PID #: 107868 Contract ID: D08107868

> D08 CLE, CLI, GRE PM/RPM-FY2024

PAVEMENT MARKING

Percentage of project Bidder must possess Work Types, and Perform Work: 50 Supplemental Specification 800-2023 - 1/19/2024

THE 2023 CONSTRUCTION AND MATERIAL SPECIFICATION BOOK IS PART OF THE BIDDING DOCUMENTS ON THIS PROJECT

# **PROPOSAL**

**STATE OF OHIO** 

# **DEPARTMENT OF TRANSPORTATION**

Jack Marchbanks, Director

|              | March 21, 2024 |  |
|--------------|----------------|--|
|              |                |  |
|              |                |  |
| Cubmitted by |                |  |
| Submitted by |                |  |
| Bidder Id    |                |  |

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#### PN 019 - 01/20/2016 - PREPARATION OF PROPOSAL

#### **ELECTRONIC BIDDING REQUIREMENTS**

The Department uses the Bid Express website (<a href="http://www.bidx.com">http://www.bidx.com</a>) as an official repository for electronic bid submittal. Bidders must prepare their bids electronically using Project Bids and submitted via Bid Express.

The Department will not accept handwritten bids or bids generated electronically from software other than that used and supplied by the Department. All handwritten bids and bids generated electronically from software other than that used and supplied by the Department shall be considered non-responsive and ineligible for award. The Department will only accept and consider bids that have been produced using Project Bids and submitted via Bid Express.

The Department's Office of Contracts will provide planholders with a proposal, plan set and any required addenda. Most addenda will not be provided by hard copy, but will be available on the Office of Contracts website at: <a href="http://contracts.dot.state.oh.us">http://contracts.dot.state.oh.us</a>. Planholders will be notified of all addenda via email. All proposals, plans, Project Bids (EBSX) files and addenda are also available on the Office of Contracts web site.

Electronic bids must comply with all special provisions, the Construction and Material Specifications, Supplemental Specifications and the rules and regulations of the Ohio Department of Transportation regarding bid preparation and bid submittal.

Blank unit prices will be considered an invalid bid EXCEPT in the case of optional designs (projects where the bidder is required to bid on only one design). Unit prices of zero are not permitted at any time.

Addenda and/or amendments must be acknowledged in the Bid Acknowledgement section of the Project Bids (EBSX) file in order for your bid to be considered for award of this project. The section contains the certification of receipt of all hard copy proposals, addenda, amendments, plans, standard specifications and supplemental specifications. Supplemental Questionnaire information regarding the bidder's outstanding ODOT and non-ODOT work have also been included in this section. Bid Express will not accept bids that do not have amendments incorporated. Failure to incorporate changed quantities or items in your Project Bids (EBSX) submissions will result in the rejection of your bid.

Each bidder is required to file with his bid a <u>certified check</u> or <u>cashier's check</u> for an amount equal to five percent (5%) of its bid, but in no event more than <u>fifty thousand dollars</u>, or a <u>bid bond</u> for <u>ten percent</u> (10%) of its bid payable to the "Director of Transportation." Electronic bid bonds will be verified upon submission of bids through Bid Express. Bidders must obtain and verify a Bond ID number from the surety. This Bond ID must be entered in the "Bond ID Number" field in the Bid Bond Section of the Project Bids file.

If the contractor chooses to submit a certified check to guaranty its bid, the Department's Office of Contracts will accept a check up to 72 hours in advance of the letting. The Office of Contracts must receive the certified check by 10:00 a.m. on the day the project sells. All checks must be sent to ODOT, Office of Contracts, Attention: Letting Manager, First Floor, 1980 W. Broad St., Columbus, Ohio 43223.

The successful bidder must furnish a performance bond and a payment bond in an amount equal to one hundred percent (100%) of the awarded contract amount. (Ohio Revised Code Section 5525.16)

Any bid received after 10:00 a.m. on the scheduled day of opening will receive no further consideration for award. The Department will not be responsible for a late bid due to failure of the bidder to allow sufficient time for delivery of the bid.

The Department will ensure that this electronic bid depository is available for a two-hour period prior to the deadline for submission of bids. In the case of disruption of national communications or loss of services by <a href="http://www.bidx.com">http://www.bidx.com</a> during this two-hour period, the Department will delay the deadline for bid submissions to ensure the ability of potential bidders to submit bids. If this occurs, instructions will be communicated to potential bidders.

#### PN 033 - 04/18/2008 - AS PER PLAN DESIGNATION - PROPOSAL NOTE

For the last several years the "As Per Plan" designation has been added to some item descriptions in the proposal to assist the Contractors to easily identify standard items that have been altered by plan notes.

The "As Per Plan" designation has proven to be a very useful tool for the Contractors. However, its use was <u>never</u> intended to relieve the Contractors of their responsibility to read, bid and construct all items in accordance with all governing plan notes. Therefore, the absence of an "As Per Plan" designation on some item descriptions in the proposal for which there are clear and controlling plan notes does not relieve the Contractors of the responsibility to read, bid and construct those particular items in accordance with the governing plan notes.

Be advised that the item descriptions in the bidding proposal must be read or interpreted with the governing plan notes and the Ohio Department of Transportation Construction and Materials Specifications. A claim based upon an "order of precedence" basis will be denied. In the event that a conflict, either real or perceived, exists between the item description and the governing plan note, the Contractors are to request clarification through the pre-bid process.

#### PN 038 - 10/15/2004 - UNRESOLVED FINDING FOR RECOVERY

The Contractor affirmatively represents to the Department that it is not subject to a finding for recovery under Ohio Revised Code §9.24, or that it has taken the appropriate remedial steps required under §9.24 or otherwise qualifies under that section. The Contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the Department, or an action for recovery may be immediately commenced by the Department for recovery of said funds.

#### PN 039 - 10/15/2004 - ASSIGNMENT OF ANTITRUST CLAIMS IN STATE CONTRACT LANGUAGE

It is the policy of the Ohio Department of Transportation that ODOT and the Contractor recognize that in actual economic practice, overcharges resulting from antitrust violations are usually borne by ODOT. As consideration for the Award of the Contract and intent to be legally bound, the Contractor acting herein by and through the person signing this contract on behalf of the Contractor as a duly authorized agent, hereby assigns, sells, conveys, and transfers to ODOT any and all right, title and interest to any and all claims and causes of action the Contractor now has or hereafter requires under state or federal antitrust laws provided that the claims or causes of action related to the goods or services that are the subject to the contract. In addition, the Contractor warrants and represents that it will require any and all of its subcontractors and first tier suppliers to assign any and all federal and state antitrust claims and causes of action to ODOT. The provisions of this article shall become effective at the time ODOT executes this contract without further acknowledgment by any of the parties.

