



Invitation For Bids (**Revised 01/30/17**)

BID OPENING: DATE: 02/08/2017 TIME: 11:00 AM EST		TITLE: Group 31555 LIQUID BITUMINOUS MATERIALS (2017 NYSDOT Specific Projects) (Federal & State Funds) (Chip Seal; Cold Recycling; Crack Sealer; Micro-surfacing; and Paver Placed Surface Treatment – Conventional & Rubber Modified)			
INVITATION FOR BIDS NO: 23059		CLASSIFICATION CODES: 30 NYS CONTRACT REPORTER CATEGORY/CLASSIFICATION: Construction, Horizontal – Highway & Roadways; Maintenance, Repair & New Construction			
CONTRACT PERIOD:		April 1, 2017 to December 31, 2017			
DESIGNATED CONTACTS: In accordance with the Procurement Lobbying Law [State Finance Law § 139-j (2) (a)], the following individuals are the Designated Contacts for this Solicitation. All questions relating to this Solicitation must be addressed to the Designated Contacts.					
PRIMARY CONTACT: Jose DeAndres Phone: 518-474-3024 Email: jose.deandres@ogs.ny.gov					
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For INSURANCE Questions Only					
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Leighann Brown			Phone No. (518) 457-6595		
Bidder's Federal Tax Identification Number: <i>(Do Not Use Social Security Number)</i>			NYS Vendor Identification Number: <i>(See New York State Vendor File Registration Clause)</i>		
Legal Business Name of Company Bidding:					
D/B/A – Doing Business As (if applicable):					
Street		City	State	County	Zip Code
If applicable, place an "x" in the appropriate box(es) <i>(check all that apply)</i>					
<input type="checkbox"/> NYS Small Business _____ # Employees	<input type="checkbox"/> Service Disabled Veteran Owned Business	<input type="checkbox"/> NYS Minority Owned Business	<input type="checkbox"/> NYS Women Owned Business		
If you are not bidding, place an "x" in the box and return this page only. <input type="checkbox"/> WE ARE NOT BIDDING AT THIS TIME BECAUSE:					

BIDDER CERTIFICATION AND AFFIRMATION

Bidder certifies and affirms as follows:

1. This Bid is an irrevocable offer for 60 days from the date of submission to the New York State (“NYS”) Office of General Services (“OGS”), or for such longer period as is set forth in the Invitation for Bids.
2. The Bidder can and will provide and make available, at a minimum, the Products, deliverables and/or services as described in the Invitation for Bids.
3. The Bidder has read and understands the provisions of the Invitation for Bids, and all appendices, attachments, and exhibits attached thereto, including Appendix A (Standard Clauses for New York State Contracts) and Appendix B (General Specifications).
4. The information contained in this Bid is complete, true, and accurate.
5. The Bidder understands and agrees to comply with the requirements of the Procurement Lobbying Law, State Finance Law § 139-j and § 139-k, and with OGS’ procedures relating to permissible contacts during a procurement as required by State Finance Law § 139-j(3) and § 139-j(6)(b). Such requirements and procedures are posted at http://ogs.ny.gov/aboutOgs/regulations/defaultSFL_139j-k.asp.

The signer affirms under penalties of perjury that he or she is duly authorized to legally bind the Bidder referenced above and that he or she signed this Bidder Certification as the legally binding act of the Bidder.

Print Full Bidder Entity Name

By: _____
Signature of Person Authorized to
Legally Bind the Bidder

Print Name of Signatory

Print Title of Signatory

Date

RETURN THIS PAGE AS PART OF BID

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SECTION 1: INTRODUCTION

1.1 Overview and Scope

This Solicitation - also referred to herein as the Invitation for Bids (IFB) - is issued by the New York State (“NYS”) Office of General Services (“OGS”), Procurement Services for Liquid Bituminous Materials as specified herein for the NYS Department of Transportation (Authorized User shall mean the New York State Department of Transportation ONLY). The solicitation is for specific NYSDOT projects ONLY, which are listed in Attachment 01 – *Pricing*. For other bidding opportunities, including centralized contracts for other State agencies or municipalities, please visit the OGS website or NYS Contract Reporter.

This Solicitation outlines the terms and conditions and all applicable information required for submitting a Bid. Bidders should pay strict attention to the Bid submission date and time to prevent disqualification. Bidders are strongly encouraged to read the language of this Solicitation thoroughly and to precisely follow the instructions included in the Solicitation and all attachments.

Detailed information on the procurement process is set forth in the *Method of Award Sections* for each of the liquid bituminous materials road maintenance treatments.

Joint and Crack Filler/Sealers are hot-poured liquid bituminous materials (rubberized asphalt; asphalt cement and polyester fibers; asphalt filler) used to fill and/or seal cracks in the surface of highway pavements. Some products incorporate recycled materials with up to 18% recycled content and up to 18% post-consumer content.

Microsurfacing is a pavement preventive maintenance treatment which offers minor improvements to rideability and has excellent friction characteristics. Quick Set Slurry Seal is a pavement preventive maintenance treatment that offers minor improvements to rideability and has excellent friction characteristics for low volume roads.

Cold Recycling of bituminous concrete pavements is a corrective maintenance technique. The existing pavement is milled off for a depth of 3 to 4 inches (75mm to 100mm), a liquid bituminous material is added to the millings, and the resulting mixture is placed and compacted on the milled surface. A new bituminous concrete sealing layer is added later. Existing cracks are eliminated and the resulting pavement should last for many years.

Conventional chip seal is a pavement preventive maintenance treatment which consists of single-sized stone embedded in a liquid bituminous material. The liquid bituminous material seals cracks in the existing pavement and the stone provides a high-friction wearing surface.

Conventional and Rubber Modified Paver Placed Surface Treatment is a preventive maintenance treatment used to preserve highway pavements. The treatment is a surface paving system, placed by a self-priming paver, where a modified emulsion tack coat is placed directly before the application of a conventional or rubber modified hot mix asphalt wearing course.

This IFB and ensuing contract provide an avenue for preventive maintenance activities which ensure that highways and bridges meet or exceed their optimum useful life.

Note: All scope changes are subject to the approval of the New York State Office of the State Comptroller as required by law.

1.2 Estimated Quantities

The quantities or dollar values listed in this Solicitation are estimated only. A Contract resulting from this Solicitation shall be an estimated quantity Contract. No specific quantities are represented or guaranteed. The Contractor must furnish all quantities actually ordered at or below the Contract prices. The anticipated dollar value of the award for this Solicitation is approximately \$15 million. The individual value of each resultant Contract is indeterminate and will depend upon the number of Contracts issued and the competitiveness of the pricing offered. See Appendix B, *Estimated/Specific Quantity Contracts and Participation in Centralized Contracts*.

Numerous factors could cause the actual quantities of Products purchased under a Contract resulting from this Solicitation to vary substantially from the estimates in the Solicitation. Such factors include, but are not limited to, the following:

- Such Contracts may be non-exclusive Contracts.
- There is no guarantee of quantities to be purchased, nor is there any guarantee that demand will continue in any manner consistent with previous purchases.

- The individual value of each Contract is indeterminate and will depend upon actual Authorized User demand and actual quantities ordered during the contract period.
- The State reserves the right to terminate any Contract for cause or convenience prior to the end of the term pursuant to the terms and conditions of the Contract.

By submitting a Bid, Bidder acknowledges the foregoing and agrees that actual good faith purchasing volumes during the term of the resulting Contracts could vary substantially from the estimates provided in this Solicitation.

1.3 Site Visit

Vendors intending to submit bids shall examine the sites of the projects and become fully knowledgeable of the quantities, character, location and other conditions affecting the work to be performed; including the existence of poles, wires, ducts, conduits, and other facilities and structures of municipal and other public service corporations on, over, or under the site. No claim will be made against the State due to reliance upon any estimates, test or other representations made by an officer or agent of the State with respect to the work to be performed.

1.4 Key Events/Dates

Event	Date	Time
IFB Release	01/18/2017	N/A
Closing Date for Bidder Questions	01/26/2017	5:00 PM ET
OGS Procurement Services' Responses to Bidder Questions	01/30/2017 (tentative)	N/A
Bid Opening / Due date for Bids	02/08/2017	11:00 AM ET
Contract Approval Date / Award Publish Date	04/01/ 2017 (tentative)	N/A

1.5 Bidder Questions

All questions regarding this Solicitation should be submitted using Attachment 06 – *Bidder Questions Form*, citing the applicable Solicitation document name and document section. The completed form must be emailed to jose.deandres@ogs.ny.gov by the date and time indicated in the *Key Events/Dates* section. Questions submitted after the deadline indicated may not be answered. A Bidder is strongly encouraged to submit questions as soon as possible. Answers to all questions of a substantive nature will be provided to all prospective Bidders in the form of a question and answer document which will be posted to the OGS website and will not identify the Bidder asking the question. Notification of this posting will be advertised in the NYS Contract Reporter.

If Bidder intends to submit a Bid that deviates from the requirements of the Solicitation in any way, the proposed deviations should be submitted during the *Questions* period so that they may be given due consideration prior to the submission of Bids. See *Bid Deviations* for additional information.

1.6 NYS Contract Reporter

Bidders must register with the New York State Contract Reporter (“NYSCR”) at <https://www.nyscr.ny.gov> in order to receive notifications about this Solicitation. Navigate to the “I want to find contracts to bid on” page to register for your free account. In order to receive e-mail notifications regarding updates to the content or status of a particular ad, you must choose the option “send me notification updates on this,” located in the lower right hand corner of the particular ad. Answers to all questions of a substantive nature will be posted in the form of a question and answer document and released through the NYSCR. Any updates to Solicitation documents will also be posted and released through the NYSCR. If you do not opt-in to receive notification updates regarding a particular ad, you will not receive e-mail notifications regarding updates, including e-mail notifications regarding the posting of the question and answer document and updates to Solicitation documents. **Be advised that submission of responses to the Solicitation that do not reflect and take into account updated information may result in your Bid being deemed non-responsive to the Solicitation.**

1.7 Summary of Policy and Prohibitions on Procurement Lobbying

Pursuant to State Finance Law § 139-j and § 139-k, this Solicitation includes and imposes certain restrictions on communications between OGS and a Bidder during the procurement process. A Bidder is restricted from making contacts from the earliest posting, on a governmental entity's website, in a newspaper of general circulation, or in the procurement opportunities newsletter of intent to solicit offers/Bids through final award and approval of the Procurement Contract by OGS and, if applicable, the Office of the State Comptroller ("restricted period") to other than designated staff unless it is a contact that is included among certain statutory exceptions set forth in State Finance Law § 139-j(3)(a). Designated staff, as of the date hereof, is identified on the first page of this Solicitation and in the *MWBE Designated Contacts and Insurance Designated Contacts* sections. OGS employees are also required to obtain certain information when contacted during the restricted period and make a determination of the responsibility of the Bidder pursuant to these two statutes. Certain findings of non-responsibility can result in rejection for Contract award and, in the event of two findings within a four-year period, the Bidder is debarred from obtaining governmental Procurement Contracts for four years. Further information about these requirements can be found on the OGS website at: <http://www.ogs.ny.gov/acpl/>

1.8 Definitions

Unless otherwise noted, capitalized terms used in this Solicitation shall be defined in accordance with Appendix B, *Definitions*, or as below.

"Authorized User" shall mean the New York State Department of Transportation ONLY.

"Bid Deviation" shall refer to any variance submitted or proposed by a Bidder, which deviates from, adds extraneous terms to, conflicts with or offers an alternative to any term, condition, specification or requirement of the Solicitation.

"Business Day" shall refer to Monday through Friday from 8:00 AM – 5:00 PM ET, excluding NYS Holidays and federal holidays.

"MWBE" shall refer to a business certified with NYS Empire State Development ("ESD") as a Minority- and/or Women-owned Business Enterprise.

"NYS Holidays" refers to the legal holidays for State employees in the classified service of the executive branch, as more particularly specified on the website of the NYS Department of Civil Service. This includes the following: New Year's Day; Martin Luther King Day; Washington's Birthday (observed); Memorial Day; Independence Day; Labor Day; Columbus Day; Veteran's Day; Thanksgiving Day; and Christmas Day.

"NYS Vendor ID" shall mean the ten-character identifier issued by New York State when a vendor is registered on the Vendor File.

"Preferred Source Products" shall refer to those Products that have been approved in accordance with State Finance Law § 162.

"Preferred Source Program" shall refer to the special social and economic goals set by New York State in State Finance Law § 162 that require a governmental entity purchase select Products from designated organizations when the Products meet the "form, function and utility" requirements of the governmental entity. Under State Finance Law § 163, purchases of Products from Preferred Sources are given the highest priority and are exempt from the competitive bidding requirements. The New York State Preferred Sources include: The Correctional Industries Program of the Department of Corrections and Community Supervision ("Corcraft"); New York State Preferred Source Program for People Who Are Blind ("NYSPSP"); and the New York State Industries for the Disabled ("NYSID"). These requirements apply to state agencies, political subdivisions and public benefit corporations (including most public authorities).

"Procurement Services" shall refer to a business unit of OGS, formerly known as New York State Procurement ("NYSPPro") and Procurement Services Group ("PSG").

"SDVOB" shall refer to a NYS-certified Service-Disabled Veteran-Owned Business.

1.9 Appendices and Attachments

The following appendices and attachments, attached hereto, are hereby expressly made a part of this Solicitation as fully as if set forth at length herein:

Appendix A – Standard Clauses for NYS Contracts (January 2014)

Appendix B – General Specifications (April 2016)

Appendix C – Contract Modification Procedure

Attachment 01 - Pricing

Attachment 02 - New York State Required Certifications

Attachment 03 – Encouraging Use of NYS Businesses

Attachment 04 - Insurance Requirements

Attachment 05 – Bidder Information Questionnaire

Attachment 06 – Bidder Questions Form

Attachment 07 – Group Specifications #935

Attachment 08 – Group Specifications #936

Attachment 09 – Detailed Specifications – Liquid Bituminous Materials

Attachment 10 – Work Zone Traffic Control Drawings

Attachment 11 – Report of Contract Usage

Attachment 12 – Chapter 12 – Appendices, Package A

Attachment 13 – NYS Map – NYSDOT Regions

1.10 Conflict of Terms

Conflicts among the Solicitation documents shall be resolved in the following order or precedence:

- a) Appendix A (January 2014), Standard Clauses for New York State Contracts;
- b) Invitation for Bids #23059, including all appendices and attachments;
- c) Appendix B (April 2016), *General Specifications*;

SECTION 2: BIDDER QUALIFICATIONS

2.1 Qualification of Bidder

Upon request a Bidder shall submit satisfactory evidence that it possesses sufficient previous experience, financial resources and organization to perform the type, magnitude, and quality of work specified herein.

No bid will be considered unless the bidder submitting same can meet the following conditions:

- a. Bidder should indicate in their bids the plant locations and the approved NYSDOT Facility number(s) from which material will be supplied in the event of award. This requirement does NOT apply to bids for Crack Sealer.
- b. A Bidder must certify its commitment to obtain all necessary proof of insurance with its proposal via Attachment 05– *Bidder Information Questionnaire*. Upon tentative award, Bidder shall be required to procure all required insurance. If awarded a Contract, Contractor must provide proof of current insurance, certifications, licensing, etc. throughout the Contract term if requested by OGS. See Attachment 04 – *Insurance Requirements* for detailed insurance requirements.

A Bidder is advised that the State's intent in having the requirements listed above is to ensure that a responsive and responsible Bidder is awarded a Contract. OGS reserves the right to request any additional information regarding a Bidder's abilities, qualifications and procedures as it deems necessary to ensure safe and satisfactory performance under a Contract.

OGS reserves the right to investigate or make any inquiry into the capabilities of any Bidder to properly perform under any resultant Contract.

Note: Failure by a Bidder to provide any of the above information as requested by OGS or to meet any of the above qualifications in whole or in part may result in a rejection of that Bidder's bid.

2.2 Materials

Materials offered must be from a NYS Dept. of Transportation approved location. Materials offered from other than approved locations will not be considered for award and will be sufficient cause for rejection of all or part of a bid.

SECTION 3: SPECIFICATIONS

3.1 NYSDOT Standard Specifications

NYSDOT Standard Specifications, most current version and all current addenda at the time of bid opening are hereby expressly made a part of this bid document as fully as if set forth at length herein and shall govern any situations not covered by this Bid Document, Package A or Appendix B including, but not limited to, provisions relative to "Buy America", "Stopping Work", "Dispute Resolution and Disputed Work", "Damages", "Extension of Time", "Extra Work, Force Account Work, Dispute Compensation and Recordkeeping", "Time Related Dispute Compensation" and "Changed Conditions and Delay Provisions". The referenced provisions supplement the Bid Document, Package A and Appendix B establishing specific standardized parameters for contract administration and project management by NYSDOT. A copy may be obtained through the Department's publication unit. For information, use the following link: <https://www.dot.ny.gov/main/business-center/engineering/specifications/updated-standard-specifications-us>.

3.2 Group Specifications #935

Group Specifications for any Bituminous Concrete – Hot Mix Asphalt material item included in this contract are set forth in the Attachment 07 - *Group Specifications #935*. Bidder shall comply with the specifications set forth in that Attachment.

3.3 Group Specifications #936

Group Specifications for any Liquid Bituminous Material item included in this contract are set forth in the Attachment 08 - *Group Specifications #936*. Bidder shall comply with the specifications set forth in that Attachment.

SECTION 4: BID SUBMISSION

4.1 Bonds

Chip Seal - Please refer to Section 7.7 Bonding Requirements- Chip Seal.
Micro-Surfacing - Please refer to Section 10.7 Contract Bonds – Micro-Surfacing.

4.2 NYS Vendor File Registration

Prior to being awarded a Contract pursuant to this Solicitation, the Bidder and any authorized resellers who accept payment directly from the State, must be registered in the New York State Vendor File (Vendor File) administered by the Office of the State Comptroller (OSC). This is a central registry for all vendors who do business with New York State Agencies and the registration must be initiated by a State Agency. Following the initial registration, a unique New York State ten-digit vendor identification number (Vendor ID) will be assigned to your company and to each of your authorized resellers (if any) for use on all future transactions with New York State. Additionally, the Vendor File enables a vendor to use the Vendor Self-Service application to manage all vendor information in one central location for all transactions related to the State of New York.

If Bidder is already registered in the New York State Vendor File, the Bidder must enter its Vendor ID on the first page of this Solicitation. Authorized resellers already registered should list the Vendor ID number along with the authorized reseller information.

If the Bidder is not currently registered in the Vendor File, the Bidder must request assignment of a Vendor ID from OGS. Bidder must complete the OSC Substitute W-9 Form (http://www.osc.state.ny.us/vendors/forms/ac3237s_fe.pdf) and submit the form to OGS in advance of Bid submission. Please send this document to the Designated Contact identified in the Solicitation. In addition, if an authorized reseller is to be used that does not have a Vendor ID, an OSC Substitute W-9 form should be completed by each authorized reseller and submitted to OGS. OGS will initiate the vendor registration process for all Bidders and authorized resellers. Once the process is initiated, registrants will receive an e-mail identifying their Vendor ID and instructions on how to enroll in the online Vendor Self-Service application.

For more information on the Vendor File please visit the following website: http://www.osc.state.ny.us/vendor_management

4.3 Format and Bid Submission

This Invitation for Bids contains the following files:

Name	Format
Invitation for Bids # 23059	PDF
Attachment 01 – Pricing	Microsoft Excel
Attachment 02 – NYS Required Certifications	PDF
Attachment 03 – Encouraging Use of NYS Businesses	PDF
Attachment 04 – Insurance Requirements	PDF
Attachment 05 – Bidder Information Questionnaire	Microsoft Excel
Attachment 06 – Bidder Questions Form	Microsoft Excel
Attachment 07 – Group Specifications #935	PDF
Attachment 08 – Group Specifications #936	PDF
Attachment 09 – Detailed Specifications – Liquid Bituminous Materials	PDF
Attachment 10 – Work Zone Traffic Control Drawings	PDF
Attachment 11 – Report of Contract Usage	Microsoft Excel
Attachment 12 – Chapter 12 - Appendices - “Package A”	Microsoft Excel
Attachment 13 – NYS Map – NYSDOT Regions	PDF

The complete Bid package must be received by OGS Procurement Services by the date and time of the Bid opening. Late Bids shall be handled in accordance with Appendix B, *Late Bids*. Any Bid pricing or portions thereof submitted on CD or flash drive that are incomplete or that cannot be opened/accessed may be rejected. With respect to any Bid documents in Excel format, only those cells provided for entering Bid pricing and information are to be accessed by the Bidder.

E-mail or facsimile Bid submissions are not acceptable.

It is recommended that the Bidder open, review and save/download all electronic files to the Bidder's hard drive and/or to a secure back-up. Only completed files (in the specified format) should be saved to a CD or flash drive.

Bidders are responsible for the accuracy of their Bids. All Bidders are directed to take extreme care in developing their Bids. Bidders are cautioned to carefully review their Bids prior to Bid submission. A Bid that fails to conform to the requirements of the Solicitation may be considered non-responsive and may be rejected.

Bidder should note that only electronic copies of Pricing should be submitted. Any paper copy submission of Pricing will be rejected and will need to be resubmitted in electronic form. Pricing in PDF format will also be rejected and will need to be resubmitted in Excel.

It is required that each Bidder submit the offering in accordance with the instructions below.

4.3.1 Content

A complete Bid consists of the following:

1. **Two (2) separate flash drives (preferably) or two (2) separate CDs. Each should contain the following files:**
 - a. **Completed Attachment 01 - Pricing.**
Any or all of the OGS Items (projects) that are being bid
These price pages must be saved to the flash drives or the CDs in **Microsoft Excel format** and they must be sent as part of the bid proposal at the time of the bid opening.
Important: Any price pages submitted in a different format than Excel may be rejected. Price pages in PDF format may also be rejected.
 - b. **Completed Attachment 05 – Bidder Information Questionnaire**
Attachment 05 – *Bidder Information Questionnaire* must be in **Microsoft Excel format.**
Important: Any Attachment 05 – Bidder Information Questionnaire submitted in a different format than Excel may be rejected and it will need to be submitted again as an Excel spreadsheet (this attachment in PDF format may also be rejected);
2. **Original paper versions of each of the following (to be placed in a three-ring binder):**
 - a. **Original pages 1 and 2 of the IFB with original ink signatures**
Originals are required;
 - b. **Completed Attachment 02 – NYS Required Certifications with original ink signatures**
Originals are required;
 - c. **Completed Attachment 03 – Encouraging Use of NYS Businesses;**
 - d. **Proof of compliance with Attachment 04 – Insurance Requirements;**
 - e. **Completed, notarized and signed Contractor Certification, ST-220-CA**
This form can be found at: https://www.tax.ny.gov/forms/form_number_order_st_y.htm
A signed and notarized original ST-220-CA form is required;
 - f. **Completed Form EEO100, Equal Employment Opportunity Staffing Plan;**
This form can be found at: <http://www.ogs.ny.gov/MWBE/Forms.asp>
 - g. **Attachment 12 - “Chapter 12 - Appendices - Package A”;**
Pages 12.A.4, 12.A.5, 12.A.9, 12.A.10 and 12.A.11 of this attachment (if the project(s) that is/are being bid are Federal Funded projects).

