made to the current law.

## ARTICLE 33E. PUBLIC CONTRACTS (720 ILCS 5/Art. 33E heading)

### Sec. 33E-1. Interference with public contracting

It is the finding of the General Assembly that the cost to the public is increased and the quality of goods, services, and construction paid for by public monies is decreased when contracts for such goods, services, or construction are obtained by any means other than through independent non-collusive submission of bids or offers by individual contractors or suppliers, and the evaluation of those bids or offers by the governmental unit pursuant only to criteria as publicly announced in advance. (Source: P.A. 85-1295.) (720 ILCS 5/33E-1) (from Ch. 38, par. 33E-1).

### Sec. 33E-2. Definitions

In this Act:

- a. "Public contract" means any contract for goods, services, or construction let t any person with or without bid by any unit of State or local government.
- b. "Unit of State or local government" means the State, any unit of state government or agency thereof, any county or municipal government or committee or agency thereof, or any other entity which is funded by or expends tax dollars or the proceeds of publicly guaranteed bonds.
- c. "Change order" means a change in a contract term other than as specifically provided for in the contract which authorizes or necessitates any increase or decrease in the cost of the contract or the time to completion.
- d. "Person" means any individual, firm, partnership, corporation, joint venture or other entity, but does not include a unit of State or local government.
- e. "Person employed by any unit of State or local government" means any employee of a unit of State or local government and any person defined in subsection (d) who is authorized by such unit of State or local government to act on its behalf in relation to any public contract.
- f. "Sheltered market" has the meaning ascribed to it in Section 8b of the Business Enterprise for Minorities, Women, and Persons with Disabilities Act; except that, with respect to State contracts set aside for award to service-disabled veteran-owned small businesses and veteran-owned small businesses pursuant to Section 45-57 of the Illinois Procurement Code, "sheltered market" means procurements pursuant to that Section.
- g. "Kickback" means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided, directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.
- h. "Prime contractor" means any person who has entered into a public contract.
- i. "Prime contractor employee" means any officer, partner, employee, or agent of a prime contractor.
- j. "Stringing" means knowingly structuring a contract or job order to avoid the contract or job order being subject to competitive bidding requirements.
- k. "Subcontract" means a contract or contractual action entered into by a prime contractor or subcontractor for the purpose of obtaining goods or services of any kind under a prime contract.
- l. "Subcontractor" (1) means any person, other than the prime contractor, who offers to furnish or furnishes any goods or services of any kind under a prime contract or a subcontract entered into in connection with such prime contract; and (2) includes any person who offers to furnish or furnishes goods or services to the prime contractor or a higher tier subcontractor.

m. "Subcontractor employee" means any officer, partner, employee, or agent of a subcontractor.

(Source: P.A. 100-391, eff. 8-25-17.) (720 ILCS 5/33E-2) (from Ch. 38, par. 33E-2)  
Sec. 33E-3. Bid-rigging

A person commits the offense of bid-rigging when he knowingly agrees with any person who is, or but for such agreement would be, a competitor of such person concerning any bid submitted or not submitted by such person or another to a unit of State or local government when with the intent that the bid submitted or not submitted will result in the award of a contract to such person or another and he either (1) provides such person or receives from another information concerning the price or other material term or terms of the bid which would otherwise not be disclosed to a competitor in an independent non-collusive submission of bids or (2) submits a bid that is of such a price or other material term or terms that he does not intend the bid to be accepted.

Bid-rigging is a Class 3 felony. Any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty; or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer, or a high managerial agent on behalf of the corporation as provided in paragraph (2) of subsection (a) of Section 5-4 of this Code. (Source: P.A. 86-150.) (720 ILCS 5/33E-3) (from Ch. 38, par. 33E-3)

Sec. 33E-4. Bid rotating

A person commits the offense of bid rotating when, pursuant to any collusive scheme or agreement with another, he engages in a pattern over time (which, for the purposes of this Section, shall include at least 3 contract bids within a period of 10 years, the most recent of which occurs after the effective date of this amendatory Act of 1988) of submitting sealed bids to units of State or local government with the intent that the award of such bids rotates, or is distributed among, persons or business entities which submit bids on a substantial number of the same contracts. Bid rotating is a Class 2 felony. Any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer, or a high managerial agent on behalf of the corporation as provided in paragraph (2) of subsection (a) of Section 5-4 of this Code. (Source: P.A. 86-150.) (720 ILCS 5/33E-4) (from Ch. 38, par. 33E-4)

Sec. 33E-5. Acquisition or disclosure of bidding information by public official

- a. Any person who is an official of or employed by any unit of State or local government who knowingly opens a sealed bid at a time or place other than as specified in the invitation to bid or as otherwise designated by the State or unit of local government, or outside the presence of witnesses required by the applicable statute or ordinance, commits a Class 4 felony.
- b. Any person who is an official of or employed by any unit of State or local government who knowingly discloses to any interested person any information related to the terms of a sealed bid

whether that information is acquired through a violation of subsection (a) or by any other means except as provided by law or necessary to the performance of such official's or employee's responsibilities relating to the bid, commits a Class 3 felony.

- c. It shall not constitute a violation of subsection (b) of this Section for any person who is an official of or employed by any unit of State or local government to make any disclosure to any interested person where such disclosure is also made generally available to the public.
- d. This Section only applies to contracts let by sealed bid.