All contracting entities shall assign their rights and responsibilities to ODOT for all antitrust claims and causes of action regarding subcontractors.

#### PN 016 - 10/15/2004 -STATE EEO CERTIFICATION CLAUSE

The hiring of employees for the performance of work under this contract shall be done in accordance with Sections 153.59 and .591, of the Ohio Revised Code, the Governor's Executive Order of January 27, 1972, including Appendices "A" and "B" and the Governor's amended Executive Order 84-9 of November 30, 1984. The successful contractor shall not discriminate against or intimidate any person hired for the performance of the work by reason of race, color, religion, national origin, ancestry, sex or handicap. For any violation the contractor shall suffer such penalties as provided for in Section 153.60, of the Ohio Revised Code, and the Governor's Executive Order of January 27, 1972. The bidder also agrees that upon the award of this contract he shall incorporate this certification in all subcontracts on this project regardless of tier.

#### PN 090 - 01/15/2021 - WORK TYPE CODES AND DESCRIPTIONS

The Department will indicate the work type required for each pay item. If the line item does not have a corresponding work type, NR will be shown in the work type column. This proposal note will govern the assignment of work types to pay items.

However, the Contractor may perform incidental work items for which it does not hold the required work type provided the cost of the work does not exceed 5% of the total bid. The Contractor may also perform Work Type 26 (Structural steel painting) without holding the required work type provided the total area to be painted does not exceed 700 SF per structure. The Contractor may not perform any quantity of Work Type 55 or 56 unless they hold the required work type. The Contractor may perform Work Type 57 (Sealing of Concrete Surfaces with Epoxy or Non-Epoxy Sealers) without holding the required work type provided the total area to be sealed does not exceed 75 SY per project.

Listed below are the work types for this proposal. In accordance with Ohio law, a bidder must possess work types, and perform work equal to the percentage included on the front cover of this proposal. This is a percentage of the total amount of the submitted bid price. The Director may, by insertion of a contract provision, reduce the fifty percent amount.

| Work<br>Type<br>Code | Work Type Description                        |    | Work Type Description      |
|----------------------|--|----|----------------------------|
| 1                    | Clearing & Grubbing                          | 29 | Structure Repairs          |
| 2                    | Building Removal                             | 30 | Hydrodemolition            |
| 3                    | Gas, Oil, Water Well Abandonments            | 31 | Structural Steel Repairs   |
| 4                    | Roadway Excavation & Embankment Construction |    | Heat Straightening         |
| 5                    | Major Roadway Excavations                    | 33 | Tieback Installation       |
| 6                    | Incidental Grading                           | 34 | Earth Retaining Structures |
| 7                    | Soil Stabilization                           | 35 | Drainage (Culverts, Misc.) |
| 8                    | Temporary Soil Erosion & Sediment Control    | 36 | Guardrail / Attenuators    |
| 9                    | Aggregate Bases                              | 37 | Fence                      |
| 10                   | Flexible Paving                              | 38 | Misc. Concrete             |
| 11                   | Apply Bituminous Treatments                  | 39 | Maintenance of Traffic     |
| 12                   | Rigid Paving                                 | 40 | Waterproofing              |
| 13                   | Pavement Planning, Milling, Scarification    | 41 | Raised Pavement Markers    |

5 Project No. 240196

| 14 | Concrete Texturing   | 42 | Signing   |
|----|--|----|---|
| 15 | Sawing   | 43 | Highway Lighting  |
| 16 | Flexible Replacement   | 44 | Traffic Signals - Standard  |
| 17 | Rigid Pavement Replacement                                     | 45 | Pavement Markings   |
| 18 | Pavement Rubblizing, Breaking, Pulverizing                     | 46 | Landscaping   |
| 19 | Structure Removal  | 47 | Mowing  |
| 20 | Level 1 Bridge   | 48 | Trucking  |
| 21 | Level 2 Bridge   | 49 | Herbicidal Spraying   |
| 22 | Level 3 Bridge   | 50 | Railroad Track Construction   |
| 23 | Reinforcing Steel  | 51 | Micro Tunneling   |
| 24 | Structural Steel Erection                                      | 52 | Tunneling   |
| 25 | Stud Welding   | 53 | Piling  |
| 26 | Structural Steel Painting                                      | 54 | Post-Tensioning Bridge Members  |
| 27 | Expansion & Contraction Joints, Joint sealers, Bearing Devices | 55 | Fiber Optic Cable Installation, Splicing, Termination and Testing – Traffic Signal System             |
| 28 | Caissons / Drilled Shafts                                      | 56 | Fiber Optic Cable Installation, Splicing, Termination and Testing – Intelligent Transportation System |
|    |  | 57 | Sealing of Concrete Surfaces with Epoxy or Non-<br>Epoxy Sealers                                      |

# PN 060 – 04/20/2018 - PREVAILING WAGES ON STATE PROJECTS WITH NO FEDERAL AID The following is in addition to Section 108.10.

This contract is subject to Ohio Prevailing Wage Laws, Chapter 4115 of the Ohio Revised Code and the Prime Contractor and all subcontractors shall comply with all provisions contained therein or as otherwise provided by this note. The Prime Contractor guarantees that the prevailing wage scale to be paid to all laborers and mechanics employed on this contract shall be in accordance with the schedule of the prevailing hourly wage and fringe benefits as determined by the Ohio Department of Commerce for the county in which the work is being performed. The failure to pay prevailing wages to all laborers and mechanics employed on this project, shall be considered a breach of contract. Such a failure may result in the revocation of the contractor's and/or subcontractor's certificate of qualification and debarment. A schedule of the most current prevailing wage rates may be accessed by registering with the Ohio Department of Commerce, Labor and Worker Safety Division, Wage and Hour Bureau at the following web address:

#### https://wagehour.com.ohio.gov/w3/webwh.nsf/wrlogin

The Contractor and all subcontractors shall compensate the employees on this contract at a pay rate not less than the hourly wage and fringe rate listed on the website noted above, for the applicable job classification or as may be modified by the Ohio Department of Commerce, Division of Labor and Worker Safety Wage and Hour Bureau, when new prevailing rates are established.