4.3.1 Content (Cont'd)

3. Completed Certified/Recertified New York State Vendor Responsibility Questionnaire (OSC website)

Note to Bidders: The bidder needs to have a **completed certified/recertified Questionnaire no older than six (6) months prior to the bid opening date.** (Please see “New York State Vendor Responsibility” Clause within this Invitation for Bids)

New York State Office of General Services NYS Procurement reserves the right to reject any bid submission or portion(s) thereof determined to have been altered/modified from the original format by the vendor. Such alterations/modifications include but are not limited to any change(s) to document header(s), footer(s) and/or cell(s); unprotecting worksheet(s)/workbook(s); hiding/unhiding cell(s)/column(s)/row(s)/worksheet(s); and locking/unlocking cell(s).

Also, please note that in the case of discrepancies between paper copies and CD or flash drive submissions of the documents required in both formats, the electronic (CD or flash drive) copy shall take precedence over the paper copy.

A Bidder should note that any indicators or messages that have been built into the attachments are informational only and provided solely for the purpose of assisting Bidders in completing the attachments. The presence or absence of notes or indicators is not a determination by the State as to the sufficiency of the attachments with respect to the Solicitation requirements. Bidders remain responsible for reviewing the attachments to ensure compliance with the Solicitation requirements.

4.3.2 Bid Envelopes and Packages

All Bids should have a label on the outside of the envelope or package itemizing the following information:

1. BID ENCLOSED (preferably bold, large print, all capital letters)
2. Solicitation number (IFB #23059)
3. Bid Opening Date and Time
4. The number of boxes or packages (e.g., 1 of 2; 2 of 2)

Failure to complete all information on the Bid envelope and/or package may necessitate the opening of the Bid prior to the scheduled Bid opening.

4.3.3 Bid Delivery

Bids shall be delivered to the following address on or before 11:00 a.m. ET, on or before the Bid opening date:

State of New York Executive Department
Office of General Services
Procurement Services
Corning Tower - 38th Floor Reception Desk
Empire State Plaza
Albany, NY 12242

Bidder assumes all risks for timely, properly submitted deliveries. The time of Bid receipt is determined by OGS according to the clock at the above-noted location. A Bidder is strongly encouraged to arrange for delivery of Bids to OGS prior to the date of the Bid opening. Late Bids shall be handled in accordance with Appendix B, *Late Bids*. All Bids and accompanying documentation shall become the property of the State of New York and shall not be returned.

4.3.4 Important Building Access Procedures

To access the Corning Tower, all visitors must check in by presenting photo identification at the information desk. Delays may occur due to a high volume of visitors. Visitors conducting Procurement Services business are encouraged to pre-register for building access by contacting the Procurement Services receptionist at (518) 474-6262 at least 24 hours prior to the visit. Visitors who are not pre-registered will be directed to a designated phone to call the Procurement Services receptionist. The receptionist will register the visitor at that time but delays may occur. Building access procedures may change or be modified at any time.

4.4 NYS Required Certifications

A Bidder is required to submit the signed New York State Required Certifications (Attachment 02 – *NYS Required Certifications*) with its Bid.

4.5 Bid Deviations

Bids must conform to the terms set forth in the Solicitation. As set forth in *Bidder Questions*, if Bidder intends to submit a Bid that deviates from the requirements of the Solicitation in any way, the proposed deviations should be submitted during the *Questions* period so that they may be given due consideration prior to the submission of Bids. Material deviations (including additional, inconsistent, conflicting, or alternative terms) submitted with the Bid may render the Bid non-responsive and may result in rejection of the Bid.

Bidder is advised that OGS will not entertain any exceptions to Appendix A (*Standard Clauses for New York State Contracts*). OGS will also not entertain exceptions to the Solicitation or Appendix B (*General Specifications*) that are of a material and substantive nature.

Extraneous terms submitted on standard, pre-printed forms (including but not limited to: product literature, order forms, license agreements, contracts or other documents) that are attached or referenced with submissions shall not be considered part of the Bid or resulting Contract, but shall be deemed included for informational or promotional purposes only.

4.6 Bid Opening Results

Procurement Services posts Bid information on the OGS web page. The web page makes selected information available about the Solicitation. Such information is anticipated to be available online within two business days after the Bid opening.

The Bid Opening Results Page is available at: <https://nyspro.ogs.ny.gov/nyspro-bid-openings>

4.7 Bid Liability

The State of New York will not be held liable for any cost incurred by the Contractor for work performed in the production of a Bid or for any work performed prior to the formal execution of a Contract.

4.8 NYS Reserved Rights

New York State reserves the right, in its sole discretion, to:

- A. Reject any or all Bids received in response to the Solicitation;
- B. Withdraw the Solicitation at any time at the sole discretion of the State;
- C. Make an award under the Solicitation in whole or in part;
- D. Disqualify any Bidder whose conduct and/or Bid fails to conform to the requirements of the Solicitation;
- E. Seek clarifications and revisions of the Bid;
- F. Amend the Solicitation prior to the Bid opening to correct errors or oversights, or to supply additional information as it becomes available;
- G. Direct Bidders, prior to the Bid opening, to submit Bid modifications addressing subsequent Solicitation amendments;
- H. Change any of the schedule dates with notification through the NYS Contract Reporter;
- I. Eliminate any mandatory, non-material requirements that cannot be complied with by all of the prospective Bidders;
- J. Waive any requirements that are not material;
- K. Utilize any and all ideas submitted in the Bids received;
- L. Adopt all or any part of a Bidder's Bid in selecting the optimum configuration;
- M. Negotiate with a Bidder within the Solicitation requirements to serve the best interests of the State. This includes requesting clarifications of any or all Bids;
- N. Require clarification at any time during the procurement process and/or require correction of arithmetic or other apparent errors for the purpose of assuring a full and complete understanding of a Bidder's Bid and/or to determine a Bidder's compliance with the requirements of the Solicitation;
- O. Select and award the Contract to other than the selected Bidder in the event of unsuccessful negotiations or in other specified circumstances as detailed in the Solicitation;
- P. Accept and consider for Contract award Bids with non-material Bid Deviations or non-material Bid defects such as errors, technicalities, irregularities, or omissions;

- Q. Use any information which OGS obtains or receives from any source and determines relevant, in OGS's sole discretion, for the purposes of bid evaluation and Contractor selection;
- R. Consider a proper alternative where an evidently incorrect reference/parameter/component/product/model/code number is stated by the State or the Bidder;
- S. Reject an obviously unbalanced Bid as determined by the State; and
- T. Conduct Contract negotiations with -the next responsible Bidder, should the Agency be unsuccessful in negotiating with the selected Bidder;
- U. Make no award for any Product, region, or lot, as applicable, for reasons including, but not limited to, unbalanced, unrealistic or excessive Bidder pricing, a change in Authorized User requirements and/or Products, or an error in the Solicitation (e.g., use of incorrect reference, pack size, description, etc.). In such case, evaluation and ranking of Bids may be made on the remaining Products, regions, or lots;
- V. Offer a Bidder the opportunity to provide supplemental information or clarify its Bid, including the opportunity to explain or justify the balance, realism, and/or reasonableness of its pricing.

4.9 Incorporation

Portions of the successful Bidder's Bid and of this Solicitation shall be incorporated into a final Contract, with a separate document executed by Contractor and OGS. A final Contract will be formalized either through a separate contract document or through a contract award letter incorporating the Bid, each having its own provision governing conflict of terms.

The terms and conditions set forth in the Contract shall govern all transactions under the Contract. The contract may only be modified or amended upon mutual written agreement of the Commissioner and Contractor, subject to the approval of the Office of the State Comptroller as required by law.

SECTION 5: METHOD OF AWARD

5.1 Method of Award

Chip Seal - Please refer to Section 7.2 - Method of Award- Chip Seal.

Cold Recycling - Please refer to Section 8.2 - Method of Award- Cold Recycling.

Crack Sealer - Please refer to Section 9.2 - Method of Award- Crack Sealer.

Micro-Surfacing - Please refer to Section 10.2 - Method of Award- Micro-Surfacing.

Paver Placed Surface Treatment - Please refer to Section 11.2 - Method of Award- Paver Placed Surface Treatment.

5.2 Notification of Award

Tentative award of the Contract shall consist of written notice to that effect by OGS to a selected Bidder, who shall execute a Contract upon a determination by OGS that the Bidder is responsive and responsible.

Non-awardees will also be notified that their Bid was not selected for award.

SECTION 6: TERMS & CONDITIONS

6.1 Contract Term and Extensions

It is the intention of the State to enter into a contract for the term as stated on the front page of the Invitation for Bids except that the commencement and termination dates appearing on the Invitation for Bids may be adjusted forward unilaterally by the State for any resulting contract for up to two calendar months, by indicating such change on the Contract Award Notification.

The contract dates may be adjusted forward beyond two months only with the approval of the successful bidder. If, however, the bidder is not willing to accept an adjustment of the contract dates beyond the two month period, the State reserves the right to proceed with an award to another bidder. All such extensions and/or renewals are subject to the approval of the State Comptroller as required by law.

6.2 Short Term Extension

If mutually agreed upon between OGS and the Contractor, and subject to the approval of the State Comptroller as required by law, the Contract may be extended under the same terms and conditions for up to three (3) additional periods of up to one (1) year each. Extensions may be exercised on a continuing basis such as an additional three (3) month, six (6) month or twelve (12) month period. In the event a replacement Contract has not been issued at the time of Contract expiration, any Contract let and awarded hereunder by the State, may be extended unilaterally by the State for an additional period of up to one (1) month upon notice to the Contractor with the same terms and conditions as the original Contract including, but not limited to, quantities (prorated for such one (1) month extension), pricing, and Delivery requirements. With the concurrence of the Contractor, the extension may be for a period of up to three (3) months in lieu of one (1) month. However, this extension terminates should the replacement Contract be issued in the interim.

6.3 Price

Pricing will be collected using Attachment 01 – *Pricing*.

Chip Seal - Please refer to Section 7.3 – Pricing Information- Chip Seal.

Cold Recycling - Please refer to Section 8.3 - Pricing Information - Cold Recycling.

Crack Sealer - Please refer to Section 9.3 - Pricing Information - Crack Sealer.

Micro-Surfacing - Please refer to Section 10.3 - Pricing Information - Micro-Surfacing.

Paver Placed Surface Treatment - Please refer to Section 11.3 - Pricing Information - Paver Placed Surface Treatment.

6.4 Asphalt Price Adjustments

Chip Seal - Please refer to Section 7.4 – Asphalt Price Adjustments- Chip Seal.

Cold Recycling - Please refer to Section 8.4 - Asphalt Price Adjustments - Cold Recycling.

Crack Sealer - Please refer to Section 9.4 - Asphalt Price Adjustments - Crack Sealer.

Micro-Surfacing - Please refer to Section 10.4 - Asphalt Price Adjustments - Micro-Surfacing.

Paver Placed Surface Treatment - Please refer to Section 11.4 - Asphalt Price Adjustments - Paver Placed Surface Treatment.

6.5 Prevailing Wage Rates – State and Federally Funded Public Works Contracts

Work being bid is subject to the prevailing wage rate provisions of New York State Labor Law. See "Prevailing Wage Rates - Public Works and Building Services Contracts" in Appendix B, OGS General Specifications. Any federal or State determination of a violation of any public works law or regulation, or labor law or regulation, or any OSHA violation deemed "serious or willful" may be grounds for a determination of vendor non-responsibility, rejection of bid, suspension or termination of Contract.

Any provisions of NYS Labor Law that are in conflict with mandatory Federal-Aid construction contract compliance requirements are superseded. Any provisions of NYS Labor Law that are not in conflict with mandatory Federal-Aid construction contract compliance requirements or the Davis-Bacon Act but are more restrictive shall apply.

For bidding purposes, the applicable Prevailing Wage Rate Schedule for this solicitation is **PRC # 2016011982**.

IMPORTANT NOTE: NYSDOT will provide a separate PRC # for each purchase from this contract where prevailing wage rates apply. The PRC # provided in this bid is for information and evaluation purposes only.

For access to the Department of Labor (DOL) Prevailing Wage Schedule, use the following link:

<https://applications.labor.ny.gov/wpp/showFindProject.do?method=showIt>

<https://applications.labor.ny.gov/wpp/publicViewPWChanges.do?method=showIt>

Links to schedule updates appear in the table at the bottom of the web page.

The Federal Wage Rate Charts are located on the web at: <http://www.wdol.gov/dba.aspx>. To retrieve the Federal Wage Rate Charts, referring to the next page's tables, enter the applicable WD# in the "Select DBA by number" field on the web page and click "Search".

Worker Notification

Labor Law § 220(3-a)(a)(ii) requires Contractors and subcontractors to provide written notice to all laborers, workers or mechanics of the *prevailing wage rate* for their particular job classification *on each pay stub**. It also requires Contractors and subcontractors to *post a notice* at the beginning of the performance of every public work Contract *on each job site* that includes the telephone number and address for the Department of Labor and a statement informing laborers, workers or mechanics of their right to contact the Department of Labor if he/she is not receiving the proper prevailing rate of wages and/or supplements for his/her particular job classification. The required notification will be provided with each wage schedule, may be downloaded from <https://www.labor.ny.gov/home/> or made available upon request by contacting the Bureau of Public Work at 518-457-5589.

* In the event that the required information will not fit on the pay stub, an accompanying sheet or attachment of the information will suffice.

OSHA 10-Hour Construction Safety and Health Course

Labor Law § 220-h requires that on all public work contracts of at least \$250,000, all laborers, workers, and mechanics working on site be certified as having successfully completed the OSHA 10-hour construction safety and health course. It further requires that the advertised bids and contracts for every public work contract of at least \$250,000 contain a provision of the requirement AND only applies to workers on a public work project that are required under Article 8 to receive the prevailing wage.

Further information may be found at: <https://labor.ny.gov/workerprotection/publicwork/PWContents.shtm>

Living Wage

An Authorized User subject to a local law establishing a "living wage", such as Section 6-109 of the New York City Administrative Code, is required to ensure the Contractor sought to be hired complies with such local law. If the pay rate(s) for a job title(s) as set forth in Appendices 7 through 13 – Price Pages is less than the local law "living wage," then the Authorized User subject to such local law cannot use this Contract for such job title(s). Local laws, however, are not a term and condition of the OGS contract.

6.5 Prevailing Wage Rates – State and Federally Funded Public Works Contracts (Cont'd)

COUNTY	WD #
Albany	NY2
Allegany	NY47
Bronx	NY3
Broome	NY4
Cattaraugus	NY8
Cayuga	NY36
Chautauqua	NY8
Chemung	NY5
Chenango	NY4
Clinton	NY6
Columbia	NY2
Cortland	NY42
Delaware	NY21
Dutchess	NY7
Erie	NY8
Essex	NY6
Franklin	NY35
Fulton	NY2
Genesee	NY29
Greene	NY2
Hamilton	NY46

COUNTY	WD #
Herkimer	NY31
Jefferson	NY9
Kings	NY3
Lewis	NY9
Livingston	NY30
Madison	NY15
Monroe	NY10
Montgomery	NY2
Nassau	NY12
New York	NY3
Niagara	NY11
Oneida	NY14
Onondaga	NY16
Ontario	NY32
Orange	NY7
Orleans	NY34
Oswego	NY38
Otsego	NY37
Putnam	NY25
Queens	NY3
Rensselaer	NY2

COUNTY	WD #
Richmond	NY3
Rockland	NY20
Saratoga	NY2
Schenectady	NY2
Schoharie	NY2
Schuyler	NY5
Seneca	NY40
St Lawrence	NY9
Steuben	NY18
Suffolk	NY12
Sullivan	NY7
Tioga	NY45
Tompkins	NY24
Ulster	NY7
Warren	NY39
Washington	NY2
Wayne	NY44
Westchester	NY17
Wyoming	NY41
Yates	NY33

6.6 Price Structure

- a. If, during the Contract Term, the Contractor is unable or unwilling to meet contractual requirements in whole or in part based on the price structure of the Contract, it shall immediately notify the Office of General Services, Procurement Services in writing. Such notification shall not relieve the Contractor of its responsibilities under the Contract. The State may, but is not required to, consider an equitable adjustment in the Contract terms and/or pricing in the circumstances outlined in Appendix B, *Savings/Force Majeure*.
- b. Should the Commissioner in his or her sole discretion determine during the Contract Term that (i) the Contract price structure is unworkable, detrimental, or injurious to the State, or (ii) the Contract price structure results in prices which are unreasonable, excessive, or not truly reflective of current market conditions, and no adjustment in the Contract terms and/or pricing is mutually agreeable, the State may terminate the Contract upon 10 business days written notice mailed to the Contractor.

6.7 Ordering

Purchase Orders shall be made in accordance with the terms set forth in Appendix B, *Purchase Orders*. Authorized Users may submit orders over the phone, and, if available, may submit orders electronically via web-based ordering, e-mail, or facsimile at any time. Orders submitted shall be deemed received by Contractor on the date submitted.

All orders shall reference Contract number, requisition, and/or Purchase Order number (if applicable). Upon Contractor's receipt of an order, confirmation is to be provided to the Authorized User electronically or via facsimile. Order confirmation should be sufficiently detailed, and include, at a minimum, purchase price, date of order, delivery information (if applicable), Authorized User name, and sales representative (if applicable).

6.8 Minimum Order

There is no minimum order for this IFB.

6.9 Invoicing and Payment

Invoicing shall be made in accordance with the terms set forth in Appendix B, *Contract Invoicing*.

The Contractor is required to provide the Authorized User with one invoice for each Purchase Order at the time of delivery. The invoice must include detailed line item information to allow Authorized Users to verify that pricing at point of receipt matches the Contract price on the original date of order. At a minimum, the following fields must be included on each invoice:

- Contractor Name
- Contractor Billing Address
- Contractor Federal ID Number
- NYS Vendor ID Number
- Account Number
- NYS Contract Number
- Name of Authorized User indicated on the Purchase Order
- NYS Agency Unit ID
- Authorized User's Purchase Order Number
- Order Date
- Invoice Date
- Invoice Number
- Invoice Amount
- Product Descriptions
- Unit Price
- Quantity
- Unit of Measure
- Dates of Service (if applicable)

Cost centers or branch offices within an Authorized User may require separate invoicing as specified by each Authorized User. The Contractor's billing system shall be flexible enough to meet the needs of varying ordering systems in use by different Authorized Users. Visit the following link for further guidance for vendors on invoicing:

<https://bsc.ogs.ny.gov/content/vendor-information>.

6.10 Product Delivery

Delivery shall be made in accordance with instructions on Purchase Order from the Authorized User. If there is a discrepancy between the purchase order and what is listed on the contract, it is the Contractor's obligation to seek clarification from the Authorized User and, if applicable, from the Office of General Services, Procurement Services.

6.10.1 Delivery Ticket

A delivery ticket shall be provided with each load of bituminous material and filler for joints stating the following:

- a. Storage facility identification
- b. Ticket Number
- c. Date/time
- d. Item Number and Type
- e. Quantity ticket printed by machine
- f. Quantity in 60° F gallons for emulsions and PG binder

6.10.2 Quantity Received

It is the responsibility of the Authorized User to ascertain quantities shipped are accurate to the delivery ticket. Each vehicle should be checked for product upon arrival and prior to departure.

6.11 Contract Administration

The Bidder shall provide a sufficient number of Customer Service employees who are knowledgeable and responsive to Authorized User needs and who can effectively service the Contract. Bidder shall also provide an Emergency Contact in the event of an emergency occurring after business hours or on weekend/holidays.

Bidder shall provide a dedicated Contract Administrator to support the updating and management of the Contract on a timely basis. Information regarding the Customer Service, Emergency Contact, and Contract Administrator shall be set forth in Attachment 05 – *Bidder Information Questionnaire*. Contractor must notify OGS within five Business Days if its Contract Administrator, Emergency Contact, or Customer Service employees change, and provide an interim contact person until the position is filled. Changes shall be submitted electronically via e-mail to the OGS Contract Management Specialist.

6.12 NYS Financial System (SFS)

New York State is currently operating on an Enterprise Resource Planning (ERP) system, Oracle PeopleSoft software, referred to as the Statewide Financial System (SFS). SFS is currently on PeopleSoft Financials version 9.2. SFS supports requisition-to-payment processing and financial management functions.

The State is also implementing an eProcurement application that supports the requisitioning process for State Agencies to procure Products in SFS. This application provides catalog capabilities. Contractors with Centralized Contracts have the ability to provide a "hosted" or "punch-out" catalog that integrates with SFS and is available to Authorized Users via a centralized eMarketplace website. Additional information may be found at: <https://nyspro.ogs.ny.gov/content/nys-emarketplace-1>.

There are no fees required for a Contractor's participation in the catalog site development or management. Upon completion and activation of an on-line catalog, State Agencies will process their orders through the SFS functionality and other Authorized Users can access the catalog site to fulfill orders directly.

The State is also implementing the PeopleSoft Inventory module in the near future to track inventory items within the item master table. Further information regarding business processes, interfaces, and file layouts may be found at: www.sfs.ny.gov and <http://www.osc.state.ny.us/agencies/guide/MyWebHelp/>.

6.13 Insurance

The Contractor shall maintain in force at all times during the terms of the Contract, policies of insurance pursuant to the requirements outlined in Attachment 04 – *Insurance Requirements*.

6.14 Report of Contract Usage

Contractor shall submit Attachment 11 – *Report of Contract Usage* including total sales to Authorized Users of this Contract by Contractor, and all authorized resellers, dealers and distributors, if any, thirty (30) days after the end of the contract.

Contractors shall specify if any authorized resellers, dealers or distributors are NYS Certified Minority- and/or Women-Owned Business Enterprises (MWBES), small business enterprises (SBEs), or Service-Disabled Veteran-Owned Businesses (SDVOBs).

The report is to be submitted electronically via e-mail in Microsoft Excel to OGS Procurement Services, to the attention of the individual listed on the front page of the Contract Award Notification and shall reference the Contract Group Number, Award Number, Contract Number, Sales Period, and Contractor's name.

The report in Attachment 10 – *Report of Contract Usage* contains the minimum information required. Additional related sales information, such as detailed user purchases may be required by OGS and must be supplied upon request. Failure to submit reports on a timely basis may result in Contract cancellation and designation of Contractor as non-responsible.

6.15 Contractor Requirements and Procedures for Participation by New York State Certified Minority- and Women-Owned Business Enterprises and Equal Employment Opportunities for Minority Group Members and Women

I. New York State Law

Pursuant to New York State Executive Law Article 15-A and Parts 140-145 of Title 5 of the New York Codes, Rules and Regulations (“NYCRR”), the New York State Office of General Services (“OGS”) is required to promote opportunities for the maximum feasible participation of New York State-certified Minority- and Women-Owned Business Enterprises (“MWBES”) and the employment of minority group members and women in the performance of OGS contracts.