(Source: P.A. 86-150.) (720 ILCS 5/33E-5) (from Ch. 38, par. 33E-5)

#### Sec. 33E-6. Interference with contract submission and award by public official

- a. Any person who is an official of or employed by any unit of State or local government who knowingly conveys, either directly or indirectly, outside of the publicly available official invitation to bid, pre-bid conference, solicitation for contracts procedure or such procedure used in any sheltered market procurement adopted pursuant to law or ordinance by that unit of government, to any person any information concerning the specifications for such contract or the identity of any particular potential subcontractors, when inclusion of such information concerning the specifications or contractors in the bid or offer would influence the likelihood of acceptance of such bid or offer, commits a Class 4 felony. It shall not constitute a violation of this subsection to convey information intended to clarify plans or specifications regarding a public contract where such disclosure of information is also made generally available to the public.
- b. Any person who is an official of or employed by any unit of State or local government who, either directly or indirectly, knowingly informs a bidder or offerer that the bid or offer will be accepted or executed only if specified individuals are included as subcontractors commits a Class 3 felony.
- c. It shall not constitute a violation of subsection (a) of this Section where any person who is an official of or employed by any unit of State or local government follows procedures established (i) by federal, State or local minority or female owned business enterprise programs or (ii) pursuant to Section 45-57 of the Illinois Procurement Code.
- d. Any bidder or offerer who is the recipient of communications from the unit of government which he reasonably believes to be proscribed by subsections (a) or (b), and fails to inform either the Attorney General or the State's Attorney for the county in which the unit of government is located, commits a Class A misdemeanor.
- e. Any public official who knowingly awards a contract based on criteria which were not publicly disseminated via the invitation to bid, when such invitation to bid is required by law or ordinance, the pre-bid conference, or any solicitation for contracts procedure or such procedure used in any sheltered market procurement procedure adopted pursuant to statute or ordinance, commits a Class 3 felony.
- f. It shall not constitute a violation of subsection (a) for any person who is an official of or employed by any unit of State or local government to provide to any person a copy of the transcript or other summary of any pre-bid conference where such transcript or summary is also made generally available to the public.

(Source: P.A. 97-260, eff. 8-5-11.) (720 ILCS 5/33E-6) (from Ch. 38, par. 33E-6)

#### Sec. 33E-7. Kickbacks

- a. A person violates this Section when he knowingly either:
  1. provides, attempts to provide or offers to provide any kickback;
  2. solicits, accepts or attempts to accept any kickback; or
  3. includes, directly or indirectly, the amount of any kickback prohibited by paragraphs (1) or (2) of this subsection (a) in the contract price charged by a subcontractor to a prime contractor or a higher tier subcontractor or in the contract price charged by a prime contractor to any unit of State or local government for a public contract.
- b. Any person violates this Section when he has received an offer of a kickback, or has been solicited to make a kickback, and fails to report it to law enforcement officials, including but not limited to the Attorney General or the State's Attorney for the county in which the contract is to be performed.
- c. A violation of subsection (a) is a Class 3 felony. A violation of subsection (b) is a Class 4 felony.
- d. Any unit of State or local government may, in a civil action, recover a civil penalty from any person who knowingly engages in conduct which violates paragraph (3) of subsection (a) of this Section in twice the amount of each kickback involved in the violation. This subsection (d) shall in no way limit the ability of any unit of State or local government to recover monies or damages regarding public contracts under any other law or ordinance. A civil action shall be barred unless the action is commenced within 6 years after the later of (1) the date on which the conduct establishing the cause of action occurred or (2) the date on which the unit of State or local government knew or should have known that the conduct establishing the cause of action occurred.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-7) (from Ch. 38, par. 33E-7)

#### Sec. 33E-8. Bribery of inspector employed by contractor

- a. A person commits bribery of an inspector when he offers to any person employed by a contractor or subcontractor on any public project contracted for by any unit of State or local government any property or other thing of value with the intent that such offer is for the purpose of obtaining wrongful certification or approval of the quality or completion of any goods or services supplied or performed in the course of work on such project. Violation of this subsection is a Class 4 felony.
- b. Any person employed by a contractor or subcontractor on any public project contracted for by any unit of State or local government who accepts any property or other thing of value knowing that such was intentionally offered for the purpose of influencing the certification or approval of the quality or completion of any goods or services supplied or performed under subcontract to that contractor, and either before or afterwards issues such wrongful certification, commits a Class 3 felony. Failure to report such offer to law enforcement officials, including but not limited to the Attorney General or the State's Attorney for the county in which the contract is performed, constitutes a Class 4 felony.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-8) (from Ch. 38, par. 33E-8)

#### Sec. 33E-9. Change orders

Any change order authorized under this Section shall be made in writing. Any person employed by and authorized by any unit of State or local government to approve a change order to any public contract who knowingly grants that approval without first obtaining from the unit of State or local government on whose behalf the contract was signed, or from a designee authorized by that unit of State or local government, a determination in writing that (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the contract was signed, or (2) the change is germane to the original contract as signed, or (3) the change order is in the best interest of the unit of State or local government and

authorized by law, commits a Class 4 felony. The written determination and the written change order resulting from that determination shall be preserved in the contract's file which shall be open to the public for inspection. This Section shall only apply to a change order or series of change orders which authorize or necessitate an increase or decrease in either the cost of a public contract by a total of \$10,000 or more or the time of completion by a total of 30 days or more. (Source: P.A. 86-150; 87-618.) (720 ILCS 5/33E-9) (from Ch. 38, par. 33E-9)

#### Sec. 33E-10. Rules of evidence

- a. The certified bid is prima facie evidence of the bid.
- b. It shall be presumed that in the absence of practices proscribed by this Article 33E, all persons who submit bids in response to an invitation to bid by any unit of State or local government submit their bids independent of all other bidders, without information obtained from the governmental entity outside the invitation to bid, and in a good faith effort to obtain the contract.