Overtime shall be paid at one and one-half times the basic hourly rate for any hours worked beyond forty hours during a pay week. The Prime Contractor and all subcontractors shall pay all compensation by company check or direct deposit to the worker and fringe benefit program.

The wage and fringe rates determined for this project or as may be later modified, shall be posted by the Prime Contractor in a prominent and accessible place on the project, field office, or equipment yard where they can be easily read by the workers or otherwise made available to the workers. On the first pay date

of contract work the Prime Contractor and all subcontractors shall furnish each employee covered by prevailing wage a completed form whpw1512 in accordance with section 4115.05 of the Ohio Revised Code, showing the classification, hourly pay rate, fringes, and identifying the District Prevailing Wage Coordinator (DPWC) District Contractor Compliance Officer (CCO) if such employees are not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of labor. These forms shall be signed by the Prime Contractor or subcontractor and the employee and kept in the Prime Contractor's payroll files.

The Prime Contractor shall submit to the designated Department representative, certified payrolls for the Prime Contractor and all subcontractors on form whpw1509 or equivalent, in accordance with sections 4115.07 and 4115.071 (C) of the Ohio Revised Code, three weeks after the start of work and every subsequent week until the completion of the contract. Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted, for all apprentices working on this project. Upon completion of the contract and before the final payment, the Contractor shall submit to the DPWC CCO a final wage affidavit in accordance with section 4115.07 of the Ohio Revised Code stating that wages have been paid in conformance with the minimum rates set forth in the contract. Please be aware that it is ultimately the responsibility of the Prime Contractor to ensure that all laws relating to prevailing wages in Chapter 4115 of the Ohio Revised Code, are strictly adhered to by all subcontractors.

The Prime Contractor and all subcontractors shall make all of its payroll records available for inspection, copying or transcription by any authorized representative of the contracting agency. Additionally, the Prime Contractor and all subcontractors shall permit such representatives to interview any employees during working hours while the employee is on the job.

The Prime Contractor and all subcontractors shall submit via the Department's Civil Rights & Labor System (CRL), certified payrolls each week beginning three weeks after the start of work. The Department will not accept payrolls not uploaded via CRL (i.e. - no handwritten payrolls). These payrolls shall include, but not be limited to, the following:

- 1. Employee name, address, social security number, classification, and hours worked.
- 2. The basic hourly and overtime rate paid, total pay, and the manner in which fringe benefit payments have been irrevocably made.
- 3. The contract ID and pay week dates.
- 4. Signature of an authorized company representative will be done online through CRL.

CRL Requirements with interactive training guides can be found at transportation.ohio.gov/CRL.

Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted for all apprentices working on this project. Instructions for attaching the apprenticeship certificate can also be found at <a href="mailto:transportation.ohio.gov/CRL">transportation.ohio.gov/CRL</a> under "Attaching the Apprenticeship Certificate."

If the Prime Contractor or any subcontractor fails to comply with any of the provisions contained in this proposal note, the Department may terminate the contract, debar the Prime Contractor or Subcontractor and/or withhold or suspend pay estimates after written notice and a reasonable opportunity to comply has been provided.

#### PN 045 - 10/15/2004 - NON - COLLUSION AFFIDAVIT

In accordance with Title 23 United States Code, Section 112 and Ohio Revised Code, Chapter 1331 et. seg: and Sections 2921.11 and 2921.13, the bidder hereby states, under penalty of perjury and under

other such penalties as the law provides, that he or his agents or employees have not entered either directly or indirectly into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal. Execution of this proposal on the signature portion thereof shall constitute also signature of this Non-Collusion Affidavit as permitted by title 28 United States Code, Section 1746.

#### **REPORTING BID RIGGING**

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

#### PN 031 - 07/21/2023 - PROMPT PAYMENT - ODOT-LET CONSTRUCTION PROJECTS

Prompt payment requirements apply to ODOT (the Department) and, by extension, its Prime Contractors and Subcontractors (including DBEs and non-DBEs and including traditional subcontractors as well as material suppliers and trucking firms, collectively referred to herein as Subcontractors). The State of Ohio's laws related to prompt payment are published in Ohio Revised Code (ORC) 4113.61. ORC 4113.61 applies to all contracts. The Prime Contractor must comply with this Proposal Note, ORC 4113.61, C&MS 107.21 and, for contracts with U.S. Department of Transportation financial assistance (i.e., federally-funded contracts), Title 49, Part 26, Section 29 of the Code of Federal Regulations (CFR) (i.e., 49 CFR 26.29).

The Department monitors the payments made by Prime Contractors and Subcontractors for compliance with this Proposal Note, ORC 4113.61, C&MS 107.21 and, for federally funded contracts, 49 CFR 26.29. To facilitate this monitoring, the Department requires Prime Contractors to report their remitted payments to specified Subcontractors, and Subcontractors to report their remitted payments to specified lower-tier Subcontractors, as follows.

- Prime Contractors must report remitted payments to subcontractors (DBE/EDGE and non-DBE/EDGE), suppliers (DBE/EDGE only, unless the supplier sublets to a lower-tier DBE/EDGE firm), and trucking firms (DBE/EDGE only, unless the trucking firm sublets to a lower-tier DBE/EDGE firm) (collectively, Subcontractors).
- Subcontractors must report remitted payments to lower-tier subcontractors (DBE/EDGE and non-DBE/EDGE), suppliers (DBE/EDGE only), and trucking firms (DBE/EDGE only) (collectively, "Lower-tier Subcontractors").

The Prime Contractor must report remitted payments to Subcontractors within 10 calendar days of each payment it receives from the Department. Each Subcontractor must report remitted payments to Lowertier Subcontractors within 10 calendar days of receipt of each payment received from the Prime Contractor. Payers must report return of retainage (and/or other amounts withheld) within 10 calendar

days of release to the payee. Payment is defined as: issuing Electronic Funds Transfer (EFT) or putting a check in the mail to a subcontractor. The 10 calendar day requirement is met the date that the payment is issued to the subcontractor, not received.

All subcontractor payment reporting must take place within the Signet® application. Signet is a third-party service supported by the vendor for usage by the Prime Contractor and subcontractors. Signet is only a reporting tool; it does not process financial transactions. ODOT does not provide direct technical support for Signet.