II. General Provisions

- A. OGS is required to implement the provisions of New York State Executive Law Article 15-A and 5 NYCRR Parts 140-145 (“MWBE Regulations”) for all State contracts as defined therein, with a value (1) in excess of \$25,000 for labor, services, equipment, materials, or any combination of the foregoing or (2) in excess of \$100,000 for real property renovations and construction.
- B. The Contractor agrees, in addition to any other nondiscrimination provision of the Contract and at no additional cost to OGS, to fully comply and cooperate with OGS in the implementation of New York State Executive Law Article 15-A and the regulations promulgated thereunder. These requirements include equal employment opportunities for minority group members and women (“EEO”) and contracting opportunities for MWBEs. Contractor’s demonstration of “good faith efforts” pursuant to 5 NYCRR § 142.8 shall be a part of these requirements. These provisions shall be deemed supplementary to, and not in lieu of, the nondiscrimination provisions required by New York State Executive Law Article 15 (the “Human Rights Law”) or other applicable federal, State, or local laws.
- C. Failure to comply with all of the requirements herein may result in a finding of non-responsiveness, a finding of non-responsibility, breach of contract, withholding of funds, suspension or termination of the Contract, and/or such other actions or enforcement proceedings as allowed by the Contract and applicable law.

III. Equal Employment Opportunity (EEO)

- A. The provisions of Article 15-A of the Executive Law and the rules and regulations promulgated thereunder pertaining to equal employment opportunities for minority group members and women shall apply to all Contractors, and any subcontractors, awarded a subcontract over \$25,000 for labor, services, including legal, financial and other professional services, travel, supplies, equipment, materials, or any combination of the foregoing, to be performed for, or rendered or furnished to, the contracting State agency (the “Work”) except where the Work is for the beneficial use of the Contractor.
 1. Contractor and subcontractors shall undertake or continue existing EEO programs to ensure that minority group members and women are afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability, or marital status. For these purposes, EEO shall apply in the areas of recruitment, employment, job assignment, promotion, upgrading, demotion, transfer, layoff or termination, and rates of pay or other forms of compensation. This requirement does not apply to: (i) the performance of work or the provision of services or any other activity that is unrelated, separate, or distinct from the Contract; or (ii) employment outside New York State.

2. By entering into this Contract, Contractor certifies that the text set forth in clause 12 of Appendix A, attached hereto and made a part hereof, is Contractor's equal employment opportunity policy. In addition, Contractor agrees to comply with the Non-Discrimination Requirements set forth in clause 5 of Appendix A.
- B. Form EEO 100 – Staffing Plan
- To ensure compliance with this section, the Contractor agrees to submit, or has submitted with the Bid, a staffing plan on Form EEO 100 to OGS to document the composition of the proposed workforce to be utilized in the performance of the Contract by the specified categories listed, including ethnic background, gender, and federal occupational categories.
- C. Form EEO - 101 - Workforce Utilization Reporting Form (Commodities and Services) ("Form EEO-101-Commodities and Services").
1. The Contractor shall submit, and shall require each of its subcontractors to submit, a Form EEO-101-Commodities and Services to OGS to report the actual workforce utilized in the performance of the Contract by the specified categories listed including ethnic background, gender, and Federal occupational categories. The Form EEO-101-Commodities and Services must be submitted electronically to OGS at: EEO_CentCon@ogs.ny.gov on a quarterly basis during the term of the Contract by the 10th day of April, July, October, and January.
 2. Separate forms shall be completed by Contractor and all subcontractors.
 3. In limited instances, the Contractor or subcontractor may not be able to separate out the workforce utilized in the performance of the Contract from its total workforce. When a separation can be made, the Contractor or subcontractor shall submit the Form EEO-101-Commodities and Services and indicate that the information provided relates to the actual workforce utilized on the Contract. When the workforce to be utilized on the Contract cannot be separated out from the Contractor's or subcontractor's total workforce, the Contractor or subcontractor shall submit the Form EEO-101-Commodities and Services and indicate that the information provided is the Contractor's or subcontractor's total workforce during the subject time frame, not limited to work specifically performed under the Contract.
- D. Contractor shall comply with the provisions of the Human Rights Law and all other State and federal statutory and constitutional non-discrimination provisions. Contractor and subcontractors shall not discriminate against any employee or applicant for employment because of race, creed (religion), color, sex, national origin, sexual orientation, military status, age, disability, predisposing genetic characteristic, marital status, or domestic violence victim status, and shall also follow the requirements of the Human Rights Law with regard to non-discrimination on the basis of prior criminal and conviction and prior arrest.

IV. Contract Goals

- A. For purposes of this procurement, OGS conducted a comprehensive search and determined that the Contract does not offer sufficient opportunities to set goals for participation by MWBEs as subcontractors, service providers, or suppliers to Contractor. Contractor is, however, encouraged to make every good faith effort to promote and assist the participation of MWBEs on this Contract for the provision of services and materials. The directory of New York State Certified MWBEs can be viewed at: <https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp?TN=ny&XID=2528>. Additionally, following Contract execution, Contractor is encouraged to contact the Division of Minority and Women's Business Development ((518) 292-5250; (212) 803-2414; or (716) 846-8200) to discuss additional methods of maximizing participation by MWBEs on the Contract.
- B. Good Faith Efforts
- Pursuant to 5 NYCRR § 142.8, evidence of good faith efforts shall include, but not be limited to, the following:
1. A list of the general circulation, trade, and MWBE-oriented publications and dates of publications in which the Contractor solicited the participation of certified MWBEs as subcontractors/suppliers, copies of such solicitations, and any responses thereto.

2. A list of the certified MWBEs appearing in the Empire State Development (“ESD”) MWBE directory that were solicited for this Contract. Provide proof of dates or copies of the solicitations and copies of the responses made by the certified MWBEs. Describe specific reasons that responding certified MWBEs were not selected.
3. Descriptions of the Contract documents/plans/specifications made available to certified MWBEs by the Contractor when soliciting their participation and steps taken to structure the scope of work for the purpose of subcontracting with, or obtaining supplies from, certified MWBEs.
4. A description of the negotiations between the Contractor and certified MWBEs for the purposes of complying with the MWBE goals of this Contract.
5. Dates of any pre-bid, pre-award, or other meetings attended by Contractor, if any, scheduled by OGS with certified MWBEs whom OGS determined were capable of fulfilling the MWBE goals set in the Contract.
6. Other information deemed relevant to the request.

V. Fraud

Any suspicion of fraud, waste, or abuse involving the contracting or certification of MWBEs shall be immediately reported to ESD’s Division of Minority and Women’s Business Development at (855) 373-4692.

ALL FORMS ARE AVAILABLE AT: <http://www.ogs.ny.gov/MWBE/Forms.asp>

6.16 Participation Opportunities For New York State Certified Service-Disabled Veteran-Owned Businesses

Article 17-B of the New York State Executive Law provides for more meaningful participation in public procurement by certified Service-Disabled Veteran-Owned Businesses (“SDVOBs”), thereby further integrating such businesses into New York State’s economy. OGS recognizes the need to promote the employment of service-disabled veterans and to ensure that certified service-disabled veteran-owned businesses have opportunities for maximum feasible participation in the performance of OGS contracts.

In recognition of the service and sacrifices made by service-disabled veterans and in recognition of their economic activity in doing business in New York State, Bidders/Contractors are strongly encouraged and expected to consider SDVOBs in the fulfillment of the requirements of the Contract. Such participation may be as subcontractors or suppliers, as protégés, or in other partnering or supporting roles.

For purposes of this procurement, OGS conducted a comprehensive search and determined that the Contract does not offer sufficient opportunities to set specific goals for participation by SDVOBs as subcontractors, service providers, and suppliers to Contractor. Nevertheless, Bidder/Contractor is encouraged to make good faith efforts to promote and assist in the participation of SDVOBs on the Contract for the provision of services and materials. The directory of New York State Certified SDVOBs can be viewed at: http://ogs.ny.gov/Core/docs/CertifiedNYS_SDVOB.pdf.

Bidder/Contractor is encouraged to contact the Division of Service-Disabled Veteran’s Business Development at 518-474-2015 to discuss methods of maximizing participation by SDVOBs on the Contract.

6.17 Use of Recycled or Remanufactured Materials

New York State supports and encourages Contractors to use recycled, remanufactured or recovered materials in the manufacture of Products and packaging to the maximum extent practicable without jeopardizing the performance or intended end use of the Product or packaging unless such use is precluded due to health or safety requirements or Product specifications contained herein. Refurbished or remanufactured components or Products are required to be restored to original performance and regulatory standards and functions and are required to meet all other requirements of this Solicitation. Warranties on refurbished or remanufactured components or Products must be identical to the manufacturer’s new equipment warranty or industry’s normal warranty when remanufacturer does not offer new equipment. See Appendix B, *Remanufactured, Recycled, Recyclable or Recovered Materials*.

6.18 Bulk Delivery and Alternate Packaging

New York State encourages the use of innovative packaging that reduces the weight of packaging and the generation of packaging waste. A Contractor is encouraged to use reusable materials and containers and to utilize packaging configurations that take advantage of storage containers designed to be part of the Product for the shipment of multi-unit purchases. New York State recognizes that these packaging methods are in the development stage and may not be currently available. Authorized Users are urged to inquire about these programs at the time of purchase and determine the best solution for their needs.

6.19 Surplus/Take-Back/Recycling

- I. A State Agency is reminded of its obligation to comply with the NY State Finance Law § 167, Transfer and Disposal of Personal Property, and § 168, The Management of Surplus Computer Equipment, regarding transfer and disposal of surplus personal property before utilizing take-back, recycling, or other options for disposition of equipment that is still in operable condition.
- II. If Contractor offers a take-back/recycling program, then Contractor shall provide a record of disposition to each Authorized User who participates in the take-back/recycling program for units transferred for disposition. Contractor shall provide documentation that the units were disposed of in an environmentally sound manner in compliance with applicable local, state and federal laws. See Section III below for specific requirements governing electronic equipment recycling.
- III. The NYS Department of Environmental Conservation (“DEC”) Electronic Equipment Recycling and Reuse Act (“Act”) (Environmental Conservation Law, Article 27, Title 26, Electronic Equipment Recycling and Reuse), requires manufacturers to establish a convenient system for the collection, handling, and recycling or reuse of electronic waste. If Contractor is a manufacturer of electronic equipment covered by the Act, Contractor agrees to comply with the requirements of the Act. More information regarding the Act can be found on the DEC website at: <http://www.dec.ny.gov/chemical/65583.html>
- IV. If a Contractor offers a take-back/recycling program or offers an electronic equipment recycling program pursuant to the Act, and an Authorized User participates in same, then the Authorized User shall ensure the destruction of all data from any hard drives surrendered with the machines/covered electronic equipment. Contractor shall not require an Authorized User to surrender the hard drive, as an Authorized User may wish to retain the hard drive for security purposes. Contractor shall advise the Authorized User in advance if the retention of the hard drive results in additional fees or reduction in trade-in value. It is recommended that an Authorized User use a procedure for ensuring the destruction of confidential data stored on hard drives or other storage media that meets or exceeds the National Institute of Standards and Technology (“NIST”) Guidelines for Media Sanitation as found in NIST Special Publication 800-88.

6.20 Environmental Attributes and NYS Executive Order Number 4

New York State is committed to environmental sustainability and endeavors to procure Products with reduced environmental impact. One example of this commitment may be found in Executive Order No. 4 (Establishing a State Green Procurement and Agency Sustainability Program), which imposes certain requirements on State Agencies, authorities, and public benefit corporations when procuring Products. More information on Executive Order No. 4, including specifications for offerings covered by this Contract, may be found at: <http://ogs.ny.gov/EO/4/Default.asp>. State entities subject to Executive Order No. 4 are advised to become familiar with the specifications that have been developed in accordance with the Order, and to incorporate them, as applicable, when making purchases under this Contract.

6.21 Consumer Products Containing Mercury

Contractor agrees that it will not sell or distribute fever thermometers containing mercury or any Products containing elemental mercury for any purpose under the Contract.

6.22 NYS Vendor Responsibility

OGS conducts a review of prospective Contractors (“Bidders”) to provide reasonable assurances that the Bidder is responsive and responsible. A For-Profit Business Entity Questionnaire (hereinafter “Questionnaire”) is used for non-construction Contracts and is designed to provide information to assess a Bidder’s responsibility to conduct business in New York based upon financial and organizational capacity, legal authority, business integrity, and past performance history. By submitting a Bid, Bidder agrees to fully and accurately complete the Questionnaire. The Bidder acknowledges that the State’s execution of the Contract will be contingent upon the State’s determination that the Bidder is responsible, and that the State will be relying upon the Bidder’s responses to the Questionnaire, in addition to all other information the State may obtain from other sources, when making its responsibility determination.

OGS recommends that each Bidder file the required Questionnaire online via the New York State VendRep System. To enroll in and use the VendRep System, please refer to the following link at the Office of the State Comptroller (OSC) website: http://osc.state.ny.us/vendrep/info_vrsystem.htm.

Vendors must provide their New York State Vendor Identification Number when enrolling. For information on how to request assignment of a Vendor ID, see the *NYS Vendor File Registration* section. OSC provides direct support for the VendRep System through user assistance, documents, online help, and a help desk. The OSC Help Desk contact information is located at <http://www.osc.state.ny.us/portal/contactbuss.htm>. Bidders opting to complete and submit the paper questionnaire can access this form and associated definitions via the OSC website at: http://www.osc.state.ny.us/vendrep/forms_vendor.htm.

In order to assist the State in determining the responsibility of the Bidder prior to Contract award, the Bidder must complete and certify (or recertify) the Questionnaire no more than six (6) months prior to the Bid due date. A Bidder’s Questionnaire cannot be viewed by OGS until the Bidder has certified the Questionnaire. It is recommended that all Bidders become familiar with all of the requirements of the Questionnaire in advance of the Bid opening to provide sufficient time to complete the Questionnaire.

The Bidder agrees that if it is awarded a Contract the following shall apply:

The Contractor shall at all times during the Contract term remain responsible. The Contractor agrees, if requested by the Commissioner of OGS, to present evidence of its continuing legal authority to do business in New York State, integrity, experience, ability, prior performance, and organizational and financial capacity.

The Commissioner of OGS, in his or her sole discretion, reserves the right to suspend any or all activities under this Contract, at any time, when he or she discovers information that calls into question the responsibility of the Contractor. In the event of such suspension, the Contractor will be given written notice outlining the particulars of such suspension. Upon issuance of such notice, the Contractor must comply with the terms of the suspension order. Contract activity may resume at such time as the Commissioner of OGS issues a written notice authorizing a resumption of performance under the Contract.

The Contractor agrees that if it is found by the State that Contractor’s responses to the Questionnaire were intentionally false or intentionally incomplete, on such finding, the Commissioner may terminate the Contract.

Upon written notice to the Contractor, and a reasonable opportunity to be heard with appropriate OGS officials or staff, the Contract may be terminated by the Commissioner of OGS at the Contractor’s expense where the Contractor is determined by the Commissioner of OGS to be non-responsible. In such event, the Commissioner of OGS may complete the contractual requirements in any manner he or she may deem advisable and pursue available legal or equitable remedies for breach.

In no case shall such termination of the Contract by the State be deemed a breach thereof, nor shall the State be liable for any damages for lost profits or otherwise, which may be sustained by the Contractor as a result of such termination.

6.23 NYS Tax Law Section 5-a

Tax Law § 5-a requires certain Contractors awarded State Contracts for commodities, services and technology valued at more than \$100,000 to certify to NYS Department of Taxation and Finance (DTF) that they are registered to collect New York State and local sales and compensating use taxes. The law applies to Contracts where the total amount of such Contractors' sales delivered into New York State is in excess of \$300,000 for the four quarterly periods immediately preceding the quarterly period in which the certification is made, and with respect to any affiliates and Subcontractors whose sales delivered into New York State exceeded \$300,000 for the four quarterly periods immediately preceding the quarterly period in which the certification is made.

A Contractor is required to file the completed and notarized Form ST-220-CA with the Bid to OGS certifying that the Contractor filed the ST-220-TD with DTF. Only the Form ST-220-CA is required to be filed with OGS. Both documents, the ST-220-CA and the ST-220-TD can be found at https://www.tax.ny.gov/forms/form_number_order_st_y.htm. Contractor should complete and return the certification forms within five (5) business days of request (if the forms are not completed and returned with Bid submission). Failure to make either of these filings may render a Contractor non-responsive and non-responsible. Contractor shall take the necessary steps to provide properly certified forms within a timely manner to ensure compliance with the law. The ST-220-TD only needs to be filed once with DTF, unless the information changes for the Contractor, its affiliates, or its Subcontractors.

Vendors may call DTF at 518-485-2889 with questions or visit the DTF web site at <http://www.tax.ny.gov/> for additional information.

6.24 Contract Advertising

In addition to the requirements set forth in Appendix B, *Advertising Results*, any Contractor press or media releases, advertisements, or promotional literature, regardless of the medium, referring to an awarded Contract must be reviewed and approved by OGS prior to issuance. Contractor also cannot use, for any purpose, the New York State of Opportunity registered trademark or the State coat of arms without prior approval from the State.

6.25 New Accounts

Contractor may ask State Agencies and other Authorized Users to provide information in order to facilitate the opening of a customer account, including documentation of eligibility to use New York State Contracts, agency code, name, address, and contact person. State Agencies shall not be required to provide credit references.

6.26 Contract Modifications

- A. OGS, NYSDOT, or the Contractor may suggest modifications to the Contract or its Appendices. Except as specifically provided herein, modifications to the terms and conditions set forth herein may only be made with mutual written agreement of the parties. Modifications may take the form of an update or an amendment. "Updates" are changes that do not require a change to the established Contract terms and conditions. A request to add new Products at the same or better price level is an example of an update. "Amendments" are any changes that are not specifically covered by the terms and conditions of the Contract, but inclusion is found to be in the best interest of the State. A request to change a contractual term and condition is an example of an amendment.
- B. Updates to the Contract and the Appendices may be made in accordance with the contractual terms and conditions to incorporate new Products, make price level revisions, delete Products, or to make such other updates to the established Contract terms and conditions, not resulting in a change to such terms and conditions, which are deemed to be in the best interest of the State.
- C. OGS reserves the right to consider modifications which are not specifically covered by the terms of the Contract, but are judged to be in the best interest of the State. Such modifications are deemed amendments to the Contract and may require negotiations between Contractor, NYSDOT, OGS and OSC before execution.
- D. All modifications proposed by Contractor shall be processed in accordance with Appendix C, Contract Modification Procedure. The Contractor shall submit all requests in the form and format contained in Appendix C, Contract Modification Procedure. The form contained within Appendix C is subject to change at the sole discretion of OGS.
- E. Modifications proposed by OGS or NYSDOT, including updates and amendments, shall be processed in accordance with the terms of the Contract and Appendix B, *Modification of Contract Terms*. Contract Amendments may require approval by the Office of State Comptroller as required by law.

6.27 Drug and Alcohol Use Prohibited

For reasons of safety and public policy, in any Contract resulting from this Solicitation, the use of alcoholic beverages or illegal drugs by the Contractor's personnel shall not be permitted in performance of the Contract.

6.28 Traffic Infractions

Neither the State nor Authorized Users will be liable for any expense incurred by the Contractor's personnel for any parking fees or as a consequence of any traffic infraction or parking violation attributable to employees of the Contractor in performance of the Contract.

6.29 NYSDOT Chapter 12 Appendices – “Package A”

Package A consisting of Appendices Nos. 12-1, 12-1.1, 12-1.2, 12-1.3, 12-1.4 and 12-1.5 setting forth certain federally required contract provisions dated May 2012, attached hereto, is hereby expressly made a part of this Bid Document as fully as if set forth at length herein. **Please retain this document for future reference.**

6.30 Poor Performance

Authorized Users should notify Procurement Services' Customer Services promptly if the Contractor fails to meet the requirements of this Contract or if Contract performance is otherwise unsatisfactory to the Authorized User:

Office of General Services
Procurement Services
38th Floor Corning Tower
Empire State Plaza
Albany, NY 12242

Customer Services E-mail: customer.services@ogs.ny.gov
Telephone: (518) 474-6717 / Fax: (518) 474-2437

SECTION 7: CHIP SEAL – SPECIFIC PROJECTS

7.1 Introduction

Conventional chip seal is a pavement preventive maintenance treatment which consists of single-sized stone embedded in a liquid bituminous material. The liquid bituminous material seals cracks in the existing pavement and the stone provides a high-friction wearing surface.

7.2 Method of Award

There is to be one award for each project. Bidders may bid on one or more projects.

Award shall be by GRAND TOTAL for project to the lowest responsive and responsible bidder.

The State reserves the right to reject an obviously unbalanced bid or to make "NO AWARD" on individual projects if individual bid prices are deemed to be unbalanced or excessive or if an error in the solicitation becomes evident. The determination of an unbalanced bid shall be at the sole discretion of the State. Options contained in this paragraph shall also be at the State's sole discretion.

7.3 Pricing Information

7.3.1 General

Clause 13(b) of Appendix B has been modified to read:

Price quoted for chip seal shall be net per square yard furnished, hauled, delivered, and applied with contractor's equipment totally by the contractor at the locations indicated herein including the cost of labor, surface preparation, and materials, except liquid bituminous materials and cover sand. Liquid bituminous materials used for chip seal and fog seal, and the cover sand will be paid for under separate items. Price quoted per square yard of chip seal shall also include mobilization to the project site, the provision of Work Zone Traffic Control as indicated elsewhere in this Invitation for Bids, and Maintenance Materials Bond as listed in the BONDING REQUIREMENTS section in this Invitation for Bids. The price quoted per gallon of liquid bituminous materials for chip seal and fog seal shall include heating, hauling, and applying the liquid bituminous materials at the project locations indicated herein. The price quoted per square yard of cover sand shall include hauling and applying the necessary cover sand at the project locations indicated herein.

7.3.2 Insurance

Price bid shall include all required insurance coverage costs. In particular, price shall include:

- Commercial General Liability Insurance with a limit of not less than \$2,000,000 each occurrence;
- Comprehensive Business Automobile Liability Insurance with a limit of not less than \$2,000,000 each accident;
- Owners and Contractors Protective Insurance Coverage (OCP) with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

Each requirement should be reviewed carefully. (Please see the Attachment 04 – Insurance Requirements for detailed insurance requirements.)

Owners and Contractors Protective Insurance Coverage (OCP)

The contractor must supply the OCP Insurance to the Resident Engineer at the Pre-Paving Conference.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.4 Asphalt Price Adjustments

7.4.1 General

- a. Asphalt price adjustments allowed will be based on the October 2016 average of the F.O.B. terminal price per ton of unmodified PG 64S-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specifications.

The October 2016 average is \$386.000 per ton

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation pre-approved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal price shall not be recalculated.

- b. The new average F.O.B. terminal price will be determined based on the above F.O.B. terminal prices posted on the 20th of each month, hereafter known as the “Adjustment Date”, during the contract period. However, asphalt price adjustments, in accordance with the formula below, will be effective for deliveries made on and after the first of the month following the adjustment date.
- c. The unit prices of liquid bituminous materials purchased from any award based on this specification will be subject to adjustment based on the following formula:

$$\boxed{\begin{array}{c} \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \end{array}} = \boxed{\frac{\begin{array}{c} \text{New Monthly Average} \\ \text{FOB Terminal Price} \end{array} - \begin{array}{c} \text{Base Average} \\ \text{Terminal Price} \end{array}}{235}} \times \boxed{\begin{array}{c} \text{Total} \\ \text{Allowable} \\ \text{Petroleum \%} \end{array}}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.
Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

New Monthly Average F.O.B. Terminal Price

The average F.O.B. terminal price for unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

Base Average F.O.B. Terminal Price

The average F.O.B. terminal price of unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation as of October 2016.