(Source: P.A. 85-1295.) (720 ILCS 5/33E-10) (from Ch. 38, par. 33E-10)

#### Sec. 33E-11

- a. Every bid submitted to and public contract executed pursuant to such bid by the State or a unit of local government shall contain a certification by the prime contractor that the prime contractor is not barred from contracting with any unit of State or local government as a result of a violation of either Section 33E-3 or 33E-4 of this Article. The State and units of local government shall provide the appropriate forms for such certification.
- b. A contractor who knowingly makes a false statement, material to the certification, commits a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-11) (from Ch. 38, par. 33E-11)

#### Sec. 33E-12

It shall not constitute a violation of any provisions of this Article for any person who is an official of or employed by a unit of State or local government to (1) disclose the name of any person who has submitted a bid in response to or requested plans or specifications regarding an invitation to bid or who has been awarded a public contract to any person or, (2) to convey information concerning acceptable alternatives or substitute to plans or specifications if such information is also made generally available to the public and mailed to any person who has submitted a bid in response to or requested plans or specifications regarding an invitation to bid on a public contract or, (3) to negotiate with the lowest responsible bidder a reduction in only the price term of the bid. (Source: P.A. 86-150.) (720 ILCS 5/33E-12) (from Ch. 38, par. 33E-12)

#### Sec. 33E-13

Contract negotiations under the Local Government Professional Services Selection Act shall not be subject to the provisions of this Article. (Source: P.A. 87-855.) (720 ILCS 5/33E-13) (from Ch. 38, par. 33E-13)

#### Sec. 33E-14. False statements on vendor applications

- a. A person commits false statements on vendor applications when he or she knowingly makes any false statement or report with the intent to influence in any way the action of any unit of local government or school district in considering a vendor application.
- b. Sentence. False statements on vendor applications is a Class 3 felony.

(Source: P.A. 99-78, eff. 7-20-15.) (720 ILCS 5/33E-14)

Sec. 33E-15. False entries

- a. An officer, agent, or employee of, or anyone who is affiliated in any capacity with any unit of local government or school district commits false entries when he or she makes a false entry in any book, report, or statement of any unit of local government or school district with the intent to defraud the unit of local government or school district.
- b. Sentence. False entries is a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-15)

Sec. 33E-16. Misapplication of funds

- a. An officer, director, agent, or employee of, or affiliated in any capacity with any unit of local government or school district commits misapplication of funds when he or she knowingly misapplies any of the moneys, funds, or credits of the unit of local government or school district.
- b. Sentence. Misapplication of funds is a Class 3 felony.

(Source: P.A. 97-1108, eff. 1-1-13.) (720 ILCS 5/33E-16)

Sec. 33E-17. Unlawful participation

Whoever, being an officer, director, agent, or employee of, or affiliated in any capacity with any unit of local government or school district participates, shares in, or receiving directly or indirectly any money, profit, property, or benefit through any contract with the unit of local government or school district, with the intent to defraud the unit of local government or school district is guilty of a Class 3 felony. (Source: P.A. 90-800, eff. 1-1-99.) (720 ILCS 5/33E-17)

Sec. 33E-18. Unlawful stringing of bids

- a. A person commits unlawful stringing of bids when he ,or she, with the intent to evade the bidding requirements of a:ny unit of local government or school district, knowingly strings or assists in stringing or attempts to string any contract or job order with the unit of local government or school district.
- b. Sentence. Unlawful stringing of bids is a Class 4 felony.

(Source: P.A. 97-1108, eff. 1-1-13; 98-756, eff. 7-16-14.) (720 ILCS 5/33E

2026 – 2028 CONTRACT ROADWAY PAVEMENT MARKINGS

**GENERAL CONDITIONS**

CONTRACT PERIOD

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Unless otherwise directed the specific time during which this contract will be in effect is July, up to and including December 31, of the bid proposal year. The contract will commence upon receiving seven (7) days' notice from the Department of Public Works Director or a designee.

EXAMINATION OF CONTRACT DOCUMENTS AND JOB LOCATIONS

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Bidders shall completely familiarize themselves with the bid documents and job locations referenced within this call for bids. Bidder shall make all investigations required to be thoroughly informed regarding the work, work sites, and/or service to be furnished in accordance with his bid proposal. No plea of ignorance by the bidder of conditions that exist or that may hereafter exist as a result of failure or omission on the part of the bidder to make the necessary examinations and investigation will be accepted as a basis for varying the requirements of the Village of the compensation to the bidder.

SCOPE OF SERVICES

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This Request for Proposal/Bid will serve to outline the Roadway Pavement Marking services required by the Village of Hoffman Estates for the application of paint to the Village owned properties, which are more fully described within these bid documents. **Bid for pavement striping should be based on a cost per Lineal Foot** as it is unknown at this time as to the exact number of footage to be striped. The exact footages will be measured on proposed cost versus budget allotment available and is **anticipated but not guaranteed** to be as stated within this Document.