All projects that have at least one Subcontractor are required to use Signet. Anyone needing access to Signet must submit a request to <a href="mailto:signet-support@infotechinc.com">signet-support@infotechinc.com</a>. Licensing and usage fees for the Signet service are incidental to the Project. The Signet vendor will charge a set fixed fee of \$1,000 per each Contract requiring Signet regardless of Contract value, Contract duration, or number of subcontractors. Prime Contractors are responsible for obtaining a Project-specific Signet license regardless of the number of Subcontractor payments made. The Prime Contractor shall be responsible for paying this fee to the Signet vendor. Helpful information on reporting Subcontractor payments in Signet may be found (as of the date of this Proposal Note) at <a href="https://infotechinc.zendesk.com">https://infotechinc.zendesk.com</a> (click Signet).

If a Prime does not anticipate having at least one subcontractor, they are not required to obtain a Signet license for that project. However, at any point in the life of the contract the Prime determines that there will be a Subcontractor, they have 10 days to notify the Department and obtain a Project-specific Signet license.

If any contractor or Subcontractor has not previously worked on an ODOT project and/or does not have a AASHTOWare Project™ - Civil Rights & Labor (CRL) account, that contractor or Subcontractor must request a CRL account by emailing <a href="mailto:DOT.Helpdesk@dot.ohio.gov">DOT.Helpdesk@dot.ohio.gov</a>. CRL feeds into Signet and vice versa, so contractors and Subcontractors MUST have accounts for both systems.

# Prime Contractors and Subcontractors shall not record or verify payments in CRL for Projects requiring Signet.

The payer (whether Prime Contractor or Subcontractor) must report the following information:

- 1.) The name of the payee;
- 2.) The dollar amount of the payment to the payee;
- 3.) The date the payee was paid;
- 4.) The retainage or other amount withheld (if any), and the reason for the withholding (if other than for retainage).
- 5.) For DBEs, the purpose of the payment (e.g., subcontracting, trucking, supply (manufacturer), supply (regular dealer), supply (broker).
- 6.) Anything else Signet asks for.

The payer must report its return of retainage (and/or other amounts withheld) in separate, standalone payment entries (i.e., without being commingled with a payment for work performed or materials supplied).

Subcontractors and Lower-tier Subcontractors must verify, in Signet, each payment reported by a payer within 10 calendar days of the payment being reported by the payer. This verification includes whether the payment was received, and if so, whether it was as expected or not.

The Prime Contractor must include the above prompt payment and reporting requirements in all Subcontractor (DBE/EDGE and non-DBE/EDGE), supplier (DBE/EDGE only, unless the supplier sublets to a lower-tier DBE/EDGE firm), and trucking firm (DBE/EDGE only, unless the trucking firm sublets to a lower-tier DBE/EDGE firm) agreements that it enters into and further require that all such subcontractors include the same prompt payment and reporting obligation in their lower-tier Subcontractor (DBE/EDGE and non-DBE/EDGE), supplier (DBE/EDGE only), and trucking firm (DBE/EDGE only) agreements. The project specific Signet license is applicable to all Project subcontracts and subcontractors.

Note: Payments made to non-DBE/EDGE suppliers and trucking firms need not be reported. However, as required in C&MS 107.21 and in accordance with ORC 4113.61, contractors are required to make payment to each subcontractor and supplier within 10 calendar days after receipt of payment from the Department for work performed or materials delivered or incorporated into the project—this requirement includes non-DBE/EDGE suppliers and trucking firms. If a contractor does not comply with this requirement, penalties in accordance with ORC 4113.61 may apply.

#### SUGGESTED SUB AGREEMENT LANGUAGE - FEDERAL-AID CONTRACTS

Suggested language for the federal-aid Prime Contractor to include in its subcontractor agreements:

As a Subcontractor, supplier\* and/or trucking firm\*, you (the payee) must verify receipt of payments from the Prime Contractor. This verification must be performed within the Signet application. You must verify each payment within 10 calendar days of the payment being reported by the Prime Contractor. This verification includes whether the payment was received, and if so, whether it was as expected or not. Furthermore, you must report payments to your lower-tier Subcontractors (DBE and non-DBE), suppliers (DBE only), and trucking firms (DBE only). The payment data reported must include any retainage (and/or other amounts) withheld and any previously withheld amounts released. You must report payments within 10 calendar days of receipt of each payment received from the Prime Contractor. You must also report return of retainage (and/or other amounts withheld) within 10 calendar days of release to the payee. Your payees must then verify each payment reported by you (the payer) within 10 calendar days of the payment being reported. Your lower-tier Subcontractor (DBE and non-DBE), supplier (DBE only), and trucking firm (DBE only) sub agreements must include this prompt payment and reporting obligation.

If you have not previously worked on an ODOT project and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing <u>DOT.Helpdesk@dot.ohio.gov</u>. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

Suggested language for the subcontractor to include in its lower-tier sub agreements:

As a lower-tier subcontractor (DBE or non-DBE), supplier (except non-DBE) and/or trucking firm (except non-DBE), you (the payee) must verify receipt of payments from the payer (i.e., the

maker of this sub agreement with you). This verification must be performed within the Signet system. Payees must verify each payment reported by the payer within 10 days of the payment being reported. This verification includes whether the payment was received, and if so, whether it was as expected or not.

Anyone needing access to Signet may submit a request to signet-support@infotechinc.com.

If you have not previously worked on an ODOT project, and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing <u>DOT.Helpdesk@dot.ohio.gov</u>. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

#### SUGGESTED SUB AGREEMENT LANGUAGE - NON-FEDERAL-AID CONTRACTS

Suggested language for the non-federal-aid Prime Contractor to include in its subcontractor agreements:

As a Subcontractor, supplier\* and/or trucking firm\*, you (the payee) must verify receipt of payments from the Prime Contractor. This verification must be performed within the Signet application. You must verify each payment within 10 calendar days of the payment being reported by the Prime Contractor. This verification includes whether the payment was received, and if so, whether it was as expected or not. Furthermore, you must report payments to your lower-tier Subcontractors (EDGE and non-EDGE), suppliers (EDGE only), and trucking firms (EDGE only). The payment data reported must include any retainage (and/or other amounts withheld) and any previously withheld amounts released. You must report payments within 10 calendar days of receipt of each payment received from the Prime Contractor. You must also report return of retainage (and/or other amounts withheld) within 10 calendar days of release to the payee. Your payees must then verify each payment reported by you (the payer) within 10 days of the payment being reported. Your lower-tier Subcontractor (EDGE and non-EDGE), supplier (EDGE only), and trucking firm (EDGE only) sub agreements must include this prompt payment and reporting obligation.