Total Allowable Petroleum

The percentage of total allowable petroleum for each item is as follows:

Material Designation	Grade	Asphalt %	Petroleum Allowance %	Total Allowable Petroleum %
702-3101P	RS-2	63	2.7	65.7
702-3102P	HFRS-2	63	2.7	65.7
702-3301P	HFMS-2	65	8.2	73.2
702-4101P	CRS-2	65	2.7	67.7
702-XXXXT	Diluted Tack Coat	40	0.2	40.2

Asphalt Price Adjustments will not be allowed for materials which do not have an asphalt cement base.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

- d. Work performed after the expiration of the contract, where no extension has been granted, resultant from purchase orders placed prior to expiration of the contract will receive the Asphalt Price Adjustments applicable in effect during the last month of the contract.
 Asphalt Price Adjustments for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.
- e. Asphalt price adjustments allowed by this contract shall be calculated and applied to the original prices. There will not be asphalt price adjustments unless the change amounts to more than \$0.100 per ton/\$0.010 per gallon as applicable from the original price. In these instances, prices will revert back to the original prices.
- f. All Asphalt Price Adjustments will be computed to three decimal places.
- g. Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the Contractor to terminate any contract resulting from this bid opening.
- h. All asphalt price adjustments shall be published by the State and issued to all contract holders whose responsibility will be to attach the appropriate State notification (based on when the work was performed) to the payment invoice submitted to agency

7.4.2 Asphalt Price Adjustment: Example

Material Designation 702-3301P, HFMS-2
 Base Avg. Price per Ton = \$386.000
 New Avg. Price per Ton = \$396.000
 Total % Asphalt Plus Petroleum Allowance = 73.2%

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \frac{(396.000 - 386.000)}{235} \times \begin{array}{|c|} \hline 0.732 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \begin{array}{|c|} \hline +\$0.031 \text{ per gallon} \\ \hline \end{array}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.
 Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

7.5 Payment

Payment for Chip seal shall be made at contract price bid for the actual number of completed square yards of chip seal, actual numbers of gallons of bituminous materials for chip seal, actual numbers of gallons of bituminous materials for fog seal, actual number of square yards of cover sand used in the accepted portions of the work. The determination as to quantities involved in any contract shall be accepted as final and binding upon the contractor.

Payment of work zone traffic control and abrading the existing pavement markings shall be included in the payment for number of square yards of completed chip seal.

A delivery slip stating quantities of liquid bituminous materials (modified or unmodified emulsions) shall accompany each shipment. An invoice listing the quantities of surface treatment shall be sent promptly by the contractor to the resident engineer.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.6 Pre-Chip Seal Conference

The contractor shall schedule a Pre-Chip Seal Conference with the affected Resident Engineer at least two weeks prior to the start of the work under this contract. Project level supervisors from contractor and from the state shall be present at this conference. At this conference contractor shall present their chip seal schedule, mix design, number and types of equipment, chip seal procedure, and Work Zone Traffic Control Plan to the state for approval. The mix design for the chip seal must show the quantity in gallons per square yard of fog seal, the quantity in pounds per square yard of cover sand, the quantity in gallons and the type of liquid bituminous material per square yard, the quantity in pounds per square yard of aggregate, percent of polymer used to modify the asphalt emulsion, quantity in pounds per square yards of fiber (if applicable), and the design curing time. All the component materials used in the mix design shall be representative of the material proposed by the contractors to be used on the project. Adjustment may be required during the construction based on field conditions and with the approval of the state.

The contractor shall also furnish the state the copies of the calibrations of the liquid bituminous materials distributor and the aggregate spreader at the same time. The contractor shall indicate the aggregate sources at this conference. At least one week prior to the start of work under this contract, the contractor shall coordinate the details of the chip seal with the state's representative.

7.7 Bonding Requirements – Chip Seal

A Maintenance Bond is required for chip seal projects in this IFB. Please see sample in Attachment 09 – Detailed Specifications – Liquid Bituminous Materials.

Maintenance bond is to be provided to the attention of the Regional Director of Operations, or their Regional designee as determined at the Pre-Chip Seal conference, for the corresponding Region. Each bond shall be specific to each Project Number, not contract, so that they may be released upon the completion of the terms in the contract for each corresponding Project/site.

7.8 Supervision

The Department of Transportation shall provide supervision for the chip seal operation, and pavement marking abrading if applicable. The Resident Engineer shall designate a Project Supervisor who shall be in responsible charge of the operation. All orders pertaining to Work Zone Traffic Control plan from the Project Supervisor to the contractor shall be binding on the contractor. The following portions of Section 105 - CONTROL OF WORK of the Standard Specifications shall apply to these projects: 105-01 STOPPING WORK, 105-08 COOPERATION BY THE CONTRACTOR, 105-15 CONTRACTOR'S RESPONSIBILITY FOR WORK.

7.9 Construction Details

The construction details shall comply with the requirements specified herein, including those appearing in the enclosed Attachment 09 - Detailed Specifications – Liquid Bituminous Materials. The project supervisor from the State shall have sole responsibility for determining compliance with the specifications. All orders given to the contractor regarding construction details shall be considered final.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.10 Work Hours

Work shall not be permitted on Sundays and NYS Holidays. If a Contractor desires to work overtime on other days, they must obtain dispensation from NYS Department of Labor using NYS Department of Labor Form PW-30 (5/93).

7.10.1 Special Note - Overtime Dispensation Requests

All Overtime Dispensations will be sent to:

Hasib H. Khan

Pavement Program Engineer
Office of Transportation Maintenance, POD 54
NYS Department of Transportation
50 Wolf Road, Albany, NY 12232

Email: Hasibul.Khan@dot.ny.gov
Phone: 518-457-1572
Fax: 518-457-4203

The dispensations will be submitted for the entire contract period for 5-10hr days (with rain day Saturday) to cover all the project numbers awarded to the contractor within the resulting contract. Should a contractor needs additional dispensation beyond the one described above, they shall submit it to the Regional Director of Operations or the Regional designee as determined at the preconstruction meeting, for the Region they wish to submit special additional dispensation for.

7.11 Special Note for Chip Seal

The Contractor will not be responsible for the initial conditioning of the existing pavement and shoulder surfaces as described in Section 402-3.05 of the NYSDOT Standard Specifications. Patching, joint repair, crack filling will be done by NYSDOT forces prior to the chip seal project. However, once work on the project begins, the Contractor is responsible for keeping the pavement and shoulders clean until the paving operations are completed, as per Section 633-3.01 of the NYSDOT Standard Specifications.

7.12 Restoration of Disturbed Areas

During the course of the work the vendor shall take reasonable care not to disturb areas outside the existing pavement. Any areas disturbed by the vendor shall be returned to their original condition at no expense to the State. Any and all debris generated as part of the work shall be removed by the Vendor upon completion of the project.

7.13 Damaged or Deficient Areas

Prior to acceptance and payment by the State for work under this contract, any placed pavement that ravels, delaminates, fails to properly cure, or is in any way defective shall be redone to the satisfaction of the State at the contractor's expense.

7.14 Work Zone Traffic Control

The contractor shall responsible for Work Zone Traffic Control. Traffic shall be controlled in accordance with Manual of Uniform Traffic Control Devices (MUTCD), Section 619-1 through 619-3 of the Standard Specifications as described herein including modifications to the Standard Specifications. The contractor shall submit a Work Zone Traffic Control Plan for approval to the Resident Engineer at the Pre-Work conference. For two-way roadways, Figures TAST-C1R, TAST-C2R, TAST-C3R, TAST-C4R, TAST-C5R, TAST-C7R, TAST-C1UL, TAST-C2UL, TAST-C3UL, TAST-C4U, TAST-C7UL, TAST-C1UH, TAST-C2UH, TAST-C3UH, and TAST-C7UH included in this document may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way roadways, Figures TAST-C5UL, TAST-C6UL, TAST-C8UL, TAST-C5UH, TAST-C6UH, and TAST-C8UH may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way Freeways or Expressways, Figures TAST-E1, TAST-E2, TAST-E3, TAST-E4, TAST-E5, TAST-E6, and TAST-E7 may be used as a basis for development of a Work Zone Traffic Control Plan.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

All necessary flaggers for Work Zone Traffic Control shall be provided by the Contractor. For two-way roadways, a minimum of three flaggers shall be provided while the work operation is underway. One shall be stationed at each end of the applicable operation and one shall be stationed with the operation. For one-way roadways, a minimum of two flaggers shall be provided while work operation is underway. One shall be stationed at the beginning of the applicable operation and one shall be stationed with the operation. The Contractor shall station flaggers such that communication is maintained between the flaggers. Hand signals, radios, pilot vehicles, or some other means of communication may be used subject to the approval of the Resident Engineer.

All costs of Work Zone Traffic Control as prescribed by this specification including flagging, temporary pavement marking and/or delineation, and construction signs, are to be included in the unit price bid. No separate payment shall be made.

7.14.1 Permanent Construction Signs

The Contractor shall provide construction signs as specified in Section 619-1 through 619-3 of the Standard Specifications and in the MUTCD. At minimum the Contractor shall install the following permanent construction signs: (see next page)

Major intersecting roads are defined as through State, County, Town, Village, or City roads. The Contractor may provide Portable signs as shown in Figure 6F-2 of the MUTCD and meeting the requirements of Section 619 of the Standard Specifications for lane closures during work hours. Signs left active at night shall be rigid and reflectorized in accordance with the Standard Specifications.

With prior permission of the State's Resident Engineer, the Vendor may provide portable signs as shown in Figure 6F-2 of the MUTCD for the above referenced DO NOT PASS and NO CENTER LINE signs. The Contractor shall be responsible for assuring that these signs will be in their upright, visible positions twenty-four hours a day, seven days a week while 2' X 4" temporary yellow markings are used instead of full barrier pavement markings

7.14.2 Temporary Pavement Markings

The Contractor shall install and maintain temporary pavement markings on any paved surface without permanent pavement markings before opening it to traffic, before nightfall or before the end of the work day, whichever comes soonest except for areas that are open during the work shift with channelizing devices or flaggers. Temporary pavement markings shall meet the requirements of Section 619 of the Standard Specifications except that two-lane, two-way highways may be left without full barrier centerlines in no passing zones for a maximum of 7 calendar days provided that NO CENTER LINE (W8-12, black on orange), NO PASSING ZONE (W14-3, black on orange pennant shaped sign), and DO NOT PASS (R4-1) signs are used consistent with the MUTCD and in conjunction with yellow 2 foot by 4 inch temporary markings consisting of retroreflective removable pavement marking tape, paint or yellow temporary overlay markers installed on a 40 ft. cycle to delineate the centerline location.

The State is responsible for the final pavement markings unless otherwise indicated in the contract. If the vendor chooses to install NO CENTER LINE and DO NOT PASS signs and temporary yellow 2 foot by 4 inch pavement markings in lieu of full barrier centerline markings, the signs shall be left in place until the state has completed installing the final pavement markings. The state will normally complete final pavement markings within 7 days of the project completion. However, if unavoidable situations delay the pavement marking installation the signs shall remain in place for 14 calendar days after the project has been completed or until the state has completed installing the final pavement markings, whichever comes first. If permanent pavement marking cannot be installed within 14 days of the project completion, state must install interim pavement marking including center lines, edge lines, stop bars, and simple crosswalks with no hatching before the end of 14 days after project completion.

All costs for Work Zone Traffic Control including flagging, temporary pavement markings, delineation, and construction signs are to be included in the prices bid per ton or square yard as applicable.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

SIGN	MINIMUM SIZE	LOCATION
ROAD WORK NEXT ____ MILES	<u>G20-1</u> Conventional 36" x 18" Freeways 48" x 24"	On main line upstream of project in each direction
END ROAD WORK	<u>G20-2</u> Conventional 36" x 18" Freeways 48" x 24"	On main line after end of project in each direction
ROAD WORK AHEAD	<u>W20-1</u> Conventional 36" x 36" Freeways 48" x 48"	On main line in advance of the affected highway segment in each direction and on major intersecting roads 300 -500 feet in advance of main line. Sign should be covered if it conflicts with temporary signing in the vicinity. (Place between the G20-1 and the first warning sign that states condition- i.e. W8-12, W8-9 or W8-15)
DO NOT PASS	<u>R4-1</u> Conventional 24" x 30"	If 2' x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign at or within 100 feet of the beginning of the unmarked area, second within 1,000 feet and subsequent signs, spaced every ½ mile along project in each direction
NO CENTER LINE	<u>W8-12</u> Conventional 36" x 36"	If 2' x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign in advance of the condition and the first "DO NOT PASS" sign: 300' urban is preferred (100' minimum), 500' rural is preferred (200' minimum). Place additional signs spaced every 2 miles on mainline in each direction and after every major intersecting road.
LOW SHOULDER	<u>W8-9</u> Conventional 36" x 36" Freeways 48" x 48"	Place on mainline spaced every 2 miles along project in each direction and after every major intersecting road until shoulder back-up is installed (if conditions warrant use, place between the W8-12 and R4-1, maintaining a minimum of 200' between signs for rural roads and 100' on urban. The W8-12 can be moved upstream to accommodate the required spacing.)
LOOSE GRAVEL	<u>W8-7</u> 36" x 36"	Place on mainline at start of the project and spaced every ½ miles along project in each direction.
30 MPH	<u>W13-1P</u> 18" x 18"	Mounted on W8-7 LOOSE GRAVEL sign

**All signs should maintain an absolute minimum spacing of 200' rural or 100' urban. 500' is preferred on rural and 300' is preferred on urban. Double stacking of any of the above signs, or combination thereof, will NOT be permitted.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.14.3 Abrading Existing Pavement Markings

The Contractor shall remove any epoxy or thermoplastic pavement markings. Other markings shall be removed as ordered by the Resident Engineer. Care shall be taken to avoid damage to passing traffic. All damage to passing traffic caused by the Contractor's operations shall be the Contractor's responsibility. Waste material generated by the abrading operation shall be cleaned up and disposed of by the Vendor.

When the Contractor abrades the existing pavement markings, the Contractor shall place temporary pavement markings as specified elsewhere in this Invitation for Bids under Work Zone Traffic Control, unless the paving material will be placed the same day as pavement markings are abraded. The Contractor shall make every effort to expeditiously place the paving material in areas where pavement markings have been abraded and temporary pavement markings are in place. Under no circumstances will temporary pavement markings be allowed for more than five calendar days in areas where pavement markings have been abraded. In this event, the Contractor shall be required to place full pavement markings at no cost to the state. During the pavement markings abrading operation, traffic will be controlled by the Contractor in accordance with the Work Zone Traffic Control requirements included herein. The Contractor shall submit a proposed Traffic Control Plan to the Resident Engineer for approval. The plan may be based on the Work Zone Traffic Control drawings included in this Invitation for Bids.

Payment for pavement marking abrading shall be included in the price bid per square yard of chip seal. No separate payment shall be made.

7.14.4 **Special Note: Work Zone Intrusion Initiative**

As part of the Department of Transportation's Work Zone Intrusion Initiative, the following countermeasures shall apply to this Invitation for Bids.

Channelizing Device Spacing Reduction

A maximum channelizing device spacing of 40 ft. shall be provided at work sites where workers are exposed to traffic. This spacing shall be maintained a reasonable distance upstream of workers, and shall be used throughout the work zone.

Where tapers are located less than 500 ft. from the work site, the 40-ft. spacing shall be used in the tapers as well.

Drums or vertical panels are preferred for intermediate to long-term stationary work zones, and at any locations where the risk of intrusion is high. Traffic cones are normally adequate for work zones set up and removed on a daily basis.

In long lane or shoulder closures, at least two channelizing devices shall be placed transversely at maximum 800 ft. intervals to discourage traffic from driving through the closed lane. Transversely placed devices are not required where pilot car are in use.

Frequent checks shall be made to reset channelizing devices dislodged by traffic.

Flagger Station Enhanced Setups

Additional cones and a flag tree meeting Section 6F.62 of the MUTCD shall be used upstream of flagger stations to provide added warning to drivers. These devices shall be used for flagger stations except those that are constantly moving or are in use at one location for no more than a few minutes. If the W20-7a Flagger sign is used, the additional cones and flag tree shall also be used.

For additional details on Flagger Station Enhanced Setups, see Work Zone Traffic Control drawings in this Invitation for Bids.

Temporary Rumble Strips

a. Description

This work shall consist of the installation, maintenance and subsequent removal of temporary rumble strips in paving work zones where indicated in the Invitation for Bids or as directed by the Engineer.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

b. Materials

Rumble strips shall be either constructed in place from a raised strip of asphalt concrete or constructed in place with removable pavement marking tape. Raised removable tape rumble strips shall be formed by applying four layers of removable black non-reflectorized removable pavement marking tape. The tape shall be applied to a clean, dry pavement surface in accordance with the manufacturer's recommendations. The pavement surface shall be cleaned with compressed air just prior to application of the tape

Raised asphalt rumble strips shall be formed from hot mix asphalt meeting the requirements of Items 402.058903 or 402.098903. Tack coat meeting the requirements of Materials Designation 702-XXXXT Asphalt Emulsion Diluted Tack Coat shall be used to adhere the rumble strip to the existing pavement. Temporary rumble strips shall be formed using a specially constructed rumble strip paver (drag box) pulled transversely across the pavement, or by hand placement between forms fixed to the pavement. If forms are used, they shall be removed prior to compaction of the asphalt mixture. Compaction shall be accomplished using a plate tamper or a static roller. The roadway surface on which the rumble strips are to be attached shall be dry, free of surface contaminants such as dust or oil, and shall be 45°F or greater unless otherwise authorized by the Engineer. The pavement surface shall be cleaned with compressed air just prior to tack coating and subsequent installation of rumble strips.

Temporary rumble strips shall be placed in a succession of three 6-Strip Patterns according to the attached "Suggested Layout Details - Temporary Rumble Strips". Each strip shall be placed on 10 foot centers and traversing the full width of each travel lane. On curbed roadways, rumble strips shall end a minimum of 3 feet from the curb so as to not interfere with drainage. Rumble strips shall be between 6 inches and 9 inches in width and have a final compacted thickness of 0.4 inches \pm 0.1 inches.

Any raised rumble strips that fail to adhere to the pavement, or become damaged or flattened such that, in the opinion of the Engineer, they are no longer performing their intended function, shall be replaced or repaired by the Contractor to the satisfaction of the Engineer. Any associated damage to the pavement shall also be repaired by the Contractor to the satisfaction of the Engineer. These replacements or repairs shall be made at no additional expense to the Purchasing Agency.

When directed by the Engineer, (e.g., prior to the start of the winter plowing season), or prior to the placement of successive pavement courses, the Contractor shall completely remove the rumble strips from the pavement. Rumble strips shall be removed upon completion of work and concurrently with the removal of other temporary traffic control signs and devices. Any pavement that is damaged in the process of removing the rumble strips shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the Purchasing Agency.

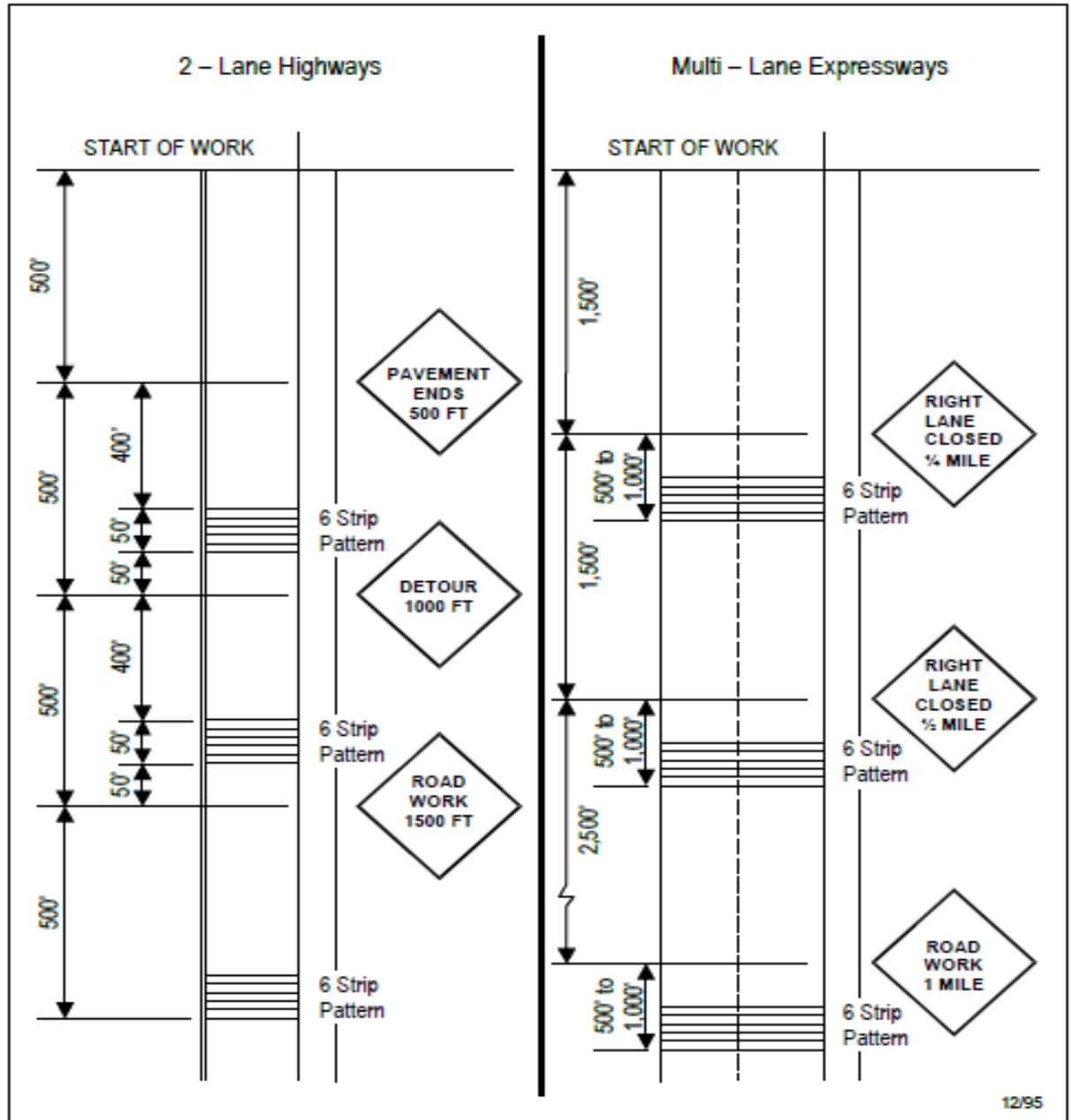
c. Basis of Payment

All costs for the installation, maintenance and removal of temporary rumble strips are included in the price per ton or square yard as appropriate. No separate payment shall be made.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

d. Suggested Layout Details Drawing-- Temporary Rumble Strips

Suggested Layout Details – Temporary Rumble Strips



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SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.15 Special Notes – Chip Seal

7.15.1 Funding Source (Chip Seal)

Project 5V1713, 5V1723, 5V1724, 6V1713B, and 6V1746B will be funded by Federal Aid.