ALTERNATE BIDS – CONTRACT EXTENSIONS

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The Village recognizes the potential value in the extension of the original first year contract with the successful vendor, based upon first year performance and competitive pricing. Contractors are advised that the bid proposal page also seeks alternate bid prices to extend the first year contract for each of two (2) additional Roadway Pavement Marking seasons, 2027 and 2028 (March – December 31 of each year).

Interested bidders should tender bids for contract extensions within the spaces provided upon the bid forms. Contract extension bids should be based upon the same scope of services requested for the 2026 season, unless otherwise noted.

TIMES OF OPERATION

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Unless otherwise authorized by the Director of Public Works or his designee:

- a. Operations will be performed during the following hours: 7:00 a.m. to 4:30 p.m., Monday through Friday only.
- b. No operations will be performed on Saturdays or Sundays, or performed on days which have been declared legal holidays in the State of Illinois, unless approved by the Director of Public Works.

## TRAFFIC CONTROL AND PROTECTION

The Contractor shall pursue his work without interruption or interference to traffic, except as herein specified. The Contractor shall provide at his own expense, all signs, cones, barricades, lights, flagmen and such protection to traffic as may be deemed necessary to protect the workman and the motoring public and to protect the newly placed marking from tracking, and vehicles, the public and other property from paint contamination.

Traffic control and protection shall conform to Article 107.14 of the “Standard Specifications for Road and Bridge Construction” Illinois Department of Transportation/Adopted January 1, 2022, or, latest revision and to the appropriate standards contained in Part VI, Traffic Control for Street and Highway. Construction, Maintenance, Utility and Emergency Operations of the “Manual on Uniform Traffic Control Devices for Streets and Highways” Millennium Edition, or, latest revision; and the “Illinois Supplement to the National Manual on Uniform Traffic Control Devices” Adopted November, 2021, or latest revision.

Conformance to these traffic control and protection standards will not be paid for as a separate item but will be considered incidental to the contract and no additional compensation will be allowed.

## DESCRIPTION

This work shall consist of furnishing and installing reflectorized yellow center lines, no-passing lines, channelizing lines and reflectorized white edge lines, curved lines, parking lane lines, lane lines, left and right auxiliary turn lanes, crosswalks, stop bars, all letters and symbols, and yellow or white curb, median or island marking, parking lot stall lines. With the exception of marking details and material specified in this document, all material and work will be required to conform to the latest “Standard Specifications for Road and Bridge Construction” Illinois Department of Transportation/Adopted January 1, 2009 or the latest revision; “Manual on Uniform Traffic Control Devices for Streets and Highways” Millennium Edition, Federal Highway Administration; “Illinois Supplement to the National Manual on Uniform Traffic Control Devices” Adopted March 1990 or latest revision; and subsequent revisions/supplements to each of the above.

## MATERIAL

The specification approved by the State of Illinois, Department of Transportation contained herein for white and yellow Pavement Marking Paint per IDOT T-1095.02 shall apply. The specification approved by the State of Illinois, Department of Transportation contained herein for Glass Beads for pavement markings per IDOT T-1095.07 shall apply.

## INSTALLATION REQUIREMENTS

Painted pavement markings shall be installed in accordance with the following requirements:

- a. On all surfaces prior to the application of paint, the contractor shall make certain that the pavement surface is dry and free of dirt, grease and loose paint or any other marking to the satisfaction of the Field Supervisor. The Contractor, prior to the beginning of work, shall advise the Field Supervisor as to his method of cleaning the pavement. He may be required to demonstrate the effectiveness of the proposed method.

- b. The finished lines shall be smooth, straight and neat appearing. The edge of a center line or lane line shall be offset a minimum distance of 2 inches from a longitudinal crack or joint. Edge lines shall be approximately 2 inches from the edge of the pavement. The finished center and lane lines shall be straight, with the lateral deviation of any 10-foot line not to exceed 1 inch.
- c. Skip-dash center and lane lines shall have a 10' (yellow or white) line and a 30' skip or as otherwise directed by the Field Supervisor.
- d. The skip-dash auxiliary lane entrance marking shall consist of a 6" white line, 2' in length with a 6' skip.
- e. All marking composed of two or more lines shall have exactly matching terminals.
- f. The materials shall meet the requirements set forth in this proposal and shall conform to the requirements of the Illinois Department of Transportation latest edition "Standard Specifications for Road & Bridge Construction". In addition, the material used for fast dry black pavement marking paint (lead free waterborne type) shall be approved and certified for use through the Department of Transportation.
- g. The Contractor shall request and secure Village of Hoffman Estates inspection of all stencils fabricated in accordance with the Standards included in this document and which shall prevail over the existing marking. The finished lines, letters and symbols shall be smooth, straight, and neat in appearance and of uniform color and thickness.

#### EQUIPMENT REQUIREMENTS

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The equipment to be employed for this contract shall meet the following requirements:

- a. The application equipment shall be capable of providing a smooth, straight line of the width and pattern required. The application equipment shall be such as to accurately follow road irregularities and produce lines of uniform dimension. Letters, symbols and pavement marking other than edge, lane and center lines may be placed with hand-operated machines. With the approval of the Engineer, hand-operated machines may be employed where only a limited quantity of line is required.
- b. Truck mounted equipment shall have a minimum of two (2) paint tanks with a minimum capacity of 50 gallons per tank and a total minimum capacity of 100 gallons. The truck shall have a separate bead dispensing tank.
- c. The paint tanks shall be equipped with agitators which shall be in operation at least 50% of the time.
- d. All trucks must be equipped with operating rotary beacons and flashing lights visible for a safe distance during the striping operation.
- e. The Contractor shall abide by all local ordinances governing the use of this type of equipment.