If you have not previously worked on an ODOT project and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing <u>DOT.Helpdesk@dot.ohio.gov</u>. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

Suggested language for the subcontractor to include in its lower-tier sub agreements:

As a lower-tier subcontractor (EDGE or non-EDGE), supplier (except non-EDGE) and/or trucking firm (except non-EDGE), you (the payee) must verify receipt of payments from the payer (i.e., the maker of this sub agreement with you). This verification must be performed within the Signet application. Payees must verify each payment reported by the payer within 10 days of the payment being reported. This verification includes whether the payment was received, and if so, whether it was as expected or not.

If you have not previously worked on an ODOT project, and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing

<u>DOT.Helpdesk@dot.ohio.gov</u>. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

#### SANCTIONS AND ADMINISTRATIVE REMEDIES

#### PROMPT PAYMENT

Failure by the Prime Contractor to follow Prompt Payment requirements may result in the issuance of sanctions listed below. The Prime Contractor may also receive the below sanctions if any of their Subcontractors fail to follow Prompt Payment requirements.

- 1st Level Occurrence: The Department will issue a Letter of Reprimand to the Prime Contractor (applies if there is a failure to report payments in the Signet system and/or failure to timely pay subcontractor(s));
- 2nd Level Occurrence: The Department may withhold an estimate in the amount due to the subcontractor(s) that was not reported or paid (applies if there is a failure to report payments in the Signet system and/or failure to timely pay subcontractor(s));
  - If a Prime Contractor receives a 1<sup>st</sup> Level Occurrence reprimand for a project, all subsequent Prompt Payment violations on that project (same or different subcontractor) may result in withholding. In this situation, no 1<sup>st</sup> Level Occurrence reprimand letters will be sent.
- 3rd Level Occurrence: The Prime Contractor may be required to pay interest in the amount of 18% per annum of the payment due, beginning on the eleventh day following the receipt of payment from the owner and ending on the date of full payment of the payment due plus interest (applies if a pattern of not paying subcontractor(s) persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation and/or debarment).

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the Contractor's past project practices;
- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify;
- the Contractor's record of performance on other projects; and
- the number of times the Contractor has been previously sanctioned by ODOT.

#### **RETURN OF RETAINAGE**

Failure by the Prime Contractor to follow Return of Retainage requirements may result in the issuance of sanctions listed below. The Prime Contractor may also receive the below sanctions if any of their Subcontractors fail to follow Return of Retainage requirements.

 1st Level Occurrence: The Department will issue a Letter of Reprimand to the Prime Contractor (applies if there is a failure to report retainage being held in the Signet system and/or failure to timely return retainage;

- 2nd Level Occurrence: The Department may withhold an estimate in the amount of retainage due to the subcontractor(s) (applies if there is a failure to report retainage being held in the Signet system and/or failure to timely return retainage;
  - o If a Prime Contractor receives a 1<sup>st</sup> Level Occurrence reprimand for a project, all subsequent Return of Retainage violations on that project (same or different subcontractor) may result in withholding. In this situation, no 1<sup>st</sup> Level Occurrence reprimand letters will be sent.
  - Repeat Occurrences: Continued non-compliance is a material breach of contract and will be treated as such. ODOT can pursue other remedies available by law including suspension, revocation and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the Contractor's past project practices;
- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify;
- the Contractor's record of performance on other projects; and
- the number of times the Contractor has been previously sanctioned by ODOT.

# PN 040 - 05/30/23 - PROHIBITION OF THE EXPENDITURE OF PUBLIC FUNDS FOR OFFSHORE PURPOSES

Executive Order 2022-02D "State of Ohio's Response to Russia's Unjust War on the Country of Ukraine" prohibits purchases from or investment in a Russian institution or company. This Order shall be read in conjunction with Executive Order 2019-12D "Governing the Expenditure of Public Funds for Offshore Services" which already largely prohibits the contracting and purchasing of services from overseas sources, including subcontractors.

The Ohio Department of Transportation will not enter into any contract to purchase services provided outside of the United States or that allows State Data to be sent, taken, accessed, tested, maintained, backed-up, stored, or made available remotely outside of the United States, unless a duly signed waiver from the Department of Administrative Services has been obtained. State Data includes all data and information provided by, created by, created for, or related to activities of the State and any information from, to, or related to all persons that conduct business activities within the State, including, but not limited to Sensitive Data. Sensitive Data means any type of data that presents a high or moderate degree of risk if released, disclosed, modified, or deleted or disclosed without authorization.

Notwithstanding any other terms of this Contract, the Department reserves the right to recover any funds paid for services the Contractor performs outside of the United States for which it did not receive a waiver. The Department does not waive any other rights and remedies provided to the Department in the Contract.

Further, the Department will not make any purchase from or investment in any Russian institution or company. Notwithstanding any other terms of this Contract, the Department reserves the right to recover any funds paid to the Contractor for purchases or investments in a Russian institution or company in violation of Executive Order 2022-02D. The provisions of this paragraph will expire when the applicable Executive Order is no longer effective.

The Contractor must sign and complete the attached Affirmation and Disclosure Form and return the form with the executed contract. By signing the Disclosure and Affirmation Form, the Contractor is

acknowledging that it understands and will meet the requirements of the above prohibitions. During the performance of this Contract, if the Contractor changes or adds to the location(s) disclosed on the Affirmation and Disclosure Form, Contractor must complete and submit a revised Affirmation and Disclosure Form reflecting such changes.

(The remainder of this page is left intentionally blank.)

### AFFIRMATION AND DISCLOSURE FORM

Contractor affirms that Contractor has read and understands the applicable Executive Orders regarding the prohibitions of performance of offshore services, locating State data offshore in any way, or purchasing from Russian institutions or companies.