7.15.2 Special Note - Rail Road Involvement in Federal Funded Projects

Bidders are advised that there may be active at-grade railroad crossings within the limits of projects in this Invitation for Bids. The following at-grade railroad crossings have been identified, but there may be others within the limits of these projects that have not been identified:

Project Number	County	Route	Rail Road Name	Location
5V1724	Cattaraugus	Rte. 62	New York Lake Erie	RM 62 5201 1232

At the identified at-grade crossings, and any other active at grade railroad crossings encountered on the projects in this Invitation for Bids, the contractor shall conduct its work and handle the equipment such that no part of any material or equipment shall foul a track, catenary, electrical facility or signal facility. A track is fouled when any object is brought within 7.62 M (25') of the centerline of the track or the nearest point of a rail road's catenary, electrical facility or signal facility.

7.15.3 NYSDOT Region 5 Special Notes (Chip Seal)

Pavement Markings

It shall be the contractor's responsibility to inventory and document the existing pavement marking patterns prior to milling and/or resurfacing and submit to the Engineer a copy of the inventory prior to beginning work. The contractor shall be responsible for completing all layout work necessary for the installation of all final pavement markings. If the original markings are obliterated, the contractor shall contact the resident engineer for guidance on their location.

Any existing pavement markings shall be covered with fog seal prior to application of the Chip Seal. Any fresh patches (same season) shall also be covered with fog seal prior to Chip Seal Application.

Time Restrictions

All Region 5 Projects shall follow the time restrictions outlined in the "Work Zone Traffic Control - for Design/Construction on State Highways in Region 5" available on the NYSDOT website or thru the Regional Transportation Systems Operations group excepting those projects listed on the Region 5 project specific special notes.

7.15.4 NYSDOT Region 6 Special Notes (Chip Seal)

Coordination with other projects:

Prior to the Chip, Fog, and Sand Overlay, Projects 6V1713B and 6V1746B involves cold recycling through separate contract(or(s)). This VPP chip, fog, and sand overlay projects require that the chip, fog, and sand overlay contractor coordinates their work with corresponding cold recycling contractor(s) to allow required curing period before placing the chip, fog, and sand overlay as well as to minimize disruption to the traveling public and the time traffic is running over a recycled surface.

Region 6 Specific Special Notes:

All Region 6 Chip, Fog, and Sand Overlay projects shall be completed no later than August 31, 2017. A schedule reflecting this shall be submitted before start of work to the Region's ARDO, Jacob Roloson, for approval.

The Region requests all Preconstruction paperwork be submitted electronically as .pdf files to Jacob.Roloson@dot.ny.gov prior to the preconstruction meeting, or all documentation be brought to the Preconstruction meeting electronically as .pdf files on a CD or USB "thumb" drive that will not be returned to the contractor.

SECTION 7: CHIP SEAL - SPECIFIC PROJECTS (Cont'd)

7.15.4 NYSDOT Region 6 Special Notes (Chip Seal) (Cont'd)

No work shall be permitted, to minimize travel delays associated with major holidays, during the following periods:

- Friday, May 26, 2017-sunrise, Tuesday, May, 30, 2017.
- Friday, June 30, 2017- sunrise, Wednesday, July 5, 2017.
- Friday, September 1, 2017- sunrise, Tuesday, September 5, 2017.

In lieu of longitudinal cones full project length between open and closed lanes of traffic, the contractor may elect to substitute, when using pilot vehicles, use of cones placed transversely across the closed lane at intervals per section 619-3.02 J.2 (every 800') and at strategic locations, such as intersections and driveways.

Paint is the only option permitted in Region 6 for temporary and interim pavement markings, unless approved on a case by case basis by the Resident Engineer. Offset the centerline temporary/interim pavement markings so that the permanent markings will cover up the temporary/interim markings, as follows: 8" centerline offset for 2 lane roads, 6" centerline offset for multi-lane roadways.

Project 6V1713B and 6V1746B are to receive a treatment of fog seal (410.40) to be applied after the 10 day cure for the Cold in Place Recycle but minimally 12 hours prior to the application of the Chip, Fog, and Sand course at the same rate as the specifications for the Chip, Fog, and Sand for pay item 410.40.

7.16 Detailed Specifications – Chip Seal

Please, see Attachment 09 – Detailed Specifications – Liquid Bituminous Materials

7.16.1 Project Dimensions - Chip Seal

Information on pavement widths for projects in this Invitation for Bids is listed for informational purposes only. The dimensions listed are the best information available, but 100% accuracy is not guaranteed. Bidders should visit the project site to confirm the dimensions given and familiarize themselves with the project particulars before submitting a bid. The Department assumes no responsibility for erroneous information listed herein.

The pavement width listed is the total width of all the travel lanes only.

The shoulder width is for one shoulder only.

Project Number	Travel Lanes Width (feet) (total)	Lane Width (feet) (one lane)	Shoulder Width (feet) (one shoulder)	Number of Lanes
5V1713	22	11	7	2
5V1723	20-24	10-12	6-12	2-3
5V1724	20-22	10-11	7-8	2
6V1713B	20	10	6	2
6V1746B	24	12	4	2

SECTION 8: COLD RECYCLING – SPECIFIC PROJECTS

8.1 Introduction

Cold Recycling of bituminous concrete pavements is a corrective maintenance technique. The existing pavement is milled off for a depth of 3 to 4 inches, a liquid bituminous material is added to the millings, and the resulting mixture is placed and compacted on the milled surface. A new bituminous concrete sealing layer is added later. Existing cracks are eliminated and the resulting pavement should last for many years.

8.2 Method of Award

There is to be one award for each project. Bidders may bid on one or more projects.

Award shall be by GRAND TOTAL for Project to the lowest responsive and responsible bidder.

The State reserves the right to reject an obviously unbalanced bid or to make "NO AWARD" on individual projects if individual bid prices are deemed to be unbalanced or excessive or if an error in the solicitation becomes evident. The determination of an unbalanced bid shall be at the sole discretion of the State. Options contained in this paragraph shall also be at the State's sole discretion.

8.3 Pricing Information

8.3.1 General

Clause 13b of Appendix B, the General Specifications has been modified to include the following:

Price quoted for cold recycling shall be net per square yard completed with contractor's equipment totally by the contractor at the locations indicated herein. The price quoted for cold recycling per square yard shall also include mobilization to the project site and the provision of Work Zone Traffic Control as indicated elsewhere in this Invitation for Bids.

Some projects in this Invitation for Bids include an optional bid item to supply the liquid bituminous material necessary for the cold recycling. **Bidders shall either submit a bid for an emulsion or a PG binder per project, but not both.** The price quoted per gallon for **either** the asphalt emulsion or PG 64S-22 binder (liquid bituminous material) shall include heating, hauling, and applying the liquid bituminous material at the project locations indicated herein. The price quoted per ton for aggregate shall include hauling and applying the necessary aggregate as per the mix design at the project locations indicated herein.

If fog seal is applied, it will be paid under separate item as the total volume of material used for fog seal operations. The price quoted per gallon of fog seal shall include heating, hauling, and applying the liquid bituminous material used for fog sealing operation at the project locations indicated herein.

If Portland cement is used, it will be paid under separate item as the total tons of material used at the location. The price quoted per ton of Portland cement shall include hauling, delivery, and mixing.

8.3.2 Insurance

Price bid shall include all required insurance coverage costs. In particular, price shall include:

- Commercial General Liability Insurance with a limit of not less than \$2,000,000 each occurrence;
- Comprehensive Business Automobile Liability Insurance with a limit of not less than \$2,000,000 each accident;
- Owners and Contractors Protective Insurance Coverage (OCP) with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

Each requirement should be reviewed carefully. (Please see the Attachment 04 – Insurance Requirements for detailed insurance requirements.)

Owners and Contractors Protective Insurance Coverage (OCP)

The contractor must supply the OCP Insurance to the Resident Engineer at the Pre-Paving Conference.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.4 Asphalt Price Adjustments

8.4.1 General

- a. Asphalt price adjustments allowed will be based on the October 2016 average of the F.O.B. terminal price per ton of unmodified PG 64S-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specifications.

The October 2016 average is \$386.000 per ton

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation pre-approved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal **price shall not be recalculated.**

- b. The new average F.O.B. terminal price will be determined based on the above F.O.B. terminal prices posted on the 20th of each month, hereafter known as the “Adjustment Date”, during the contract period. However, asphalt price adjustments, in accordance with the formula below, will be effective for deliveries made on and after the first of the month following the adjustment date.
- c. The unit prices of liquid bituminous materials purchased from any award based on this specification will be subject to adjustment based on the following formula:

Price Adjustment (per gallon)	=	$\frac{\text{New Monthly Average FOB Terminal Price} - \text{Base Average Terminal Price}}{235}$	X	Total Allowable Petroleum %
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Positive Price Adjustment number shall be added to original per gallon Bid Price.
 Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

New Monthly Average F.O.B. Terminal Price

The average F.O.B. terminal price for unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

Base Average F.O.B. Terminal Price

The average F.O.B. terminal price of unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation as of October 2016.

Total Allowable Petroleum

The percentage of total allowable petroleum for each item is as follows:

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

Material Designation	Grade	Asphalt %	Petroleum Allowance %	Total Allowable Petroleum %
702-3201	MS-2	65	8.2	73.2
702-3301	HFMS-2	65	8.2	73.2
702-3401	HFMS-2h	65	2.7	67.7
702-3402	HFMS-2s	65	8.2	73.2
702-3501	SS-1	65	0.2	65.2
702-3601	SS-1h	65	0.2	65.2
702-4201	CMS-2	65	10.2	75.2
702-4301	CMS-2h	65	10.2	75.2
702-4401	CSS-1	65	0.2	65.2
702-4501	CSS-1h	65	0.2	65.2
	PG 64S-22	100	0.2	100.2

Asphalt Price Adjustments will not be allowed for materials which do not have an asphalt cement base.

- d. Work performed after the expiration of the contract, where no extension has been granted, resultant from purchase orders placed prior to expiration of the contract will receive the Asphalt Price Adjustments applicable in effect during the last month of the contract.

Asphalt Price Adjustments for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.

- e. Asphalt price adjustments allowed by this contract shall be calculated and applied to the original prices. There will not be asphalt price adjustments unless the change amounts to more than \$0.100 per ton/\$0.010 per gallon as applicable from the original price. In these instances, prices will revert back to the original prices.
- f. All Asphalt Price Adjustments will be computed to three decimal places.
- g. Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the Contractor to terminate any contract resulting from this bid opening.
- h. All asphalt price adjustments shall be published by the State and issued to all contract holders whose responsibility will be to attach the appropriate State notification (based on when the work was performed) to the payment invoice submitted to agency

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.4.2 Asphalt Price Adjustment: Example

This example is for illustration purposes only. Actual Base Average Price, etc., may vary:

Material Designation 702-3301, HFMS-2

Base Avg. Price per Ton = \$386.000

New Avg. Price per Ton = \$396.000

Total % Asphalt Plus Petroleum Allowance = 73.2%

$$\begin{array}{|c|} \hline \text{Price Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \frac{(396.000 - 386.000)}{235} \times \begin{array}{|c|} \hline 0.732 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \text{Price Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \begin{array}{|c|} \hline +\$0.031 \text{ per gallon} \\ \hline \end{array}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.

Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

8.5 Payment

Payment for cold recycling shall be made at the contract price bid for the actual number of completed square yards of cold recycling; the actual number of tons of aggregate; the actual number of gallons of either asphalt emulsion (unmodified or modified) or PG 64S-22 binder at 60 degrees F verified by the receiving agency used in the accepted portions of the work; if used, the actual number of gallons of asphalt emulsion used for fog sealing at 60 degrees F verified by the receiving agency used in the accepted portions of the work; and if used, actual number of tons of Portland cement. The determination as to quantities involved in any contract shall be accepted as final and binding upon the contractor.

A delivery slip stating quantities of liquid bituminous material (unmodified or modified emulsion or PG 64S-22 binder) shall accompany each shipment. An invoice listing the quantities of cold recycling shall be sent promptly by the contractor to the engineer.

No separate payment will be made for the use of water in the mixing process. Any work required for the maintenance and repair of the cold recycling including sweeping by the contractor during the ten day curing period and for an additional twenty days thereafter shall be done at the contractor's expense.

Payment for work zone traffic control shall be included in the payment for the number of square yards of completed recycling.

8.6 Pre-Recycling Conference

The contractor shall schedule a Pre-Recycling Conference with the affected resident engineer after the acceptance of the mix design by the State and at least one week prior to the start of the recycling. Project-level supervisors for both the owner agency and the contractor shall be present at this conference. At this conference the contractor shall present Certificates of Insurance evidencing compliance with the additional insurance requirements set forth in the INSURANCE clause, their proposed recycling schedule, procedure, equipment, mix design, calibration and Work Zone Traffic Control Plan to the State for approval. Prior to the start of recycling, the contractor shall coordinate the details of the recycling with the resident engineer.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.7 Supervision

The Department of Transportation shall provide supervision for the recycling operation, and pavement marking abrading if applicable. The Resident Engineer shall designate a Project Supervisor who shall be in responsible charge of the operation. All orders pertaining to Work Zone Traffic Control plan from the Project Supervisor to the contractor shall be binding on the contractor. The following portions of Section 105 - CONTROL OF WORK of the Standard Specifications shall apply to these projects: 105-01 STOPPING WORK, 105-08 COOPERATION BY THE CONTRACTOR, 105-15 CONTRACTOR'S RESPONSIBILITY FOR WORK.

8.8 Work Hours

Work shall not be permitted on Sundays and NYS Holidays. If a Contractor desires to work overtime on other days, they must obtain dispensation from NYS Department of Labor using NYS Department of Labor Form PW-30 (5/93).

8.8.1 Special Note - Overtime Dispensation Requests

All Overtime Dispensations will be sent to:

Hasib H. Khan

Pavement Program Engineer

Office of Transportation Maintenance, POD 54

NYS Department of Transportation

50 Wolf Road, Albany, NY 12232

Email: Hasibul.Khan@dot.ny.gov

Phone: 518-457-1572

Fax: 518-457-4203

The dispensations will be submitted for the entire contract period for 5-10hr days (with rain day Saturday) to cover all the project numbers awarded to the contractor within the resulting contract. Should a contractor needs additional dispensation beyond the one described above, they shall submit it to the Regional Director of Operations or the Regional designee as determined at the preconstruction meeting, for the Region they wish to submit special additional dispensation for.

8.9 Construction Details

The construction details shall comply with the requirements specified herein, including those appearing in the enclosed Attachment 09 - Detailed Specifications – Liquid Bituminous Materials. The project supervisor from the State shall have sole responsibility for determining compliance with the specifications. All orders given to the contractor regarding construction details shall be considered final.

8.10 Restoration of Disturbed Areas

During the course of the work the vendor shall take reasonable care not to disturb areas outside the existing pavement. Any areas disturbed by the vendor shall be returned to their original condition at no expense to the State. Any and all debris generated as part of the work shall be removed by the Vendor upon completion of the project.

8.11 Damaged or Deficient Areas

Prior to acceptance and payment by the State for work under this contract, any placed pavement that ravels, delaminates, fails to properly cure, or is in any way defective shall be redone to the satisfaction of the State at the contractor's expense.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.12 Possible Mix Design – Cold Recycling

All NYSDOT Regions except Region 6

The Department may core the pavement and supply those cores to the contractor. The quantities shown on price pages are estimated and indicate the amount and type of added aggregate and the type and amount of asphalt emulsion and the amount of PG 64S-22 binder (if the option is provided) to properly recycle the pavement. The contractor shall develop their bids for square yards of cold recycling, aggregate and **either emulsion (unmodified or modified) or PG binder (if the option is provided) for each project** using the estimated quantities. After award, the contractor shall develop their own mix design as per the detailed specifications and submit it to the agency's representative for approval. The bidder shall submit a bid for cold recycling, aggregate, and either asphalt emulsion or PG 64S-22 binder (if the option is provided). **If the bidder's bid does not conform to these requirements, their bid offer will be rejected.** Core results may be obtained from respective Resident Engineer or Regional Materials Engineer.

Region 6

The possible mix design is shown on bid pages and indicates the amount and type of added aggregate and the type and amount of asphalt emulsion, and the amount of PG 64S-22 binder (if the option is provided) to properly recycle the pavement. The contractor shall develop their bids for square yards of cold recycling, aggregate and **either emulsion (unmodified or modified) or PG binder (if the option is provided) for each project** using the indicated possible mix design.

After award, the contractor shall take pavement cores and develop their own mix design and submit it to the agency's representative for approval. This mix design must be submitted a minimum of ten working days prior to the start of work. The bidder shall submit a bid for cold recycling, aggregate, and either asphalt emulsion or PG 64S-22 binder (if the option is provided). **If the bidder's bid does not conform to these requirements, their bid offer will be rejected.**

8.13 Work Zone Traffic Control

The contractor shall be responsible for Work Zone Traffic Control. Traffic shall be controlled in accordance with Manual of Uniform Traffic Control Devices (MUTCD), Section 619-1 through 619-3 of the Standard Specifications as described herein including modifications to the Standard Specifications. The contractor shall submit a Work Zone Traffic Control Plan for approval to the Resident Engineer at the Pre-Work conference. For two-way roadways, Figures TAST-C1R, TAST-C2R, TAST-C3R, TAST-C4R, TAST-C5R, TAST-C7R, TAST-C1UL, TAST-C2UL, TAST-C3UL, TAST-C4U, TAST-C7UL, TAST-C1UH, TAST-C2UH, TAST-C3UH, and TAST-C7UH included in this document may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way roadways, Figures TAST-C5UL, TAST-C6UL, TAST-C8UL, TAST-C5UH, TAST-C6UH, and TAST-C8UH may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way Freeways or Expressways, Figures TAST-E1, TAST-E2, TAST-E3, TAST-E4, TAST-E5, TAST-E6, and TAST-E7 may be used as a basis for development of a Work Zone Traffic Control Plan.

All necessary flaggers for Work Zone Traffic Control shall be provided by the Contractor. For two-way roadways, a minimum of three flaggers shall be provided while the work operation is underway. One shall be stationed at each end of the applicable operation and one shall be stationed with the operation. For one-way roadways, a minimum of two flaggers shall be provided while work operation is underway. One shall be stationed at the beginning of the applicable operation and one shall be stationed with the operation. The Contractor shall station flaggers such that communication is maintained between the flaggers. Hand signals, radios, pilot vehicles, or some other means of communication may be used subject to the approval of the Resident Engineer.

All costs of Work Zone Traffic Control as prescribed by this specification including flagging, temporary pavement marking and/or delineation, and construction signs, are to be included in the unit price bid. No separate payment shall be made.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.13.1 Permanent Construction Signs

The Contractor shall provide construction signs as specified in Section 619-1 through 619-3 of the Standard Specifications and in the MUTCD. At minimum the Contractor shall install the following permanent construction signs:

SIGN	MINIMUM SIZE	LOCATION
ROAD WORK NEXT _____ MILES	<u>G20-1</u> Conventional 36" x 18" Freeways 48" x 24"	On main line upstream of project in each direction
END ROAD WORK	<u>G20-2</u> Conventional 36" x 18" Freeways 48" x 24"	On main line after end of project in each direction
ROAD WORK AHEAD	<u>W20-1</u> Conventional 36" x 36" Freeways 48" x 48"	On main line in advance of the affected highway segment in each direction and on major intersecting roads 300 -500 feet in advance of main line. Sign should be covered if it conflicts with temporary signing in the vicinity. (Place between the G20-1 and the first warning sign that states condition- i.e. W8-12, W8-9 or W8-15)
DO NOT PASS	<u>R4-1</u> Conventional 24" x 30"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign at or within 100 feet of the beginning of the unmarked area, second within 1,000 feet and subsequent signs, spaced every ½ mile along project in each direction
NO CENTER LINE	<u>W8-12</u> Conventional 36" x 36"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign in advance of the condition and the first "DO NOT PASS" sign: 300' urban is preferred (100' minimum), 500' rural is preferred (200' minimum). Place additional signs spaced every 2 miles on mainline in each direction and after every major intersecting road.
LOW SHOULDER	<u>W8-9</u> Conventional 36" x 36" Freeways 48" x 48"	Place on mainline spaced every 2 miles along project in each direction and after every major intersecting road until shoulder back-up is installed (if conditions warrant use, place between the W8-12 and R4-1, maintaining a minimum of 200' between signs for rural roads and 100' on urban. The W8-12 can be moved upstream to accommodate the required spacing.)
GROOVED PAVEMENT	<u>W8-15</u> Conventional 36" x 36" Freeways 48" x 48"	On any roadway 500 feet in advance of rebates milled under this contract, but not paved. Remove or cover after paving rebate.

**All signs should maintain an absolute minimum spacing of 200' rural or 100' urban. 500' is preferred on rural and 300' is preferred on urban. Double stacking of any of the above signs, or combination thereof, will NOT be

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

permitted.

Major intersecting roads are defined as through State, County, Town, Village, or City roads. The Contractor may provide Portable signs as shown in Figure 6F-2 of the MUTCD and meeting the requirements of Section 619 of the Standard Specifications for lane closures during work hours. Signs left active at night shall be rigid and reflectorized in accordance with the Standard Specifications.

With prior permission of the State's Resident Engineer, the Vendor may provide portable signs as shown in Figure 6F-2 of the MUTCD for the above referenced DO NOT PASS and NO CENTER LINE signs. The Contractor shall be responsible for assuring that these signs will be in their upright, visible positions twenty-four hours a day, seven days a week while 2' X 4" temporary yellow markings are used instead of full barrier pavement markings

8.13.2 Temporary Pavement Markings

The Contractor shall install and maintain temporary pavement markings on any paved surface without permanent pavement markings before opening it to traffic, before nightfall or before the end of the work day, whichever comes soonest except for areas that are open during the work shift with channelizing devices or flaggers. Temporary pavement markings shall meet the requirements of Section 619 of the Standard Specifications except that two-lane, two-way highways may be left without full barrier centerlines in no passing zones for a maximum of 7 calendar days provided that NO CENTER LINE (W8-12, black on orange), NO PASSING ZONE (W14-3, black on orange pennant shaped sign), and DO NOT PASS (R4-1) signs are used consistent with the MUTCD and in conjunction with yellow 2 foot by 4 inch temporary markings consisting of retroreflective removable pavement marking tape, paint or yellow temporary overlay markers installed on a 40 ft. cycle to delineate the centerline location.

The State is responsible for the final pavement markings unless otherwise indicated in the contract. If the vendor chooses to install NO CENTER LINE and DO NOT PASS signs and temporary yellow 2 foot by 4 inch pavement markings in lieu of full barrier centerline markings, the signs shall be left in place until the state has completed installing the final pavement markings. The state will normally complete final pavement markings within 7 days of the project completion. However, if unavoidable situations delay the pavement marking installation the signs shall remain in place for 14 calendar days after the project has been completed or until the state has completed installing the final pavement markings, whichever comes first. If permanent pavement marking cannot be installed within 14 days of the project completion, state must install interim pavement marking including center lines, edge lines, stop bars, and simple crosswalks with no hatching before the end of 14 days after project completion.

All costs for Work Zone Traffic Control including flagging, temporary pavement markings, delineation, and construction signs are to be included in the prices bid per ton or square yard as applicable.

8.13.3 Special Note: Work Zone Intrusion Initiative

As part of the Department of Transportation's Work Zone Intrusion Initiative, the following countermeasures shall apply to this Invitation for Bids.

Channelizing Device Spacing Reduction

A maximum channelizing device spacing of 40 ft. shall be provided at work sites where workers are exposed to traffic. This spacing shall be maintained a reasonable distance upstream of workers, and shall be used throughout the work zone.