Subsequent to the award of the contract, the Contractor shall furnish evidence or certification, satisfactory to the Village Agent that the equipment to be used on this contract meets the requirements stated herein.

The Department reserves the right to inspect any or all of the required equipment prior to awarding the contract and at any time during the contract.

#### QUANTITIES

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The Village reserves the right to add or delete the bid quantities by a maximum of 25%, at the discretion of the Director of Public Works. Any increase or decrease in the contract amount will be brought to the contractor's attention prior to the execution of services.

#### EXTRA WORK

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If the contractor is directed by the Director of Public Works or a designee, to apply extra Roadway Pavement Markings, payment for such work will be in accordance with the cost specified in the approved contractor's bid sheet.

#### LOCATIONS AND PROGRESS REPORTING

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Detailed maps of all locations where Roadway Pavement Markings will be applied per this contract will be provided as needed.

The Contractor will be required to maintain and, when requested, present adequate records concerning project status. This shall generally be done by use of check-off or progress sheets as provided by the Department of Public Works and shall be turned in on a daily basis. The sheets will indicate the streets where work was performed and the time of day in which the work was performed. A Field Supervisor from Public Works will follow up and inspect completed work.

#### PAYMENT

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Work shall be paid for within thirty (30) days after the satisfactory completion of requested pavement markings applications and inspections in accordance with the amount specified in the approved contractor's bid sheet. At no time during the contract will the Village of Hoffman Estates be obligated to pay for any type of additional surcharge. **Payment will be made on actual field measurements.**

#### BIDDERS QUALIFICATIONS

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All bidders must submit the following information with their bid proposal:

Bidders shall submit the following with their proposal:

Location and description of permanent place of business;

- Evidence of ability to execute the work efficiently;
- List of similar completed projects;
- List of current contracts;
- Additional documentation demonstrating capability to perform the work.

#### SUBCONTRACTING

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No subcontracting shall be permitted without prior written approval from the Director of Public Works. Approved subcontractors shall be bound by all contract terms. All communication and directives shall be issued through the Contractor.

#### PERMITS AND LICENSES

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The successful bidder shall obtain, at its own expense, a Village of Hoffman Estates Contractor's License. Use of the Village's name in advertising is prohibited without express written permission.

#### COLLUSION

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Bids must be submitted independently and without collusion.

#### CANCELLATION

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Either party may cancel the contract upon thirty (30) days' written notice sent via certified mail.

#### DEFAULT

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In the event of default, the Village may procure services from another source and hold the Contractor responsible for any excess costs incurred.

#### INVALID PROVISIONS

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If any provision is deemed invalid by a court of competent jurisdiction, the remaining provisions shall remain in full force and effect.

#### VILLAGE AGENT

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John Kovaka, Traffic Operations Supervisor, shall serve as the Village's representative for matters related to this contract. He may be contacted Monday through Friday, 6:30 a.m. to 2:30 p.m., at (847) 490-6800 or [John.Kovaka@vohe.org](mailto:John.Kovaka@vohe.org).

#### LEGAL AUTHORITY

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The Director of Public Works shall serve as the final authority regarding interpretation of the specifications and contract requirements.

2026 ROADWAY PAVEMENT MARKINGS  
**SPECIAL PROVISIONS**

**ALL-INCLUSIVE BID SUM**

The bid sum shall include everything specified and/or otherwise required in order to complete the project in its entirety. Sum of base bid and both alternates as listed in the scope of work are required to receive consideration. No claim for additionally required materials and/or labor shall be honored by the Village what-so-ever.

**BID SECURITY DEPOSIT REQUIREMENTS**

Cashier's/Certified Check or Bid Bond in the amount of \$2,000 is required to be included with bid submission.

**PERFORMANCE BOND REQUIREMENTS**

Prior to execution of the Contract, the successful Bidder shall furnish surety bonds covering the faithful performance of the Contract and the payment of all obligations arising there under in the amount of One Hundred (100) Percent of the Total Bid Award. Cost of furnishing such bonds shall be included in the Bid.

2026 ROADWAY PAVEMENT MARKINGS  
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION  
ILLINOIS DEPARTMENT OF TRANSPORTATION

**1095.02 Paint Pavement Markings**

All materials shall meet the following paint specification unless a shortage of raw materials precludes the production of paint which will meet the materials portion of this section. If the shortage can be documented to the satisfaction of the Engineer, then an alternate formulation will be allowed. Any alternate formulation shall comply with the latest volatile organic matter Art. 1095.02 Pavement Markings 1094 (VOM) content limits published by the IEPA in Title 35, Part 223 of the Illinois Administrative Code.