Contractor shall provide all the name(s) and location(s) where services under this Contract will be performed and where data is located in the spaces provided below or by attachment. Failure to provide this information may result in no award. If the Contractor will not be using subcontractors, indicate "Not Applicable" in the appropriate spaces.

| 1. | Principal location of business of Contractor:           |                             |
|----|---|-----------------------------|
|    | (Address)   | (City, State, Zip)          |
|    | Name/Principal location of business of subcontractor(s) | :                           |
|    | (Name)  | (Address, City, State, Zip) |
|    | (Name)  | (Address, City, State, Zip) |
| 2. | Location where services will be performed by Contractor | or:                         |
|    | (Address)   | (City, State, Zip)          |
|    | Name/Location where services will be performed by sul   | bcontractor(s):             |
|    | (Name)  | (Address, City, State, Zip) |
|    | (Name)  | (Address, City, State, Zip) |

| <ol><li>Location where state data will be located</li></ol>   | l, by Contractor:   |
|---|---|
| (Address)   | (City, State, Zip)  |
| Name/Location(s) where state data will be   | be located by subcontractor(s):   |
| (Name)  | (Address, City, State, Zip)   |
| disclose to the State any change or shift in location<br>before, during and after execution of any contra-<br>State immediately of any such change or shift<br>immediately terminate the contract, unless a duly<br>the services outside the United States. | at Contractor and its subcontractors are under a duty to<br>n of services performed by Contractor or its subcontractors<br>et with the State. Contractor agrees it shall so notify the<br>in location of its services. The State has the right to<br>signed waiver from the State has been attained to perform<br>at I am duly authorized to execute this Affirmation and |
|   | hat this form is a part of any Contract that Contractor may   |
| By:Contractor   |   |
| Print Name:   |   |
| Title:  |   |
| Date:   |   |

#### PN 034 - 07/21/2023 - SUPPLEMENTAL SPECIFICATION 832 COMPENSATION

All BMP listed in SS832 Appendix F are compensated per SS832, Appendix F dated July 21, 2023.

#### PN 128 - 01/18/2019 - UNAUTHORIZED LANE USE:

The Contractor shall be assessed a Disincentive as designated in the Unauthorized Lane Use Table for each unit of time a Critical Lane/Ramp is closed by the Contractor's action while not otherwise permitted by the contract. The Unauthorized Lane Use Table is located in the Plan General Notes. The Disincentive will be for any lane closures caused by the Contractor during times and locations not specifically permitted by this contract.

# PN 640 – 1/15/2021 – REVISIONS TO THE 2019 C&MS FOR ADDITIONAL DATA LOGGING SYSTEM REQUIREMENTS FOR PERMANENT PAVEMENT MARKINGS

#### 614.11.B

On Page 529 **Replace** the first paragraph with the following.

**B.** Work Zone Marking Specifications. Equip traffic paint striping equipment for Class I and Class III markings with a computerized Data Logging System (DLS), including a cab mounted display that shows the actual material application rate and film thickness. For center line, lane line and edge line markings, when the length of marking exceeds 0.5 miles (0.8 km) of continuous line equivalent, document the following with the DLS:

| Measure and record application vehicle speed to        |
|--|
| nearest 0.1 MPH (0.16 km/h),                           |
| Measure and record weight or volume of material used   |
| by color,  |
| Measure and record weight or volume of material used   |
| by line type,  |
| Measure and record weight of glass beads,              |
| Measure and record weight of wet reflective optics,    |
| Measure and record pavement surface temperature,       |
| Measure and record air temperature,                    |
| Measure and record dew point,                          |
| Measure and record humidity,                           |
| Calculate and record average material application rate |
| and film thickness over the section painted.           |

Record as a separate DLS report line entry the above information for each route section painted, when the length of center line, lane line and edge line marking exceeds 0.5 miles (0.8 km) of continuous line equivalent. A route section is defined as one direction of a contiguous section of highway (without breaks) with the same route number designation. Continuous line equivalent is defined as 0.5 mile (0.8 km) of edge line, 0.25 mile (0.4 km) of double yellow center line, or 2 mile (3.2 km) of lane line. DLS documentation is not required for center line, lane line, and edge line markings of 0.5 miles (0.8 km) or less, and for channelizing lines of any length.

If the DLS equipment fails, finish that day's work only and resume when the DLS equipment is working.

The Department will provide a standard DLS short form and long form, that prescribes the correct DLS report format and content prior to beginning of work.

On the first working day following application of markings requiring documentation with the DLS or upon demand, furnish the Engineer a copy of the DLS report in ODOT DLS short report format. The DLS report can be provided in one of the following methods, that should be agreed upon at the preconstruction meeting:

| Hand delivery of paper report, |             |             |         |  |  |  |
|--------------------------------|-------------|-------------|---------|--|--|--|
| Fax de                         | livery of p | paper repor | t,      |  |  |  |
| E-mail                         | of Excel    | spreadshee  | t file, |  |  |  |
| Flash drive transfer of Excel  |             |             |         |  |  |  |
| spread                         | sheet file  |             |         |  |  |  |

Within two weeks of the date of application of markings requiring documentation with the DLS, furnish the Engineer the Excel spreadsheet file of the DLS report in ODOT DLS long report format by e-mail at the e-mail address provided at the preconstruction meeting.

At the end of the project, furnish the Engineer all Excel spreadsheet files in ODOT DLS long report format.

Each DLS shall have an annual calibration of all mechanical and electrical components and its software function and output confirmed by the DLS manufacturer or their designated representative. Evidence of the annual calibration shall be carried by a signed and dated stamp or seal affixed to the inside of the driver's door of each striper.

#### 641.04

On Page 628 Replace the entire subsection with the following.

**641.04 Equipment**. Equip long line pavement marking equipment with a computerized Data Logging System (DLS), including a cab mounted display. For center line, lane line, and edge line markings, when the length of marking exceeds 0.5 mile (0.8 km) of continuous line equivalent, provide the Table 641.04-1 DLS capabilities.

### Table 641.04-1

Provide the highway number with the county and beginning and ending county log points rounded to the nearest thousandths of a mile, the beginning and ending coordinates determined by a Global Positioning System receiver with at least 16 foot accuracy, and the direction of travel in terms of increasing or decreasing county log points. The Department will provide mapping information downloadable through Transportation Information Mapping System (TIMS) online LRS layer at https://gis.dot.state.oh.us/tims

Provides cellular capabilities for field data transport to website.

Provide GPS mapping system that is capable of real time (within 20 minute) tracking of the Department cloud DLS report format, Table 641.04-2 requirements, and color coded alarms for a 20 percent deficiency in film thickness, bead rate, and wet reflective optic rate.

Send report to the Engineer or their designated representative by email at 7:00 AM the day after the work is completed.

Transfer raw data collected by the DLS directly to a secure server.