Where tapers are located less than 500 ft. from the work site, the 40-ft. spacing shall be used in the tapers as well.

Drums or vertical panels are preferred for intermediate to long-term stationary work zones, and at any locations where the risk of intrusion is high. Traffic cones are normally adequate for work zones set up and removed on a daily basis.

In long lane or shoulder closures, at least two channelizing devices shall be placed transversely at maximum 800 ft. intervals to discourage traffic from driving through the closed lane. Transversely placed devices are not required where pilot car are in use.

Frequent checks shall be made to reset channelizing devices dislodged by traffic.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

Flagger Station Enhanced Setups

Additional cones and a flag tree meeting Section 6F.62 of the MUTCD shall be used upstream of flagger stations to provide added warning to drivers. These devices shall be used for flagger stations except those that are constantly moving or are in use at one location for no more than a few minutes. If the W20-7a Flagger sign is used, the additional cones and flag tree shall also be used.

For additional details on Flagger Station Enhanced Setups, see Work Zone Traffic Control drawings in this Invitation for Bids.

Temporary Rumble Strips

a. Description

This work shall consist of the installation, maintenance and subsequent removal of temporary rumble strips in paving work zones where indicated in the Invitation for Bids or as directed by the Engineer.

b. Materials

Rumble strips shall be either constructed in place from a raised strip of asphalt concrete or constructed in place with removable pavement marking tape. Raised removable tape rumble strips shall be formed by applying four layers of removable black non-reflectORIZED removable pavement marking tape. The tape shall be applied to a clean, dry pavement surface in accordance with the manufacturer's recommendations. The pavement surface shall be cleaned with compressed air just prior to application of the tape. Raised asphalt rumble strips shall be formed from hot mix asphalt meeting the requirements of Items 402.058903 or 402.098903. Tack coat meeting the requirements of Materials Designation 702-XXXXT Asphalt Emulsion Diluted Tack Coat shall be used to adhere the rumble strip to the existing pavement. Temporary rumble strips shall be formed using a specially constructed rumble strip paver (drag box) pulled transversely across the pavement, or by hand placement between forms fixed to the pavement. If forms are used, they shall be removed prior to compaction of the asphalt mixture. Compaction shall be accomplished using a plate tamper or a static roller. The roadway surface on which the rumble strips are to be attached shall be dry, free of surface contaminants such as dust or oil, and shall be 45°F or greater unless otherwise authorized by the Engineer. The pavement surface shall be cleaned with compressed air just prior to tack coating and subsequent installation of rumble strips.

Temporary rumble strips shall be placed in a succession of three 6-Strip Patterns according to the attached "Suggested Layout Details - Temporary Rumble Strips". Each strip shall be placed on 10 foot centers and traversing the full width of each travel lane. On curbed roadways, rumble strips shall end a minimum of 3 feet from the curb so as to not interfere with drainage. Rumble strips shall be between 6 inches and 9 inches in width and have a final compacted thickness of 0.4 inches \pm 0.1 inches.

Any raised rumble strips that fail to adhere to the pavement, or become damaged or flattened such that, in the opinion of the Engineer, they are no longer performing their intended function, shall be replaced or repaired by the Contractor to the satisfaction of the Engineer. Any associated damage to the pavement shall also be repaired by the Contractor to the satisfaction of the Engineer. These replacements or repairs shall be made at no additional expense to the Purchasing Agency.

When directed by the Engineer, (e.g., prior to the start of the winter plowing season), or prior to the placement of successive pavement courses, the Contractor shall completely remove the rumble strips from the pavement. Rumble strips shall be removed upon completion of work and concurrently with the removal of other temporary traffic control signs and devices. Any pavement that is damaged in the process of removing the rumble strips shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the Purchasing Agency.

c. Basis of Payment

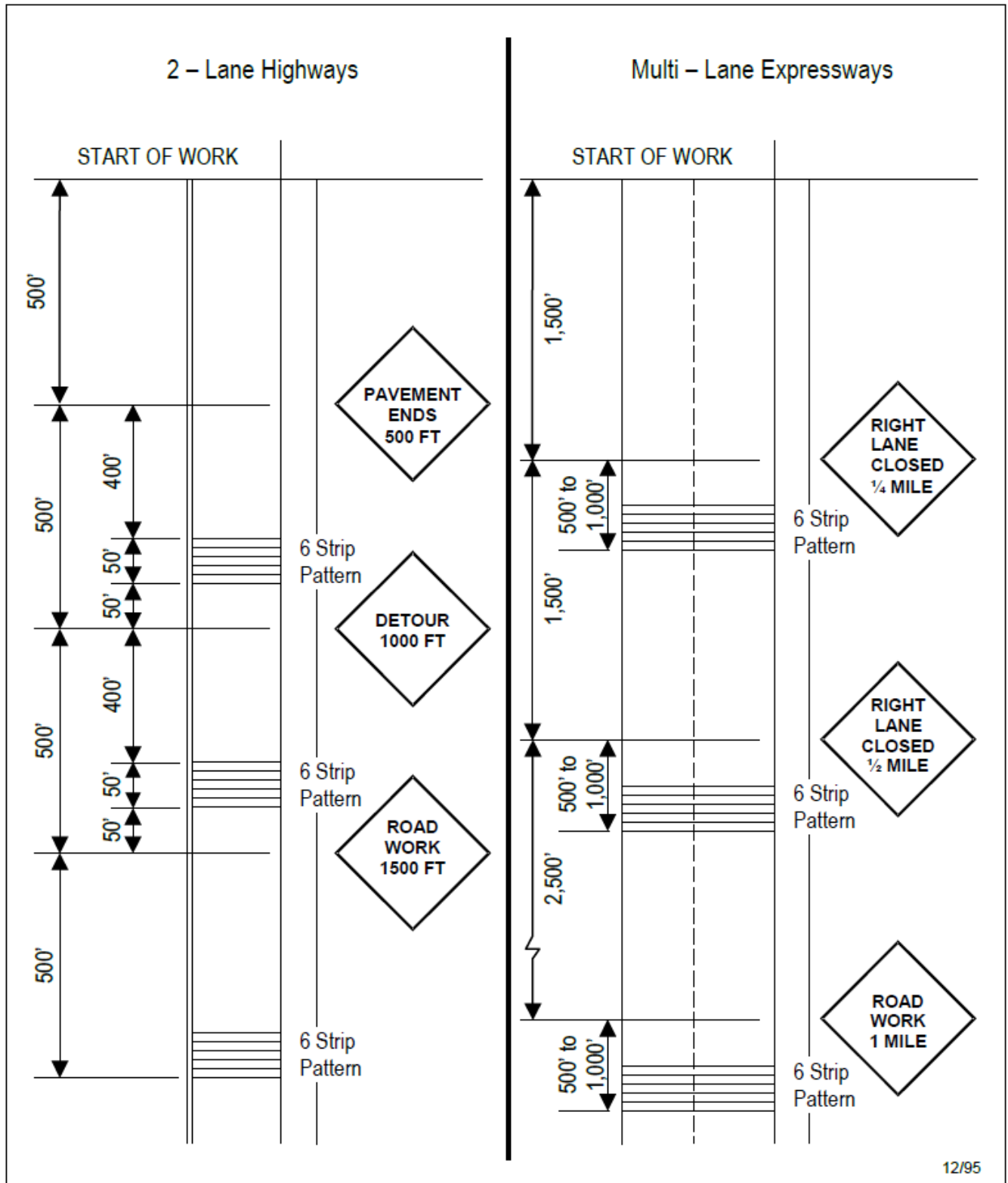
All costs for the installation, maintenance and removal of temporary rumble strips are included in the price per ton or square yard as appropriate. No separate payment shall be made.

d. Suggested Layout Details Drawing-- Temporary Rumble Strips

See the Suggested Layout Details Drawing in the next page.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

Suggested Layout Details -- Temporary Rumble Strips



SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.14 Special Notes – Cold recycling

8.14.1 Funding Source (Cold Recycling)

Projects 1V1721, 1V1761, 1V1771, 1V1781, 360248, 360347, 360366, 6V1713A, 6V1746A, 6V1745, 6V1744, and 6V1647 will be funded by Federal Aid.

Project 203505 is 100% State funded.

8.14.2 Special Note for Coordination with Other Projects (Cold Recycling)

All the projects in this Contract Award Notification involve HMA or chip seal overlay top course as overlay to the cold recycling through separate contract(s). All projects shall require that the cold recycling contractor coordinates their work with the top course contractor(s) to provide required curing period before placing the next course as well as to minimize disruption to the traveling public and the time traffic is running over a recycled surface.

8.14.3 Special Note for Pilot Vehicle (Cold Recycling)

Unless otherwise specified, the highway shall be kept open to traffic at all times. Traffic shall be discontinued on the lanes where work is being performed on these projects; and as soon as recycling is done and rolled, controlled traffic may be permitted thereon. The Contractors shall provide sufficient two-way radio equipped pilot vehicles to guide traffic around recycling work at a speed not to exceed 15 mph. The pilot vehicles shall be equipped with construction signs meeting the requirements of Section 6F.58 of the Manual of Uniform Traffic Control Devices and a rotating amber beacon.

SIGN	MINIMUM SIZE	LOCATION
PILOT VEHICLE FOLLOW ME	G20-4 CONVENTIONAL 36"x18"	ON BACK OF PILOT VEHICLES

The pilot vehicle shall have the name of the Contractor prominently displayed.

All cost for Work Zone Traffic Control including flagging, temporary pavement markings, channelizing devices, construction signs, and pilot vehicles shall be included in the prices per square yard for cold recycling. No separate payment shall be made. **The use of the pilot shall be as ordered by the Resident Engineer.**

8.14.4 NYSDOT Region 1 Special Notes (Cold Recycling)

All Region 1 Projects shall follow the following holiday restrictions:

There shall be no temporary lane closures permitted on the following dates:

- 6:00 AM May 25 to 6:00 AM May 31
- 6:00 AM June 30 to 6:00 AM July 5
- 6:00 AM Sept 1 to 6:00 AM Sept 5
- 6:00 AM Oct 6 to 6:00 AM Oct 10
- 6:00 AM Nov 22 to 6:00 AM Nov 27
- 6:00 AM Dec 22 to 6:00 AM Jan 2 (2018)

Region 1 Projects – Pavement Markings:

It shall be the contractor’s responsibility to inventory and document the existing pavement marking patterns prior to milling and/or resurfacing and submit to the Engineer a copy of the inventory prior to beginning work. The contractor shall be responsible for completing all layout work necessary for the installation of all final pavement markings. If the original markings are obliterated, the contractor shall contact the resident engineer for guidance on their location.

Region 1 Projects – Non-Vibratory Rolling:

Contractor shall use non-vibratory rolling over any bridge structure, large culvert or known utility within the project limits or as ordered by the engineer in charge.

Region 1 Recycling Operations

Recycling operations shall progress in the opposite direction of traffic. This provision may only be waived by the Region 1 Materials Engineer.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.14.4 NYSDOT Region 1 Special Notes (Cold Recycling) (Cont'd)

Region 1 Projects – Completion Date:

The recycling operations for all Region 1 projects shall be completed by **August 25, 2017**. The Contractor shall submit a schedule to the Engineer, to this effect, prior to beginning of recycling operations.

Project 1V1721 – Rt. 74 Essex County RM 1080 to 1117

Lane Closure Restrictions Site Specific:

There shall be no temporary lane closures permitted between Tuesday, June 6 and Sunday, June 11, 2017 (Americade)

Project 1V1761 – Rt. 159 Schenectady County RM 1000 to 1083

Lane Closure Restrictions Site Specific:

There shall be no temporary lane closures permitted between Friday June 23 and Sunday June 25, 2017 (Harley Rendezvous).

Project 1V1771 – Rt. 8 Warren County RM 1175 to 1214

Lane Closure Restrictions Site Specific:

- There shall be no temporary lane closures permitted between Tuesday, June 6 and Sunday, June 11, 2017 (Americade).
- Lake George Triathlon, Date TBD (Anticipate No Temporary Lane Closures on Saturday September 2, 2017, subject to change when event is announced).

Project 1V1781 - Rt. 22 Washington County RM 1181 To 1215

Lane Closure Restrictions Site Specific:

- There shall be no temporary lane closures permitted between Tuesday, June 6 and Sunday, June 11, 2017 (Americade).
- Fronhofer Tool Triathlon, Date TBD (Anticipate No Temporary Lane Closures on Saturday August 5, 2017, subject to change when event is announced).

8.14.5 NYSDOT Region 2 Special Notes (Cold Recycling)

Project 203505- Rte. 334 – Fonda to Rte. 67

- All Cold Recycling must be completed no later than August 31st.
- Segments with shoulders less than or equal to 3' - The contractor shall cut 4" at the centerline and cut a uniform cross slope across the full width including the shoulders. The method must be included in the MMP.
- Segments with shoulders greater than 3' - The contractor shall cut 4" at the centerline and cut a uniform cross slope across the full width of the travel lanes and include a shoulder break. Shoulders shall be removed an equal amount from each side of the pavement to a depth of 4" as necessary to achieve a full width, 4" compacted mat upon completion of the recycling. The contractor shall include the method to be used for this in their MMP. *Payment for the shoulder milling/removal will be made under item 416.10.*
- Any excess millings will become the property of the contractor and shall be removed from the project by the contractor.
- The cold recycled mat will be fog sealed at the end of each day's production. Payment for the fog seal will be made using 416.30.
- **RM 334-2501-1007 (+155')** to **RM 334-2501-1008 (-75')** shall be milled 4" only and not recycled. Clearance issues with the abandoned RR overpass will not allow for recycling. *Payment for this milling/removal will be made under item 416.10.* This milled segment will be fog sealed.
- Pavement cores to be used in developing the CIPR mix design were taken by Region 2 Materials and are stored at the Technical Services Laboratory, 1701 Broad St., Utica NY, 13502. Contact the Regional Materials Engineer at 315-734-9419 to arrange for pick up of the cores and the core reports.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.14.6 NYSDOT Region 3 Special Notes (Cold Recycling)

All Region 3 Projects shall follow the following holiday restrictions:

There shall be no temporary lane closures permitted on the following dates:

May 26 – May 29
June 30– July 4
September 1 – September 4
November 22 – November 26

All Cold in place recycling projects must be completed no later than August 31st, 2017.

Project 360248 – Rte. 221; East of Merrill Creek Rd to Rte. 26/41, Cortland County

Coordination will be required between the recycling contractor and the paving contractor.

Contractor shall determine whether it is necessary to add or remove material such that the pavement profile is not changed after recycling.

Project 360347 - Rte. 41A, Hartnett Rd. to Onondaga County Line, Cayuga County

Coordination will be required between the recycling contractor and the paving contractor.

Contractor shall determine whether it is necessary to add or remove material such that the pavement profile is not changed after recycling.

Project 360366 - Rte. 392, Tompkins County Line to South Hill Road, Cortland County

Coordination will be required between the recycling contractor and the paving contractor.

Contractor shall determine whether it is necessary to add or remove material such that the pavement profile is not changed after recycling.

8.14.7 NYSDOT Region 6 Special Notes (Cold Recycling)

Region 6 Specific Special Notes:

No work shall be permitted, to minimize travel delays associated with major holidays, during the following periods:

- Friday, May 26, 2017-sunrise, Tuesday, May, 30, 2017.
- Friday, June 30, 2017- sunrise, Wednesday, July 5, 2017.
- Friday, September 1, 2017- sunrise, Tuesday, September 5, 2017.

The Region requests all Preconstruction paperwork be submitted electronically as .pdf files to Jacob.Roloson@dot.ny.gov prior to the preconstruction meeting, or all documentation be brought to the Preconstruction meeting electronically as .pdf files on a CD or USB “thumb” drive that will not be returned to the contractor.

The expectation of Region 6 is that fog seal shall only be used when environmental conditions (pending rain, cooler temperatures, etc.) could result in a negative impact to the mat (raveling, etc.); Contractors should not plan to fog seal a mat at the close of business daily as part of their normal operations. Region 6 does not anticipate paying for fog seal, so Contractors should plan accordingly.

In lieu of longitudinal cones full project length between open and closed lanes of traffic, the contractor may elect to substitute, when using pilot vehicles, use of cones placed transversely across the closed lane at intervals per section 619-3.02 J.2 (every 800') and at strategic locations, such as intersections and driveways.

All Region 6 Cold Recycling projects shall be completed no later than September 15, 2017. Projects 6V1713A and 6V1746A should be completed no later than August 1, 2017 to provide for curing time and top course placement. A schedule reflecting this shall be submitted before start of work to the Region's ARDO, Jacob Roloson, for approval. Paint is the only option permitted in Region 6 for temporary and interim pavement markings, unless approved on a case by case basis by the Resident Engineer. Offset the centerline temporary/interim pavement markings so that the permanent markings will cover up the temporary/interim markings, as follows: 8" centerline offset for 2 lane roads, 6" centerline offset for multi-lane roadways.

3 Rollers will be required to be used on all Region 6 cold recycling projects. The same roller cannot be substituted as the “knock-down” and “finish” roller.

SECTION 8: COLD RECYCLING - SPECIFIC PROJECTS (Cont'd)

8.14.7 NYSDOT Region 6 Special Notes (Cold Recycling) (Cont'd)

All coring shall be coordinated with the Regional Materials Engineer, Dennis Cotton. The mix design submittal for approval shall include all data associated with each core, this shall include but not limited to locations and all laboratory results used to develop the mix design. Additionally the Regional Materials Engineer may designate companion cores to be taken for QA testing in the regional lab, this shall be done in the presence of the RME or his designee.

Region 6 will waive the requirement to have the nuclear gage inspector on site at the start of the operation for the cold recycling operation. This inspector shall be on site within 4 hours of the start of the operation or as required by the Resident Engineer.

A reminder that per Code Rule 753, a “Dig Safe” ticket shall be submitted for each project notifying of “...the movement or removal...of pavement...”. Some of these utilities may request “no vibratory rolling” for a distance up to 100’ over interstate/intercontinental gas/petroleum transverse crossings. Contractors can visit the following website to view whether there is a likelihood for these utilities in the project limits:

<https://www.npms.phmsa.dot.gov/> and then click the npms public map viewer link and follow the instructions.

The following bridges are within the project limits and are not to receive the cold recycle treatment:

Project Number	BIN/CIN	Reference Marker
6V1647	1061870	17-6404-1059
	1012560	17-6404-1062
6V1745	3334660	15-6401-1212
	3334670	15-6401-1221

8.15 Detailed Specifications – Cold Recycling

Please, see Attachment 09 – Detailed Specifications – Liquid Bituminous Materials.

8.15.1 Project Dimensions - Cold Recycling

Information on pavement widths for projects in this Invitation for Bids is listed for informational purposes only. The dimensions listed are the best information available, but 100% accuracy is not guaranteed. Bidders should visit the project site to confirm the dimensions given and familiarize themselves with the project particulars before submitting a bid. The Department assumes no responsibility for erroneous information listed herein.

The pavement width listed is the total width of all the travel lanes only.

The shoulder width is for one shoulder only.

Project Number	Recycling Depth (inch)	Travel Lanes Width (feet) (total)	Lane Width (feet) (one lane)	Shoulder Width (feet) (one shoulder)	Number of Lanes
1V1721	4	24	12	2	2
1V1761	4	22	11	5	2
1V1771	4	22	11	3	2
1V1781	4	22	11	4	2
203505	4	20-22	10-11	1-10	2
360248	4	22	11	4	2
360347	4	20	10	4	2
360366	4	22	11	4	2
6V1713A	3	20	10	6	2
6V1746A	3	24	12	4	2
6V1745	4	24	12	7	2
6V1744	3	24	12	7	2
6V1647	3	22	11	5	2

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS

9.1 Introduction

Crack sealers are hot poured liquid bituminous materials (rubberized asphalt) used to seal cracks in the surface of highway pavements.

9.2 Method of Award

There is to be one award for each project. Bidders may bid on one or more projects.

Award shall be by Price per Gallon per OGS Project to the lowest responsive and responsible bidder.

The State reserves the right to reject an obviously unbalanced bid or to make "NO AWARD" on individual projects if individual bid prices are deemed to be unbalanced or excessive or if an error in the solicitation becomes evident. The determination of an unbalanced bid shall be at the sole discretion of the State. Options contained in this paragraph shall also be at the State's sole discretion.

9.3 Pricing Information

9.3.1 General

Clause 13b of Appendix B, the General Specifications has been modified to include the following:

Price quoted for joint & crack filler/sealer shall be net per gallon, furnished, delivered, heated, and applied by the contractor at the locations indicated herein. Price calculations, if any, will be calculated on the basis of the material actually furnished. Work Zone Traffic Control, cleaning of cracks, and disposal of debris shall be included in the price quoted per gallon of crack sealer.

The contractor is to furnish all necessary labor and equipment to complete the indicated projects except that the State will supervise and control the operation. The equipment supplied to complete the crack sealing projects shall conform with the specifications included in this Invitation for Bids.

9.3.2 Insurance

Price bid shall include all required insurance coverage costs. In particular, price shall include:

- Commercial General Liability Insurance with a limit of not less than \$2,000,000 each occurrence;
- Comprehensive Business Automobile Liability Insurance with a limit of not less than \$2,000,000 each accident;
- Owners and Contractors Protective Insurance Coverage (OCP) with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

Each requirement should be reviewed carefully. (Please see the Attachment 04 – Insurance Requirements for detailed insurance requirements.)

Owners and Contractors Protective Insurance Coverage (OCP)

The contractor must supply the OCP Insurance to the Resident Engineer at the Pre-Paving Conference.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

9.4 Asphalt Price Adjustment

9.4.1 General

- a. Asphalt price adjustments allowed will be based on the October 2016 average of the F.O.B. terminal price per ton of unmodified PG 64S-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specifications.

The October average is \$386.000 per ton

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation pre-approved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal **price shall not be recalculated.**

- b. The new average F.O.B. terminal price will be determined based on the above F.O.B. terminal prices posted on the 20th of each month, hereafter known as the “Adjustment Date”, during the contract period. However, asphalt price adjustments, in accordance with the formula below, will be effective for deliveries made on and after the first of the month following the adjustment date.
- c. The unit prices of liquid bituminous materials purchased from any award based on this specification will be subject to adjustment based on the following formula:

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \frac{\begin{array}{|c|} \hline \text{New Monthly Average} \\ \text{FOB Terminal Price} \\ \hline \end{array} - \begin{array}{|c|} \hline \text{Base Average} \\ \text{Terminal Price} \\ \hline \end{array}}{235} \times \begin{array}{|c|} \hline \text{Total} \\ \text{Allowable} \\ \text{Petroleum \%} \\ \hline \end{array}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.
 Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

New Monthly Average F.O.B. Terminal Price

The average F.O.B. terminal price for unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

Base Average F.O.B. Terminal Price

The average F.O.B. terminal price of unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation as of October 2016.