The finished paint shall be formulated and manufactured from first-grade materials. It shall be free from defects and imperfections that might adversely affect the serviceability of the finished product. It shall be completely free from dirt and other foreign material and shall dry within the time specified to a good, tough, serviceable film. The paint shall show no evidence of excessive settling, gelling, skinning, spoilage or livering upon storage in the sealed shipping containers under normal above freezing temperatures within twelve months of delivery. Any settled portion shall be easily brought back into suspension by hand mixing. When the settled portion is brought back into suspension in the vehicle, the paint shall be homogeneous and shall not show a viscosity change of more than 5 KU from the original viscosity. Any paint that has settled within the period of twelve months after delivery to the degree that the settled portion cannot be easily brought into suspension by hand mixing shall be disposed of by the vendor and immediately replaced with acceptable material entirely at the vendor's expense, including handling and transportation charges. The paint, when applied by spraying methods to a hot-mix asphalt pavement, shall not be discolored due to the solvent action of the paint on the surface.

(a) Ingredient Materials.

- (1) Titanium Dioxide. This material shall comply with the Specification for Titanium Dioxide Pigments, ASTM D 476, Type II, Rutile. A notarized certificate of compliance from the pigment manufacturer shall be required.
- (2) Yellow Pigment. This material shall be a non-toxic organic pigment, Yellow 65: Engelhard 1244 or equivalent.
- (3) Calcium Carbonate. This material shall comply with the Specification for Calcium Carbonate Pigments, ASTM D 1199, Type GC, Grade I, with minimum of 95 percent Calcium Carbonate or Type PC, minimum 98 percent Calcium Carbonate.
- (4) Acrylic Emulsion Polymer. This material shall be Rohm and Haas 2706 or Dow Chemical DT-211.
- (5) Methyl Alcohol. This material shall comply with the Specification for Methyl Alcohol, ASTM D 1152.
- (6) Miscellaneous Materials.
  - a. Water: Potable
  - b. Dispersant: Tamol 850 (Rohm and Haas) or equivalent
  - c. Surfactant: Triton CF-10 (Union Carbide) or equivalent

- d. Defoamer: Colloids 654 (Rhone-Poulenc) or equivalent
- e. Rheology Modifier: Natrasol 250 HBR (Aqualon Company) or equivalent  
Pavement Markings Art. 1095.02 1095
- f. Coalescent: Texanol (Eastman Chemical)
- g. Preservative: Troy 192 (Troy Chemical) or equivalent

(b) Manufacture. All ingredient materials shall be delivered in the original containers and shall be used without adulteration. The containers shall be marked with type of material, name of manufacturer and lot number.

The manufacturer shall furnish to the Department the batch formula which will be used in manufacturing the paint.

No change shall be made in this formula without prior approval by the Department and no change will be approved that adversely affects the quality or serviceability of the paint.

The following Standard Formulas shall be the basis for the paint. The finished products shall conform on a weight basis to the composition requirements of these formulas. No variations will be permitted, except for the replacement of volatile lost in processing. Amounts are shown in pounds (kilograms) of material.

	White	Yellow
	lb (kg)	lb (kg)
C.I. Pigment Yellow 65	---	32 (14.52)
Titanium Dioxide, Rutile, Type II	100 (45.36)	21 (9.53)
Calcium Carbonate, Type PC	150 (68.04)	150 (68.04)
Calcium Carbonate , Type GC	430 (195.05)	465 (210.92)
Rheology Modifier	0.5 (0.23)	0.5 (0.23)
Acrylic Emulsion, 50% Solids	541 (245.40)	535 (242.68)
Coalescent	24 (10.89)	23 (10.43)
Defoamer	5 (2.27)	5 (2.27)
Dispersant	8 (3.63)	9 (4.08)
Surfactant	2 (0.91)	2 (0.91)
Methyl Alcohol	29 (13.15)	28 (12.70)
Preservative	1.5 (0.68)	1.5 (0.68)
Water	10 (4.54)	10 (4.54)
Total	1301 (590.15)	1282 (581.53)

(c) Paint Properties. The finished paint shall be according to the following.

(1) Pigment. Analysis of the extracted pigment shall be according to the following.

	White	Yellow
Organic Yellow 65 (%)	---	Min. 4.8
Titanium Dioxide (%)	Min. 13.4	Min. 2.8
Calcium Carbonate (%)	Max. 86	Max. 93

The percent pigment by weight of the finished product shall not be less than 50 percent nor more than 54 percent.

- (2) Vehicle. The non-volatile portion of the vehicle shall be composed of a 100 percent acrylic polymer and shall not be less than 44 percent by weight.
- (3) Organic Volatiles. The finished paint shall contain less than 150 grams of volatile organic matter per liter of total paint. (ASTM D 3960)
- (4) Total Solids. The finished paint shall not be less than 73 percent total non-volatile by weight. (ASTM D 2369)
- (5) Unit Weight. The unit weight at 77 °F (25 °C) of the production batches shall not vary more than plus or minus 0.20 lb/gal (0.024 kg/L) from the weight of the qualification samples.
- (6) Viscosity. The consistency of the paint shall not be less than 83 nor more than 98 Kreb units at 77 °F (25 °C).
- (7) Dry Opacity. The minimum contrast ratio shall be 0.97 when tested in accordance with Federal Specification, Method 141 a, No. 4121, Procedure B when applied at a wet film thickness of 15 mils (0.38 mm).
- (8) Color and Daylight Reflectance. The paint, applied at a wet film thickness of 15 mils (0.38 mm) and allowed to dry 24 hours, shall meet the following requirements for daylight reflectance and color, when tested, using a color spectrophotometer with 45 degrees circumferential/zero degree geometry, illuminant C, and two degree observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

White	Daylight Reflectance (Y) 85 % min.
Yellow *	Daylight Reflectance (Y) 50 % min.