Provide flagging of data entered manually.

Ensure the DLS manufacturer provides a Department login with direct access to stored data summary on a secure password protected website.

Record as a separate DLS report line entry the Table 641.04-2 information for each route section marked, when the length of center line, lane line and edge line marking exceeds 0.5 mile (0.8 km) of continuous line equivalent. A route section is defined as one direction of a contiguous section of highway (without breaks) with the same route number designation. Continuous line equivalent is defined as 0.5 mile (0.8 km) of edge line, 0.25 mile (0.4 km) of double yellow center line, or 2 mile (3.2 km) of lane line. DLS documentation is not required for center line, lane line, and edge line markings of 0.5 mile (0.8 km) continuous line equivalent or less, and for channelizing lines of any length.

If the DLS equipment fails, finish that day's work only and resume when the DLS equipment is working. Provide documentation of the corrective work that was required to make the DLS and ancillary equipment operational. Repair the DLS before resuming work. Document the application and material usage quantities from the time of the DLS failure and make calculations to determine the gallons or pounds of binder per mile and pounds of beads, wet reflective optics, or both per mile.

The Department will provide a standard DLS long report form (CA-T-9, CA-T-10, CA-T-11, or CA-T-12), that prescribes the correct DLS report format and required content prior to beginning of work. Ensure the DLS records start time once the project or report line is started and the first gun is on. In addition to the Department DLS report format required content, document in accordance with the DLS at least the Table 641.04-2 requirements.

Table 641.04-2 Additional DLS Report Requirements.

Measure and record application vehicle speed to nearest 0.1 MPH (0.16 km/h),

Measure and record weight or volume of material used by color,

Measure and record weight or volume of material used by line type,

Measure and record weight or volume of material used by line width.

The DLS must store data and export to a secure server on a daily basis. Ensure the data is in Microsoft Excel format, or a comma or spaces delimited text file adequate for insertion into a

computerized spreadsheet. Ensure the DLS manufacturer provides the Engineer a direct access login to the data being exported to the secure server. Provide data in the Department cloud DLS report format. Ensure the data is available to the Engineer within 24 hours of the pavement marking work and may be retrieved by the Engineer or designated field personnel for inclusion with documentation reporting. Ensure the electronic records are completed in their final form prior to the records being removed from the pavement marking equipment.

Ensure each DLS has at least an annual calibration of all mechanical and electrical components and its software function and output confirmed by the DLS manufacturer or their designated representative. Ensure evidence of the annual calibration is carried by a signed and dated stamp or seal affixed to the inside of the driver's door of each striper.

- **A. Traffic Paint, Polyester, Epoxy.** Ensure the cab mounted display shows the actual material application rate and film thickness.
- **B. Thermoplastic, Spray Thermoplastic.** Ensure the cab mounted display shows the actual bead application rate.

Use application equipment that includes a kettle for melting the thermoplastic material and maintaining it at the proper temperature. Equip the kettle with a thermostat to control the temperature of the melted thermoplastic material and to prevent overheating. Use equipment that continuously mixes and agitates the molten thermoplastic material. Ensure that the parts of the equipment that convey the thermoplastic material from the kettle to the application point maintains it at the required temperature.

Attach an automatic dispenser for glass beads, wet reflective optics, or both to the equipment so that the beads, optics, or both are immediately and uniformly dispensed over the marking surface. Equip the dispenser with an automatic cut-off control synchronized with the cut-off of the thermoplastic material.

#### 644.03

On Page 638, **Replace** the entire section with the following:

**644.03 Equipment.** When using thermoplastic pavement marking trucks, equip all thermoplastic pavement marking trucks for center line, lane line and edge line markings with a computerized Data Logging System (DLS) conforming to 641.04 when the length of marking exceeds 0.5 mile (0.8 km) of continuous line equivalent. A DLS is not required for markings applied with hand carts.

Ensure that the applicator portion of the equipment has a shoe that rides on the pavement and extrudes the thermoplastic. Ensure that the application equipment applies lines with a square end and can apply broken lines. Furnish application equipment for applying extruded markings that consists of dies of varying widths to produce different widths of lines. Do not use pans, aprons, or similar devices that the die overruns.

Use equipment that ensures uniformity in the thickness and width of lines. Use equipment that forms lines 12 inches (300 mm) wide or less by one application pass, and lines wider than 12 inches (300 mm) by no more than two passes. Do not allow individual passes to overlap or to be separated by a gap greater than 1/4 inch (6 mm).

#### 648.03

On Page 650, **Replace** the entire section with the following:

**648.03 Equipment.** Equip all striping equipment for center line, lane line and edge line markings with a computerized Data Logging System (DLS) conforming to 641.04 when the length of marking exceeds 0.5 mile (0.8 km) of continuous line equivalent.

Ensure that the application equipment applies lines with a square end and can apply broken lines. Furnish application equipment for applying spray thermoplastic markings that produces different widths of lines

Use equipment that ensures uniformity in the thickness and width of lines. Use equipment that forms lines 8 inches (200 mm) wide or less by one application pass.

To the Director of the Ohio Department of Transportation: The undersigned, having full knowledge of the site, plans and specifications for the following improvement and the conditions of this proposal, hereby agrees to furnish all services, labor, materials, and equipment necessary to complete the entire project, according to the plans, specifications and completion dates, and to accept the unit prices specified below for each item as full compensation for the work in this proposal.