\*Shall match Aerospace Material Specification Standard 595 33538 (Orange Yellow) and chromaticity limits as follows.

x	0.490	0.475	0.485	0.530
y	0.470	0.438	0.425	0.456

- (9) Water Resistance. The paint shall be according to Federal Specification TT-P-1952D, Section 3.2.5.
- (10) Freeze-Thaw Stability. The paint shall show no coagulation or change in consistency greater than 10 Kreb Units, when tested according to Federal Specification TT-P-1952D, Section 4.3.8.
- (11) Accelerated Package Stability. The paint shall show no coagulation, discoloration, or change in consistency greater than 10 Kreb Units when tested according to Federal Specification TT-P-1952D, Section 4.3.4. Pavement Markings Art. 1095.02 1097

- (12) Dilution Test. The paint shall be capable of dilution with water at all levels without curdling or precipitation such that the wet paint can be readily cleaned up with water only.
- (13) Storage Stability. After 30 days storage in a three-quarters filled, closed container, the paint shall show no caking that cannot be readily remixed to a smooth, homogenous state, no skinning, livering, curdling or hard settling. The viscosity shall not change more than 5 Kreb units from the viscosity of the original sample.
- (14) No Pick-Up Time. The no pick-up time shall be less than 10 minutes. The test shall follow the requirements of ASTM D 711 with a wet film thickness of 15 mils (0.38 mm).
- (15) Grind. The paint shall have a grind of not less than 3 on a Hegman Grind Gauge.
- (16) Flexibility. The paint shall show no cracking or flaking when tested according to Federal Specification TT-P-1952D, Section 4.3.5.
- (17) Dry Through Time. The paint, when applied to a non-absorbent substrate at a wet film thickness of 15 mils (0.38 mm) and placed in a humidity chamber controlled at  $90 \pm 5$  percent R.H. and  $72.5 \pm 2.5$  °F ( $22.5 \pm 1.4$  °C) shall have a “dry through time” not greater than 15 minutes of the IDOT standard formula. The dry through time shall be determined according to ASTM D 1640, except that the pressure exerted shall be the minimum needed to maintain contact with the thumb and film.
- (18) No-Tracking Time Field Test. The paint shall dry to a no-tracking condition under traffic in three minutes maximum when applied at  $15 \pm 1$  mil ( $0.38 \pm 0.03$  mm) wet film thickness at 130 –150 °F (54.4 -65.6 °C), and from three to ten minutes when applied at ambient temperatures with 6 lb (0.72 kg) of glass beads per gal (L) of paint. “No-tracking” shall be the time in minutes required for the line to withstand the running of a standard automobile over the line at a speed of approximately 40 mph (65 km/hr), simulating a passing procedure without tracking of the reflectorized line when viewed from a distance of 50 ft (15 m).

(d) Sampling and Inspection.

- (1) Sample. The manufacturer shall forward to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766, for test purposes, three 1 pt (1/2 L) qualification samples of material representative of that which he/she proposes to produce.

Along with the samples, the paint manufacturer shall furnish a copy of his/her batching formula and a list of the trade names and manufacturers of the ingredient materials proposed for use. Product data sheets shall be provided as verification of the ingredient materials conformity with the specification requirements. No changes shall be made without prior approval by the Department.

- (2) Sampling and Testing. Unless otherwise provided, all materials shall be sampled and tested in accordance with the latest published standard methods of the American Society for Testing and Materials, and revisions thereof, in effect on the date of

manufacture, where such standard methods exist. In case there are no ASTM Standards which apply, applicable standard methods of the American Association of State Highway and Transportation Officials, or of the Federal Government, or of other recognized standardizing agencies shall be used.

- (3) Inspection. The right is reserved to inspect the paint either at the place of manufacture or after its arrival at destination. If inspected at the place of manufacture, the manufacturer shall furnish such facilities as may be required for collecting and forwarding samples of ingredient materials and finished paint and for performing the inspection of the paint during the process of manufacture. Before manufacture of the paint is started, the ingredient materials shall be set aside at the manufacturer's plant and shall be sampled by an authorized representative of the Department. All materials represented by these samples shall be held until tests have been made and the materials found to comply with the requirements of the specifications. Approximately 30 days are required to test the ingredient materials. The Department has the option to waive inspection of ingredient materials. During the manufacturing operations, the Department's representative shall have free entry at all times to such parts of the plant as concern the manufacture of the paint. All tests will be made by and at the expense of the Department.

All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and shall be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766.

- (e) Packaging. Unless otherwise directed, the paint shall be packaged and shipped in new 55 gal removable head, steel drums meeting the latest regulations of the United States Department of Transportation for shipping containers for this type of material. The drums shall be lined with a noncorrosive lining compatible with the waterborne paint. The opening in the drum shall be circular, and the diameter of the opening shall be substantially the diameter of the inside of the end of the drum. The drum shall be provided with gaskets of one-piece tubular neoprene construction and shall be completely airtight. The closure shall be securely attached to the drum by a bolt-action-type ring that shall enclose the edge of the lid and the chime of the drum. The closure bolt shall be tightened to a minimum of 40 ft lb (54 N m) torque, and a lock nut shall be securely tightened against the threaded end of the anchor. The white paint shall be packaged in white drums with white lids, and the yellow paint shall be packaged in white drums with yellow lids.

Fifty-five gallons of paint shall be placed in each drum, leaving approximately 2 in. (5 cm) of air space. The paint will be measured by volume, the unit of measure being a gallon [231 cu in. at 77 °F (25 °C)]. Each drum shall be stenciled on the removable head and on the side to show the kind of paint contained therein, the manufacturer's name, the lot number, and the month and year the paint is packaged.

- (f) Glass Beads. The glass beads used as drop on beads with the pavement marking paint shall be according to the requirements of Article 1095.07, Type B.

### **1095.07 Glass Beads for Pavement Markings**

The glass beads used for reflectorizing pavement marking lines shall be Type A or Type B. Type A (uncoated) is intended for use as drop-on beads with solvent-based pavement marking paints and as intermix beads with thermoplastic pavement marking materials. Type B (moisture resistant, silicone

coated) is intended for use as drop-on beads with thermoplastic pavement marking materials and waterborne-type marking paints.

- (a) Properties. The glass beads furnished under this specification shall consist essentially of transparent, water-white glass particles of a spherical shape. They shall be manufactured from a glass of a composition designed to be highly resistant to traffic wear and to the effects of weathering. The glass beads shall be according to the following.

- (1) Sieve Analysis. The glass beads shall meet the following sieve requirements.

U. S. Standard Sieve No.	Sieve Sizes	Total Percent By Weight (Mass) Passing
20	850 $\mu\text{m}$	100
30	600 $\mu\text{m}$	75 – 100
50	300 $\mu\text{m}$	15 – 40
100	150 $\mu\text{m}$	0 – 5
200	75 $\mu\text{m}$	0 – 1

- (2) Imperfections. The surface of the glass beads shall be free of pits and scratches. The glass beads shall be spherical in shape and shall contain not more than 20 percent by weight of irregular shapes when tested by the standard method using a vibratile inclined glass plate as adopted by the Department or computerized optical analyzer AASHTO R 98.
- (3) Index of Refraction. The index of refraction of the glass beads shall not be less than 1.50 when tested by the immersion method at 77 °F (25 °C).
- (4) Silica Content. The glass beads shall contain not less than 70 percent silica (SiO<sub>2</sub>).
- (5) Chemical Stability. Glass beads which show tendency toward decomposition, including surface etching, when exposed to paint or thermoplastic constituents shall be rejected. The glass beads shall be tested according to Federal Specification TT-B-1325B, Section 4.3.9 (water resistance) and evaluated for compliance with Section 3.2.9, with the following exceptions.

The size of sample to be tested shall be 25 grams and the reflux time shall be five hours.

- (6) Flowing Properties. The glass beads shall flow uniformly through dispensing equipment in atmospheric humidity up to 94 percent.
- a. Type A. The beads shall be free of silicones, waxes, oils, or other coatings and pass the following test.

One hundred grams of glass beads, spread evenly and thinly in a suitable container, shall be conditioned at 77 °F (25 °C) for four hours over a solution of sulfuric acid (Sp. Gr. 1.10) in a closed desiccator. After four hours, the glass beads shall flow readily through a clean glass analytical funnel, 60 degree, 3 in. (75 mm) diameter and 6 in. (150 mm) stem. Inside diameter of the stem shall be a nominal 1/4 in. (6.33 mm).

- b. Type B. The beads shall have a silicone, moisture resistant coating and pass the following test.

One hundred grams of beads are placed in a 600 ml beaker and an equivalent volume of distilled water shall be added to the beaker. The beaker will then stand for five minutes, at the end of which time the water shall be carefully poured off and the beads transferred to a clean dry beaker and allowed to stand for five minutes. The beads will then be poured slowly into a standard glass funnel (Corning 6120), 5 in. (127 mm) diameter, 4 in. (102 mm) stem length and 7/16 in. (11 mm) stem inside diameter. The beads shall flow through the funnel stem without stoppage. Slight initial agitation to start the flow through the funnel at the beginning of the test is permissible.

- (b) Packaging. The glass beads shall be packaged in approved moisture proof bags consisting of at least five ply paper construction unless otherwise specified. Each bag shall contain 50 lb (22.7 kg) net, and shall be legibly marked with the manufacturer, IDOT specification and type, lot number, and the month and year the glass beads were packaged. The letters and numbers used in the stencils shall be a minimum of 1/2 in. (12.7 mm) in height.
- (c) Sampling and Testing. Unless otherwise provided, all materials shall be sampled and tested in accordance with the latest published standard methods of the American Society for Testing and Materials, and revisions thereof, in effect on the date of the invitation for bids, where such standard methods exist. In case there are no ASTM Standards which apply, applicable standard methods of the American Association of State Highway and Transportation Officials, or the Federal Government, or of other recognized standardizing agencies shall be used.

The right is reserved to inspect the glass beads either at the place of manufacture or at the destination or at both places. If inspected at the place of manufacture, the manufacturer shall furnish such facilities as may be required for collecting and forwarding samples, and shall also furnish facilities for testing the glass beads during the process of manufacture, if required. During the manufacturing operations, the Department's representative shall have free entry at all times to such parts of the plant as concern the manufacture of the glass beads. Tests will be made by and at the expense of the Department unless otherwise specified.

All material samples for acceptance tests shall be taken or witnessed by a representative of the Bureau of Materials and shall be submitted to the Engineer of Materials, 126 East Ash Street, Springfield, Illinois 62704-4766.