Date Set for Completion: 5/16/2025

**Unit Price Contract** 

| Section 00 | Section 0001 TRAFFIC CONTROL |   |    |      |             |  |
|------------|------------------------------|---|----|------|-------------|--|
| Line Alt   | Item Code                    | Item Description  | WT | Unit | Quantity    |  |
| 0001       | 621E00100                    | RPM (WT: 41)  | 41 | EACH | 250.000     |  |
| 0002       | 621E00301                    | RPM REFLECTOR, AS PER PLAN (WT: 41)                               | 41 | EACH | 60,028.000  |  |
| 0003       | 621E54000                    | RAISED PAVEMENT MARKER REMOVED (WT: NR)                           | NR | EACH | 50.000      |  |
| 0004       | 642E00100                    | EDGE LINE, 4", TYPE 1 (WT: 45)                                    | 45 | MILE | 42.770      |  |
| 0005       | 642E00104                    | EDGE LINE, 6", TYPE 1 (WT: 45)                                    | 45 | MILE | 2,273.090   |  |
| 0006       | 642E00200                    | LANE LINE, 4", TYPE 1 (WT: 45)                                    | 45 | MILE | 1.020       |  |
| 0007       | 642E00204                    | LANE LINE, 6", TYPE 1 (WT: 45)                                    | 45 | MILE | 688.880     |  |
| 8000       | 642E00300                    | CENTER LINE, TYPE 1 (WT: 45)                                      | 45 | MILE | 692.140     |  |
| 0009       | 642E00400                    | CHANNELIZING LINE, 8", TYPE 1 (WT: 45)                            | 45 | FT   | 139,901.000 |  |
| 0010       | 642E00404                    | CHANNELIZING LINE, 12", TYPE 1 (WT: 45)                           | 45 | FT   | 342,677.000 |  |
| 0011       | 642E00500                    | STOP LINE, TYPE 1 (WT: 45)  | 45 | FT   | 33,418.000  |  |
| 0012       | 642E00620                    | CROSSWALK LINE, 12", TYPE 1 (WT: 45)                              | 45 | FT   | 26,586.000  |  |
| 0013       | 642E00631                    | CROSSWALK LINE, 24", TYPE 1, AS PER PLAN (WT: 45)                 | 45 | FT   | 1,092.000   |  |
| 0014       | 642E00700                    | TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)                         | 45 | FT   | 112,755.000 |  |
| 0015       | 642E00720                    | CHEVRON MARKING, TYPE 1 (WT: 45)                                  | 45 | FT   | 8,795.000   |  |
| 0016       | 642E00900                    | ISLAND MARKING, TYPE 1 (WT: 45)                                   | 45 | SF   | 8,396.000   |  |
| 0017       | 642E01000                    | RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)                          | 45 | EACH | 27.000      |  |
| 0018       | 642E01110                    | SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)                       | 45 | EACH | 31.000      |  |
| 0019       | 642E01300                    | LANE ARROW, TYPE 1 (WT: 45)                                       | 45 | EACH | 2,408.000   |  |
| 0020       | 642E01312                    | LANE REDUCTION ARROW, TYPE 1 (WT: 45)                             | 45 | EACH | 2.000       |  |
| 0021       | 642E01322                    | WRONG WAY ARROW, TYPE 1 (WT: 45)                                  | 45 | EACH | 146.000     |  |
| 0022       | 642E01410                    | WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)                            | 45 | EACH | 295.000     |  |
| 0023       | 642E20802                    | YIELD LINE, TYPE 1 (WT: 45)                                       | 45 | FT   | 22.000      |  |
| 0024       | 642E30000                    | REMOVAL OF PAVEMENT MARKING (WT: 45)                              | 45 | FT   | 100.000     |  |
| 0025       | 642E30020                    | REMOVAL OF PAVEMENT MARKING (WT: 45)                              | 45 | EACH | 5.000       |  |
| 0026       | 642E50010                    | PAVEMENT MARKING, MISC.:SUPPLEMENTAL WORK REQUESTS-7 DAY (WT: 45) | 45 | EACH | 25.000      |  |
| 0027       | 644E00500                    | STOP LINE (WT: 45)  | 45 | FT   | 100.000     |  |
| 0028       | 644E00700                    | TRANSVERSE/DIAGONAL LINE (WT: 45)                                 | 45 | FT   | 100.000     |  |
| 0029       | 644E00720                    | CHEVRON MARKING (WT: 45)  | 45 | FT   | 100.000     |  |
| 0030       | 644E00900                    | ISLAND MARKING (WT: 45)   | 45 | SF   | 100.000     |  |
| 0031       | 644E01110                    | SCHOOL SYMBOL MARKING, 96" (WT: 45)                               | 45 | EACH | 1.000       |  |
| 0032       | 644E01300                    | LANE ARROW (WT: 45)   | 45 | EACH | 5.000       |  |

| 0033 | 644E01350 | LANE REDUCTION ARROW (WT: 45)  | 45 | EACH | 5.000      |
|------|-----------|--|----|------|------------|
| 0034 | 644E01360 | WRONG WAY ARROW (WT: 45)   | 45 | EACH | 5.000      |
| 0035 | 644E01500 | DOTTED LINE, 4" (WT: 45)   | 45 | FT   | 100.000    |
| 0036 | 644E01510 | DOTTED LINE, 6" (WT: 45)   | 45 | FT   | 12,621.000 |
| 0037 | 644E01630 | BIKE LANE SYMBOL MARKING (WT: 45)  | 45 | EACH | 1.000      |
| 0038 | 644E19000 | SHARED LANE MARKING (WT: 45)   | 45 | EACH | 1.000      |
| 0039 | 644E20800 | YIELD LINE (WT: 45)  | 45 | FT   | 12.000     |
| 0040 | 644E30000 | REMOVAL OF PAVEMENT MARKING (WT: 45)                                       | 45 | FT   | 100.000    |
| 0041 | 644E30020 | REMOVAL OF PAVEMENT MARKING (WT: 45)                                       | 45 | EACH | 5.000      |
| 0042 | 644E40000 | SPEED MEASUREMENT MARKING (WT: 45)   | 45 | EACH | 80.000     |
| 0043 | 814E00010 | INTERSTATE ELONGATED ROUTE SHIELD SYMBOL MARKING, TYPE B125 (WT: 45)       | 45 | EACH | 3.000      |
| 0044 | 814E00016 | CARDINAL DIRECTION (NORTH, SOUTH, WEST & EAST) MARKING, TYPE B125 (WT: 45) | 45 | EACH | 3.000      |

### Section 0002 MAINTENANCE OF TRAFFIC

| Line | Alt | Item Code | Item Description  | WT | Unit | Quantity |
|------|-----|-----------|---|----|------|----------|
| 0045 |     | 614E11110 | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39) | 39 | HOUR | 150.000  |
| 0046 |     | 614E18601 | PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)          | 39 | SNMT | 1.000    |

#### Section 0003 INCIDENTALS

| Line | Alt | Item Code | Item Description  | WT | Unit | Quantity |
|------|-----|-----------|---|----|------|----------|
| 0047 |     | 103E05000 | PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR) | NR | LS   | 1.000    |
| 0048 |     | 614E11000 | MAINTAINING TRAFFIC (WT: 39)  | 39 | LS   | 1.000    |
| 0049 |     | 624E10000 | MOBILIZATION (WT: NR)   | NR | LS   | 1.000    |