Total Allowable Petroleum

The percentage of total allowable petroleum for each item is as follows:

Material Designation	Grade	Asphalt %	Petroleum Allowance %	Total Allowable Petroleum %
PG 64S-22 + Fiber		95	0.2	95.2%
ASTM D6690 Type II		56	0.2	56.2%

Asphalt Price Adjustments will not be allowed for materials which do not have an asphalt cement base.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont’d)

- d. Work performed after the expiration of the contract, where no extension has been granted, resultant from purchase orders placed prior to expiration of the contract will receive the Asphalt Price Adjustments applicable in effect during the last month of the contract.
- e. Asphalt Price Adjustments for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.
- f. Asphalt price adjustments allowed by this contract shall be calculated and applied to the original prices. There will not be asphalt price adjustments unless the change amounts to more than \$0.100 per ton/\$0.010 per gallon as applicable from the original price. In these instances, prices will revert back to the original prices.
- g. All Asphalt Price Adjustments will be computed to three decimal places.
- h. Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the Contractor to terminate any contract resulting from this bid opening.
- i. All asphalt price adjustments shall be published by the State and issued to all contract holders whose responsibility will be to attach the appropriate State notification (based on when the work was performed) to the payment invoice submitted to agency

9.4.2 Asphalt Price Adjustment: Example

This example is for illustration purposes only. Actual Base Average Price, etc., may vary:

Item ASTM D6690 Type II
 Base Avg. Price per Ton = \$386.000
 New Avg. Price per Ton = \$396.000
 Total Allowable Petroleum = 56.2%

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \frac{(396.000 - 386.000)}{235} \times \begin{array}{|c|} \hline 0.562 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per gallon)} \\ \hline \end{array} = \begin{array}{|c|} \hline +\$0.024 \text{ per gallon} \\ \hline \end{array}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.
 Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

9.5 Payment

Payment for crack filler/sealer shall be made at contract price per gallon for the actual quantities furnished to and verified by the receiving agency. This determination as to quantities involved in any contract shall be accepted as final and binding upon the Contractor. A delivery slip stating quantities shall accompany each shipment. An invoice shall be sent promptly by the Contractor to the Engineer of the Region placing the order. Measurement shall be based on the volume of crack filler/sealer at a temperature of 60°F. The method to be used for volume corrections shall be the method and coefficients of expansion given in the “Standard Petroleum Tables, A.S.T.M. D1250”.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

9.6 Pre-Crack Sealing Conference

The contractor shall coordinate a schedule for a Pre-Crack Sealing Conference with the Resident Engineer (RE), Resident Operation Engineer (ROE) and his or her project quality Assurance Representative within one month after the award of the contract and at least two weeks prior to the start of the crack sealing. At this conference the contractor shall present Certificates of Insurance evidencing compliance with the additional Insurance Requirements set forth in the INSURANCE clause, their proposed crack sealing schedule, equipment, and crack sealing procedure and Work Zone Traffic Control Plan to the State for approval. At least one week prior to the start of crack sealing, the contractor shall coordinate the details of the crack sealing with the Resident Engineer.

9.7 Supervision

The Department of Transportation shall provide supervision for the crack sealing operation, and pavement marking abrading if applicable. The Resident Engineer shall designate a Project Supervisor who shall be in responsible charge of the operation. All orders pertaining to Work Zone Traffic Control plan from the Project Supervisor to the contractor shall be binding on the contractor. The following portions of Section 105 - CONTROL OF WORK of the Standard Specifications shall apply to these projects: 105-01 STOPPING WORK, 105-08 COOPERATION BY THE CONTRACTOR, 105-15 CONTRACTOR'S RESPONSIBILITY FOR WORK.

9.8 Work Hours

Work shall not be permitted on Sundays and NYS Holidays. If a Contractor desires to work overtime on other days, they must obtain dispensation from NYS Department of Labor using NYS Department of Labor Form PW-30 (5/93).

9.8.1 Special Note - Overtime Dispensation Requests

All Overtime Dispensations will be sent to:

Hasib H. Khan

Pavement Program Engineer
Office of Transportation Maintenance, POD 54
NYS Department of Transportation
50 Wolf Road, Albany, NY 12232

Email: Hasibul.Khan@dot.ny.gov

Phone: 518-457-1572

Fax: 518-457-4203

The dispensations will be submitted for the entire contract period for 5-10hr days (with rain day Saturday) to cover all the project numbers awarded to the contractor within the resulting contract. Should a contractor needs additional dispensation beyond the one described above, they shall submit it to the Regional Director of Operations or the Regional designee as determined at the preconstruction meeting, for the Region they wish to submit special additional dispensation for.

9.9 Construction Details

The construction details shall comply with the requirements specified herein, including those appearing in the enclosed Attachment 09 - Detailed Specifications – Liquid Bituminous Materials. The project supervisor from the State shall have sole responsibility for determining compliance with the specifications. All orders given to the contractor regarding construction details shall be considered final.

9.10 Restoration Disturbed Areas

During the course of the work the vendor shall take reasonable care not to disturb areas outside the existing pavement. Any areas disturbed by the vendor shall be returned to their original condition at no expense to the State. Any and all debris generated as part of the work shall be removed by the Vendor upon completion of the project.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

9.11 Damaged or Deficient Areas

Prior to acceptance and payment by the State for work under this contract, any placed pavement that ravel, delaminates, fails to properly cure, or is in any way defective shall be redone to the satisfaction of the State at the contractor's expense.

9.12 Work Zone Traffic Control

The contractor shall be responsible for Work Zone Traffic Control. Traffic shall be controlled in accordance with Manual of Uniform Traffic Control Devices (MUTCD), Section 619-1 through 619-3 of the Standard Specifications as described herein including modifications to the Standard Specifications. The contractor shall submit a Work Zone Traffic Control Plan for approval to the Resident Engineer at the Pre-Work conference. For two-way roadways, Figures TAST-C1R, TAST-C2R, TAST-C3R, TAST-C4R, TAST-C5R, TAST-C7R, TAST-C1UL, TAST-C2UL, TAST-C3UL, TAST-C4U, TAST-C7UL, TAST-C1UH, TAST-C2UH, TAST-C3UH, and TAST-C7UH included in this document may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way roadways, Figures TAST-C5UL, TAST-C6UL, TAST-C8UL, TAST-C5UH, TAST-C6UH, and TAST-C8UH may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way Freeways or Expressways, Figures TAST-E1, TAST-E2, TAST-E3, TAST-E4, TAST-E5, TAST-E6, and TAST-E7 may be used as a basis for development of a Work Zone Traffic Control Plan.

All necessary flaggers for Work Zone Traffic Control shall be provided by the Contractor. For two-way roadways, a minimum of three flaggers shall be provided while the work operation is underway. One shall be stationed at each end of the applicable operation and one shall be stationed with the operation. For one-way roadways, a minimum of two flaggers shall be provided while work operation is underway. One shall be stationed at the beginning of the applicable operation and one shall be stationed with the operation. The Contractor shall station flaggers such that communication is maintained between the flaggers. Hand signals, radios, pilot vehicles, or some other means of communication may be used subject to the approval of the Resident Engineer.

All costs of Work Zone Traffic Control as prescribed by this specification including flagging, temporary pavement marking and/or delineation, and construction signs, are to be included in the unit price bid. No separate payment shall be made.

9.12.1 Temporary Construction Signs

The vendor shall provide temporary construction signs as specified in Section 619-1 through 619-3 of the Standard Specifications and in the MUTCD. All costs for Work Zone Traffic Control including flagging, construction signs and shadow vehicles are to be included in the price per gallon. No separate payment shall be made.

9.12.2 Shadow Vehicle Requirements

The shadow vehicles shall have a gross vehicle weight of 18,000 lb. to 20,000 lb. each. The shadow vehicles shall be equipped with a combination of four (4) rotary lights and strobes, two front and two rear and four (4) flashing amber lights, two (2) front and two (2) rear. All equipment on the shadow vehicle furnished under this contract shall be in full compliance with the latest edition of the New York State Vehicle and Traffic Law, Article 9, Sections 375 and 376. The shadow vehicles shall each be equipped with a Mobile Construction Zone Impact Attenuator, as per Section 712-06 of the NYSDOT Standard Specifications, and one Type B Arrow Panel, as described in Section 294.5 of the MUTCD. Contractor shall supply all necessary operators for the shadow vehicles.

9.12.3 Special Note: Work Zone Intrusion Initiative

As part of the Department of Transportation's Work Zone Intrusion Initiative, the following countermeasures shall apply to this Invitation for Bids.

Channelizing Device Spacing Reduction

A maximum channelizing device spacing of 40 ft. shall be provided at work sites where workers are exposed to traffic. This spacing shall be maintained a reasonable distance upstream of workers, and shall be used throughout the work zone.

Where tapers are located less than 500 ft. from the work site, the 40-ft. spacing shall be used in the tapers as well.

Drums or vertical panels are preferred for intermediate to long-term stationary work zones, and at any locations where the risk of intrusion is high. Traffic cones are normally adequate for work zones set up and removed on a daily basis.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

In long lane or shoulder closures, at least two channelizing devices shall be placed transversely at maximum 800 ft. intervals to discourage traffic from driving through the closed lane. Transversely placed devices are not required where pilot car are in use.

Frequent checks shall be made to reset channelizing devices dislodged by traffic.

Flagger Station Enhanced Setups

Additional cones and a flag tree meeting Section 6F.62 of the MUTCD shall be used upstream of flagger stations to provide added warning to drivers. These devices shall be used for flagger stations except those that are constantly moving or are in use at one location for no more than a few minutes. If the W20-7a Flagger sign is used, the additional cones and flag tree shall also be used.

For additional details on Flagger Station Enhanced Setups, see Work Zone Traffic Control drawings in this Invitation for Bids.

Temporary Rumble Strips

a. Description

This work shall consist of the installation, maintenance and subsequent removal of temporary rumble strips in paving work zones where indicated in the Invitation for Bids or as directed by the Engineer.

b. Materials

Rumble strips shall be either constructed in place from a raised strip of asphalt concrete or constructed in place with removable pavement marking tape. Raised removable tape rumble strips shall be formed by applying four layers of removable black non-reflectorized removable pavement marking tape. The tape shall be applied to a clean, dry pavement surface in accordance with the manufacturer's recommendations. The pavement surface shall be cleaned with compressed air just prior to application of the tape. Raised asphalt rumble strips shall be formed from hot mix asphalt meeting the requirements of Items 402.058903 or 402.098903. Tack coat meeting the requirements of Materials Designation 702-XXXXT Asphalt Emulsion Diluted Tack Coat shall be used to adhere the rumble strip to the existing pavement. Temporary rumble strips shall be formed using a specially constructed rumble strip paver (drag box) pulled transversely across the pavement, or by hand placement between forms fixed to the pavement. If forms are used, they shall be removed prior to compaction of the asphalt mixture. Compaction shall be accomplished using a plate tamper or a static roller. The roadway surface on which the rumble strips are to be attached shall be dry, free of surface contaminants such as dust or oil, and shall be 45°F or greater unless otherwise authorized by the Engineer. The pavement surface shall be cleaned with compressed air just prior to tack coating and subsequent installation of rumble strips.

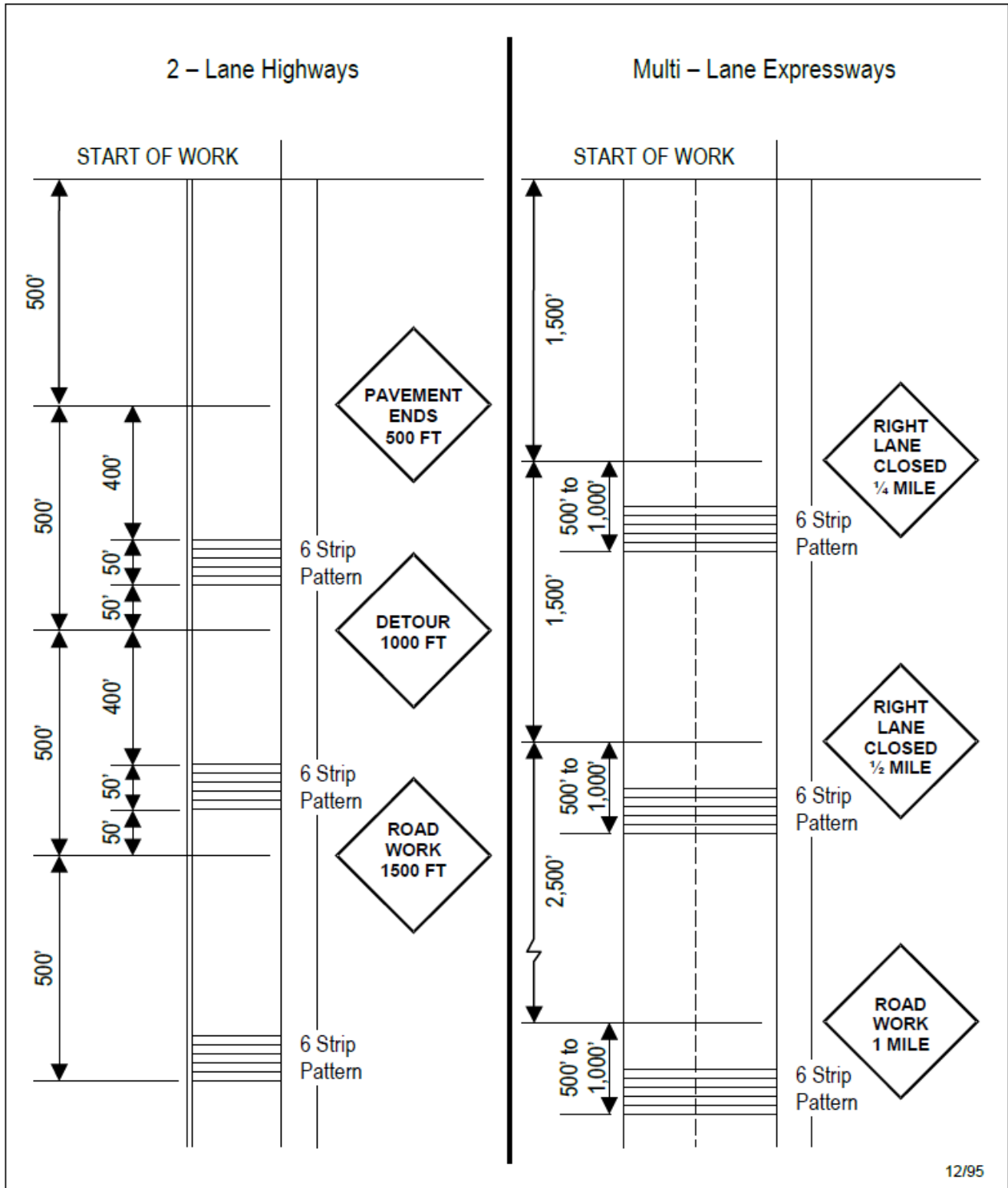
Temporary rumble strips shall be placed in a succession of three 6-Strip Patterns according to the attached "Suggested Layout Details - Temporary Rumble Strips". Each strip shall be placed on 10 foot centers and traversing the full width of each travel lane. On curbed roadways, rumble strips shall end a minimum of 3 feet from the curb so as to not interfere with drainage. Rumble strips shall be between 6 inches and 9 inches in width and have a final compacted thickness of 0.4 inches \pm 0.1 inches.

Any raised rumble strips that fail to adhere to the pavement, or become damaged or flattened such that, in the opinion of the Engineer, they are no longer performing their intended function, shall be replaced or repaired by the Contractor to the satisfaction of the Engineer. Any associated damage to the pavement shall also be repaired by the Contractor to the satisfaction of the Engineer. These replacements or repairs shall be made at no additional expense to the Purchasing Agency.

When directed by the Engineer, (e.g., prior to the start of the winter plowing season), or prior to the placement of successive pavement courses, the Contractor shall completely remove the rumble strips from the pavement. Rumble strips shall be removed upon completion of work and concurrently with the removal of other temporary traffic control signs and devices. Any pavement that is damaged in the process of removing the rumble strips shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the Purchasing Agency.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

Suggested Layout Details -- Temporary Rumble Strips



SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)

c. Basis of Payment

All costs for the installation, maintenance and removal of temporary rumble strips are included in the price per ton or square yard as appropriate. No separate payment shall be made.

d. Suggested Layout Details Drawing-- Temporary Rumble Strips

See the Suggested Layout Details Drawing on page 61.

9.13 Special Notes – Crack Sealing

9.13.1 Funding Source (Crack Sealer)

Projects 6M1701, 9CRS71, 9CRS72, and 9CRS73 will be funded by Federal Aid.

9.13.2 NYSDOT Region 6 Special Notes (Crack Sealing)

No work shall be permitted, to minimize travel delays associated with major holidays, during the following periods:

- Friday, May 26, 2017-sunrise, Tuesday, May, 30, 2017.
- Friday, June 30, 2017- sunrise, Wednesday, July 5, 2017.
- Friday, September 1, 2017- sunrise, Tuesday, September 5, 2017.

The Region requests all Preconstruction paperwork be submitted electronically as .pdf files to Jacob.Roloson@dot.ny.gov prior to the preconstruction meeting, or all documentation be brought to the Preconstruction meeting electronically as .pdf files on a CD or USB “thumb” drive that will not be returned to the contractor.

All Region 6 Crack Seal projects shall be completed no later than October 31, 2017. A schedule reflecting this shall be submitted before start of work to the Region’s ARDO, Jacob Roloson, for approval.

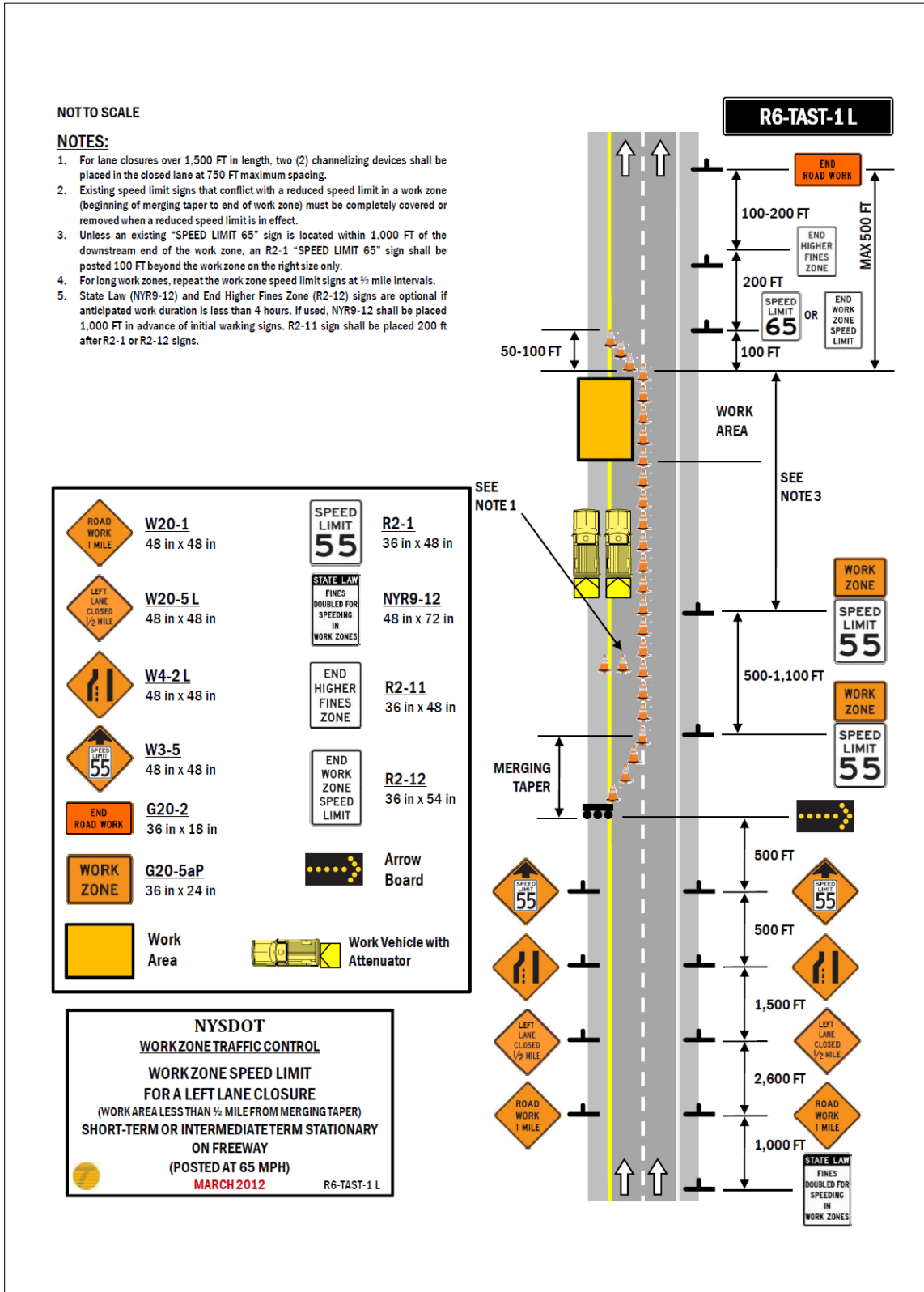
All Region 6 Crack Seal projects on I86, I390, Rte. 17, and Rte. 15 shall follow R6-TAST-1L and R6-TAST-1R WZTC plans.

The crack seal site: Horseheads/Elmira Area: Rte. I-86: RM 14-6201-3007/14-6201-3039 is in the Regional Priority Network Restricted Area and, thus, no lanes closures, in the restricted areas, are permitted Monday thru Friday, between the hours of 3:00PM and 6:00PM without the expressed written approval of the Regional Traffic Engineer, or his designee.

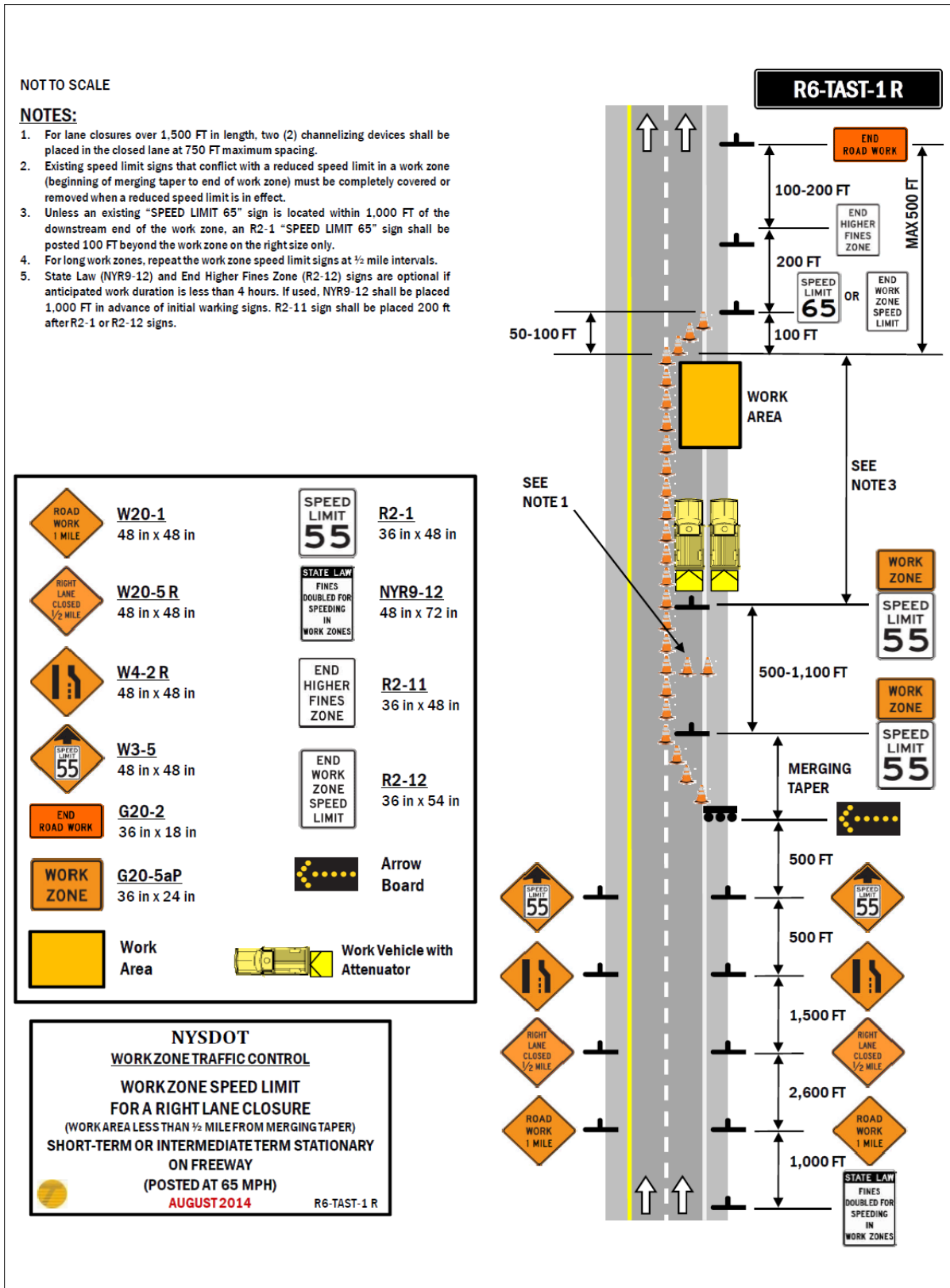
9.14 Detailed Specifications – Crack Sealing

Please, see Attachment 09 – Detailed Specifications – Liquid Bituminous Materials.

SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)



SECTION 9: CRACK SEALER – SPECIFIC PROJECTS (Cont'd)



SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS

10.1 Introduction

Micro-surfacing is a pavement preventive maintenance treatment which offers minor improvements to rideability and has excellent friction characteristics. Quick Set Slurry Seal is a pavement preventive maintenance treatment that offers minor improvements to rideability and has excellent friction characteristics for low volume roads.

10.2 Method of Award

There is to be one award for each project. Bidders may bid on one or more projects.

Award shall be by PRICE PER TON per OGS Project to the lowest responsive and responsible bidder.

The State reserves the right to reject an obviously unbalanced bid or to make "NO AWARD" on individual projects if individual bid prices are deemed to be unbalanced or excessive or if an error in the solicitation becomes evident. The determination of an unbalanced bid shall be at the sole discretion of the State. Options contained in this paragraph shall also be at the State's sole discretion.

10.3 Pricing Information

10.3.1 General

Clause 13b of Appendix B, the General Specifications has been modified to include the following:

Price quoted for micro-surfacing shall be net per ton, furnished, hauled, delivered, and applied with Contractor's equipment totally by the Contractor at locations indicated herein. The price quoted for micro-surfacing per ton shall also include abrading the existing pavement markings, the provision of Work Zone Traffic Control as indicated elsewhere in this Invitation for Bids and Maintenance Materials Bond as listed in the BONDING REQUIREMENTS section in this Invitation for Bids. Price calculations, if any, will be calculated on the basis of the material actually furnished.

10.3.2 Insurance

Price bid shall include all required insurance coverage costs. In particular, price shall include:

- Commercial General Liability Insurance with a limit of not less than \$2,000,000 each occurrence;
- Comprehensive Business Automobile Liability Insurance with a limit of not less than \$2,000,000 each accident;
- Owners and Contractors Protective Insurance Coverage (OCP) with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

Each requirement should be reviewed carefully. (Please see the Attachment 04 – Insurance Requirements for detailed insurance requirements.)

Owners and Contractors Protective Insurance Coverage (OCP)

The contractor must supply the OCP Insurance to the Resident Engineer at the Pre-Paving Conference.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.4 Asphalt Price Adjustments

10.4.1 General

- a. Asphalt price adjustments allowed will be based on the October 2016 average of the F.O.B. terminal price per ton of unmodified PG 64S-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specifications.

The October 2016 average is \$386.000 per ton

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation pre-approved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal **price shall not be recalculated.**

- b. The new average F.O.B. terminal price will be determined based on the above F.O.B. terminal prices posted on the 20th of each month, hereafter known as the “Adjustment Date”, during the contract period. However, asphalt price adjustments, in accordance with the formula below, will be effective for deliveries made on and after the first of the month following the adjustment date.
- c. The unit prices of liquid bituminous materials purchased from any award based on this specification will be subject to adjustment based on the following formula:

Price Adjustment (Per Ton)	=	$\left(\begin{array}{c} \text{New Monthly Average} \\ \text{F.O.B. Terminal Price} \end{array} - \begin{array}{c} \text{Base Average F.O.B.} \\ \text{Terminal Price} \end{array} \right)$	X	Total Allowable Petroleum %
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Positive Price Adjustment number shall be added to original per gallon Bid Price.

Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

New Monthly Average F.O.B. Terminal Price

The average F.O.B. terminal price for unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

Base Average F.O.B. Terminal Price

The average F.O.B. terminal price of unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation as of October 2016.

Total Allowable Petroleum

The percentage of total allowable petroleum for each item is as follows:

Item #	Material Designation	Asphalt %	Petroleum Allowance %	Total Allowable Petroleum %
413.02010118	Microsurfacing, Type II, F1	9.0	0.2	9.2
413.02020118	Microsurfacing, Type II, F2	9.0	0.2	9.2
413.02030118	Microsurfacing, Type II, F3	9.0	0.2	9.2
413.03010118	Microsurfacing, Type III, F1	7.5	0.2	7.7
413.03020118	Microsurfacing, Type III, F2	7.5	0.2	7.7
413.03030118	Microsurfacing, Type III, F3	7.5	0.2	7.7
413.04030118	Microsurfacing, Type III Rut Filling	7.5	0.2	7.7

Asphalt Price Adjustments will not be allowed for materials which do not have an asphalt cement base.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

- d. Work performed after the expiration of the contract, where no extension has been granted, resultant from purchase orders placed prior to expiration of the contract will receive the Asphalt Price Adjustments applicable in effect during the last month of the contract.

Asphalt Price Adjustments for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.
- e. Asphalt price adjustments allowed by this contract shall be calculated and applied to the original prices. There will not be asphalt price adjustments unless the change amounts to more than \$0.100 per ton/\$0.010 per gallon as applicable from the original price. In these instances, prices will revert back to the original prices.
- f. All Asphalt Price Adjustments will be computed to three decimal places.
- g. Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the Contractor to terminate any contract resulting from this bid opening.
- h. All asphalt price adjustments shall be published by the State and issued to all contract holders whose responsibility will be to attach the appropriate State notification (based on when the work was performed) to the payment invoice submitted to agency

10.4.2 Asphalt Price Adjustment: Example

This example is for illustration purposes only. Actual Base Average Price, etc., may vary:

Item 18410.1021
Base Average Price = \$386.000
New Average Price = \$396.000
% Total Allowable Petroleum = 9.2%

Price Adjustment (per ton)	=	(396.000 - 386.000)	X	0.092
Price Adjustment (per ton)	=	+\$0.920 per ton		

Positive Price Adjustment number shall be added to original per gallon Bid Price.
Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

10.5 Payment

Payment for micro-surfacing shall be made at contract prices per net ton for the actual quantity of material placed by the Contractor and actual numbers of gallons of bituminous materials for fog seal (if used).

Payment for work zone traffic control and abrading the existing pavement markings shall be included in the payment for the number of tons of completed micro-surfacing

A delivery slip stating quantities of micro-surfacing shall accompany each shipment. An invoice listing the quantities of micro-surfacing in place shall be sent promptly by the contractor to the address indicated on the purchase order.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.6 Pre- Micro-surfacing Conference

The contractor shall schedule a Pre-Micro-surfacing Conference with the affected Resident Engineer within one month after award of the Contract and at least two weeks prior to the start of the micro-surfacing. Project level supervisors for both the owner agency and the Vendor should be present at this conference. At this conference the contractor shall present Certificates of Insurance evidencing compliance with the additional insurance requirements set forth in the INSURANCE clause, their proposed micro-surfacing schedule, equipment, pavement marking abrading plan, mix design, calibration, micro-surfacing procedure, and Work Zone Traffic Control plan to the State for approval. At least one week prior to the start of micro-surfacing, the Vendor shall coordinate the details of the project with the Resident Engineer.

10.7 Bonding Requirements – Micro-Surfacing

A Maintenance Bond is required for micro-surfacing projects in this IFB. Please see sample in Attachment 09 - Detailed Specifications – Liquid Bituminous Materials.

10.8 Supervision

The Department of Transportation shall provide supervision for the micro-surfacing operation, and pavement marking abrading if applicable. The Resident Engineer shall designate a Project Supervisor who shall be in responsible charge of the operation. All orders pertaining to Work Zone Traffic Control plan from the Project Supervisor to the contractor shall be binding on the contractor. The following portions of Section 105 - CONTROL OF WORK of the Standard Specifications shall apply to these projects: 105-01 STOPPING WORK, 105-08 COOPERATION BY THE CONTRACTOR, 105-15 CONTRACTOR'S RESPONSIBILITY FOR WORK.

10.9 Work Hours

Work shall not be permitted on Sundays and NYS Holidays. If a Contractor desires to work overtime on other days, they must obtain dispensation from NYS Department of Labor using NYS Department of Labor Form PW-30 (5/93).

10.9.1 Special Note - Overtime Dispensation Requests

All Overtime Dispensations will be sent to:

Hasib H. Khan

Pavement Program Engineer

Office of Transportation Maintenance, POD 54

NYS Department of Transportation

50 Wolf Road, Albany, NY 12232

Email: Hasibul.Khan@dot.ny.gov

Phone: 518-457-1572

Fax: 518-457-4203

The dispensations will be submitted for the entire contract period for 5-10hr days (with rain day Saturday) to cover all the project numbers awarded to the contractor within the resulting contract. Should a contractor needs additional dispensation beyond the one described above, they shall submit it to the Regional Director of Operations or the Regional designee as determined at the preconstruction meeting, for the Region they wish to submit special additional dispensation for.

10.10 Construction Details

The construction details shall comply with the requirements specified herein, including those appearing in the enclosed Attachment 09 - Detailed Specifications – Liquid Bituminous Materials. The project supervisor from the State shall have sole responsibility for determining compliance with the specifications. All orders given to the contractor regarding construction details shall be considered final.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.11 Special Note for Micro-surfacing

The Contractor will not be responsible for the initial conditioning of the existing pavement and shoulder surfaces as described in Section 402-3.05 of the NYSDOT Standard Specifications. Patching, joint repair, crack filling will be done by NYSDOT forces prior to the micro-surfacing, chip seal or paver placed surface treatment project. However, once work on the project begins, the Contractor is responsible for keeping the pavement and shoulders clean until the paving operations are completed, as per Section 633-3.01 of the NYSDOT Standard Specifications.

10.12 Restoration of Disturbed Areas

During the course of the work the vendor shall take reasonable care not to disturb areas outside the existing pavement. Any areas disturbed by the vendor shall be returned to their original condition at no expense to the State. Any and all debris generated as part of the work shall be removed by the Vendor upon completion of the project.

10.13 Damaged or Deficient Areas

Prior to acceptance and payment by the State for work under this contract, any placed pavement that ravels, delaminates, fails to properly cure, or is in any way defective shall be redone to the satisfaction of the State at the contractor's expense.

10.14 Work Zone Traffic Control

The contractor shall responsible for Work Zone Traffic Control. Traffic shall be controlled in accordance with Manual of Uniform Traffic Control Devices (MUTCD), Section 619-1 through 619-3 of the Standard Specifications as described herein including modifications to the Standard Specifications. The contractor shall submit a Work Zone Traffic Control Plan for approval to the Resident Engineer at the Pre-Work conference. For two-way roadways, Figures TAST-C1R, TAST-C2R, TAST-C3R, TAST-C4R, TAST-C5R, TAST-C7R, TAST-C1UL, TAST-C2UL, TAST-C3UL, TAST-C4U, TAST-C7UL, TAST-C1UH, TAST-C2UH, TAST-C3UH, and TAST-C7UH included in this document may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way roadways, Figures TAST-C5UL, TAST-C6UL, TAST-C8UL, TAST-C5UH, TAST-C6UH, and TAST-C8UH may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way Freeways or Expressways, Figures TAST-E1, TAST-E2, TAST-E3, TAST-E4, TAST-E5, TAST-E6, and TAST-E7 may be used as a basis for development of a Work Zone Traffic Control Plan.

All necessary flaggers for Work Zone Traffic Control shall be provided by the Contractor. For two-way roadways, a minimum of three flaggers shall be provided while the work operation is underway. One shall be stationed at each end of the applicable operation and one shall be stationed with the operation. For one-way roadways, a minimum of two flaggers shall be provided while work operation is underway.

One shall be stationed at the beginning of the applicable operation and one shall be stationed with the operation. The Contractor shall station flaggers such that communication is maintained between the flaggers. Hand signals, radios, pilot vehicles, or some other means of communication may be used subject to the approval of the Resident Engineer.

All costs of Work Zone Traffic Control as prescribed by this specification including flagging, temporary pavement marking and/or delineation, and construction signs, are to be included in the unit price bid. No separate payment shall be made.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.14.1 Permanent Construction Signs

The Contractor shall provide construction signs as specified in Section 619-1 through 619-3 of the Standard Specifications and in the MUTCD. At minimum the Contractor shall install the following permanent construction signs:

SIGN	MINIMUM SIZE	LOCATION
ROAD WORK NEXT _____ MILES	<u>G20-1</u> Conventional 36" x 18" Freeways 48" x 24"	On main line upstream of project in each direction
END ROAD WORK	<u>G20-2</u> Conventional 36" x 18" Freeways 48" x 24"	On main line after end of project in each direction
ROAD WORK AHEAD	<u>W20-1</u> Conventional 36" x 36" Freeways 48" x 48"	On main line in advance of the affected highway segment in each direction and on major intersecting roads 300 -500 feet in advance of main line. Sign should be covered if it conflicts with temporary signing in the vicinity. (Place between the G20-1 and the first warning sign that states condition- i.e. W8-12, W8-9 or W8-15)
DO NOT PASS	<u>R4-1</u> Conventional 24" x 30"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign at or within 100 feet of the beginning of the unmarked area, second within 1,000 feet and subsequent signs, spaced every ½ mile along project in each direction
NO CENTER LINE	<u>W8-12</u> Conventional 36" x 36"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign in advance of the condition and the first "DO NOT PASS" sign: 300' urban is preferred (100' minimum), 500' rural is preferred (200' minimum). Place additional signs spaced every 2 miles on mainline in each direction and after every major intersecting road.
LOW SHOULDER	<u>W8-9</u> Conventional 36" x 36" Freeways 48" x 48"	Place on mainline spaced every 2 miles along project in each direction and after every major intersecting road until shoulder back-up is installed (if conditions warrant use, place between the W8-12 and R4-1, maintaining a minimum of 200' between signs for rural roads and 100' on urban. The W8-12 can be moved upstream to accommodate the required spacing.)
GROOVED PAVEMENT	<u>W8-15</u> Conventional 36" x 36" Freeways 48" x 48"	On any roadway 500 feet in advance of rebates milled under this contract, but not paved. Remove or cover after paving rebate.

**All signs should maintain an absolute minimum spacing of 200' rural or 100' urban. 500' is preferred on rural and 300' is preferred on urban. Double stacking of any of the above signs, or combination thereof, will NOT be permitted.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

Major intersecting roads are defined as through State, County, Town, Village, or City roads. The Contractor may provide Portable signs as shown in Figure 6F-2 of the MUTCD and meeting the requirements of Section 619 of the Standard Specifications for lane closures during work hours. Signs left active at night shall be rigid and reflectorized in accordance with the Standard Specifications.

With prior permission of the State's Resident Engineer, the Vendor may provide portable signs as shown in Figure 6F-2 of the MUTCD for the above referenced DO NOT PASS and NO CENTER LINE signs. The Contractor shall be responsible for assuring that these signs will be in their upright, visible positions twenty-four hours a day, seven days a week while 2' X 4" temporary yellow markings are used instead of full barrier pavement markings

10.14.2 Temporary Pavement Markings

The Contractor shall install and maintain temporary pavement markings on any paved surface without permanent pavement markings before opening it to traffic, before nightfall or before the end of the work day, whichever comes soonest except for areas that are open during the work shift with channelizing devices or flaggers. Temporary pavement markings shall meet the requirements of Section 619 of the Standard Specifications except that two-lane, two-way highways may be left without full barrier centerlines in no passing zones for a maximum of 7 calendar days provided that NO CENTER LINE (W8-12, black on orange), NO PASSING ZONE (W14-3, black on orange pennant shaped sign), and DO NOT PASS (R4-1) signs are used consistent with the MUTCD and in conjunction with yellow 2 foot by 4 inch temporary markings consisting of retroreflective removable pavement marking tape, paint or yellow temporary overlay markers installed on a 40 ft. cycle to delineate the centerline location.

The State is responsible for the final pavement markings unless otherwise indicated in the contract. If the vendor chooses to install NO CENTER LINE and DO NOT PASS signs and temporary yellow 2 foot by 4 inch pavement markings in lieu of full barrier centerline markings, the signs shall be left in place until the state has completed installing the final pavement markings. The state will normally complete final pavement markings within 7 days of the project completion. However, if unavoidable situations delay the pavement marking installation the signs shall remain in place for 14 calendar days after the project has been completed or until the state has completed installing the final pavement markings, whichever comes first. If permanent pavement marking cannot be installed within 14 days of the project completion, state must install interim pavement marking including center lines, edge lines, stop bars, and simple crosswalks with no hatching before the end of 14 days after project completion.

All costs for Work Zone Traffic Control including flagging, temporary pavement markings, delineation, and construction signs are to be included in the prices bid per ton or square yard as applicable.

10.14.3 Abrading Existing Pavement Markings

The Contractor shall remove any epoxy or thermoplastic pavement markings. Other markings shall be removed as ordered by the Resident Engineer. Care shall be taken to avoid damage to passing traffic. All damage to passing traffic caused by the Contractor's operations shall be the Contractor's responsibility. Waste material generated by the abrading operation shall be cleaned up and disposed of by the Vendor.

When the Contractor abrades the existing pavement markings, the Contractor shall place temporary pavement markings as specified elsewhere in this Invitation for Bids under Work Zone Traffic Control, unless the paving material will be placed the same day as pavement markings are abraded. The Contractor shall make every effort to expeditiously place the paving material in areas where pavement markings have been abraded and temporary pavement markings are in place. Under no circumstances will temporary pavement markings be allowed for more than five calendar days in areas where pavement markings have been abraded. In this event, the Contractor shall be required to place full pavement markings at no cost to the state. During the pavement markings abrading operation, traffic will be controlled by the Contractor in accordance with the Work Zone Traffic Control requirements included herein. The Contractor shall submit a proposed Traffic Control Plan to the Resident Engineer for approval. The plan may be based on the Work Zone Traffic Control drawings included in this Invitation for Bids.

Payment for pavement marking abrading shall be included in the price bid per ton of micro-surfacing. No separate payment shall be made.

SECTION 9: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.14.4 Special Note: Work Zone Intrusion Initiative

As part of the Department of Transportation's Work Zone Intrusion Initiative, the following countermeasures shall apply to this Invitation for Bids.

Channelizing Device Spacing Reduction

A maximum channelizing device spacing of 40 ft. shall be provided at work sites where workers are exposed to traffic. This spacing shall be maintained a reasonable distance upstream of workers, and shall be used throughout the work zone.

Where tapers are located less than 500 ft. from the work site, the 40-ft. spacing shall be used in the tapers as well.

Drums or vertical panels are preferred for intermediate to long-term stationary work zones, and at any locations where the risk of intrusion is high. Traffic cones are normally adequate for work zones set up and removed on a daily basis.

In long lane or shoulder closures, at least two channelizing devices shall be placed transversely at maximum 800 ft. intervals to discourage traffic from driving through the closed lane. Transversely placed devices are not required where pilot car are in use.

Frequent checks shall be made to reset channelizing devices dislodged by traffic.

Flagger Station Enhanced Setups

Additional cones and a flag tree meeting Section 6F.62 of the MUTCD shall be used upstream of flagger stations to provide added warning to drivers. These devices shall be used for flagger stations except those that are constantly moving or are in use at one location for no more than a few minutes. If the W20-7a Flagger sign is used, the additional cones and flag tree shall also be used.

For additional details on Flagger Station Enhanced Setups, see Work Zone Traffic Control drawings in this Invitation for Bids.

Temporary Rumble Strips

a. Description

This work shall consist of the installation, maintenance and subsequent removal of temporary rumble strips in paving work zones where indicated in the Invitation for Bids or as directed by the Engineer.

b. Materials

Rumble strips shall be either constructed in place from a raised strip of asphalt concrete or constructed in place with removable pavement marking tape. Raised removable tape rumble strips shall be formed by applying four layers of removable black non-reflectorized removable pavement marking tape. The tape shall be applied to a clean, dry pavement surface in accordance with the manufacturer's recommendations. The pavement surface shall be cleaned with compressed air just prior to application of the tape. Raised asphalt rumble strips shall be formed from hot mix asphalt meeting the requirements of Items 402.058903 or 402.098903. Tack coat meeting the requirements of Materials Designation 702-XXXXT Asphalt Emulsion Diluted Tack Coat shall be used to adhere the rumble strip to the existing pavement. Temporary rumble strips shall be formed using a specially constructed rumble strip paver (drag box) pulled transversely across the pavement, or by hand placement between forms fixed to the pavement. If forms are used, they shall be removed prior to compaction of the asphalt mixture. Compaction shall be accomplished using a plate tamper or a static roller. The roadway surface on which the rumble strips are to be attached shall be dry, free of surface contaminants such as dust or oil, and shall be 45°F or greater unless otherwise authorized by the Engineer. The pavement surface shall be cleaned with compressed air just prior to tack coating and subsequent installation of rumble strips.

Temporary rumble strips shall be placed in a succession of three 6-Strip Patterns according to the attached "Suggested Layout Details - Temporary Rumble Strips". Each strip shall be placed on 10 foot centers and traversing the full width of each travel lane. On curbed roadways, rumble strips shall end a minimum of 3 feet from the curb so as to not interfere with drainage. Rumble strips shall be between 6 inches and 9 inches in width and have a final compacted thickness of 0.4 inches \pm 0.1 inches.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

Any raised rumble strips that fail to adhere to the pavement, or become damaged or flattened such that, in the opinion of the Engineer, they are no longer performing their intended function, shall be replaced or repaired by the Contractor to the satisfaction of the Engineer. Any associated damage to the pavement shall also be repaired by the Contractor to the satisfaction of the Engineer. These replacements or repairs shall be made at no additional expense to the Purchasing Agency.

When directed by the Engineer, (e.g., prior to the start of the winter plowing season), or prior to the placement of successive pavement courses, the Contractor shall completely remove the rumble strips from the pavement. Rumble strips shall be removed upon completion of work and concurrently with the removal of other temporary traffic control signs and devices. Any pavement that is damaged in the process of removing the rumble strips shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the Purchasing Agency.

c. Basis of Payment

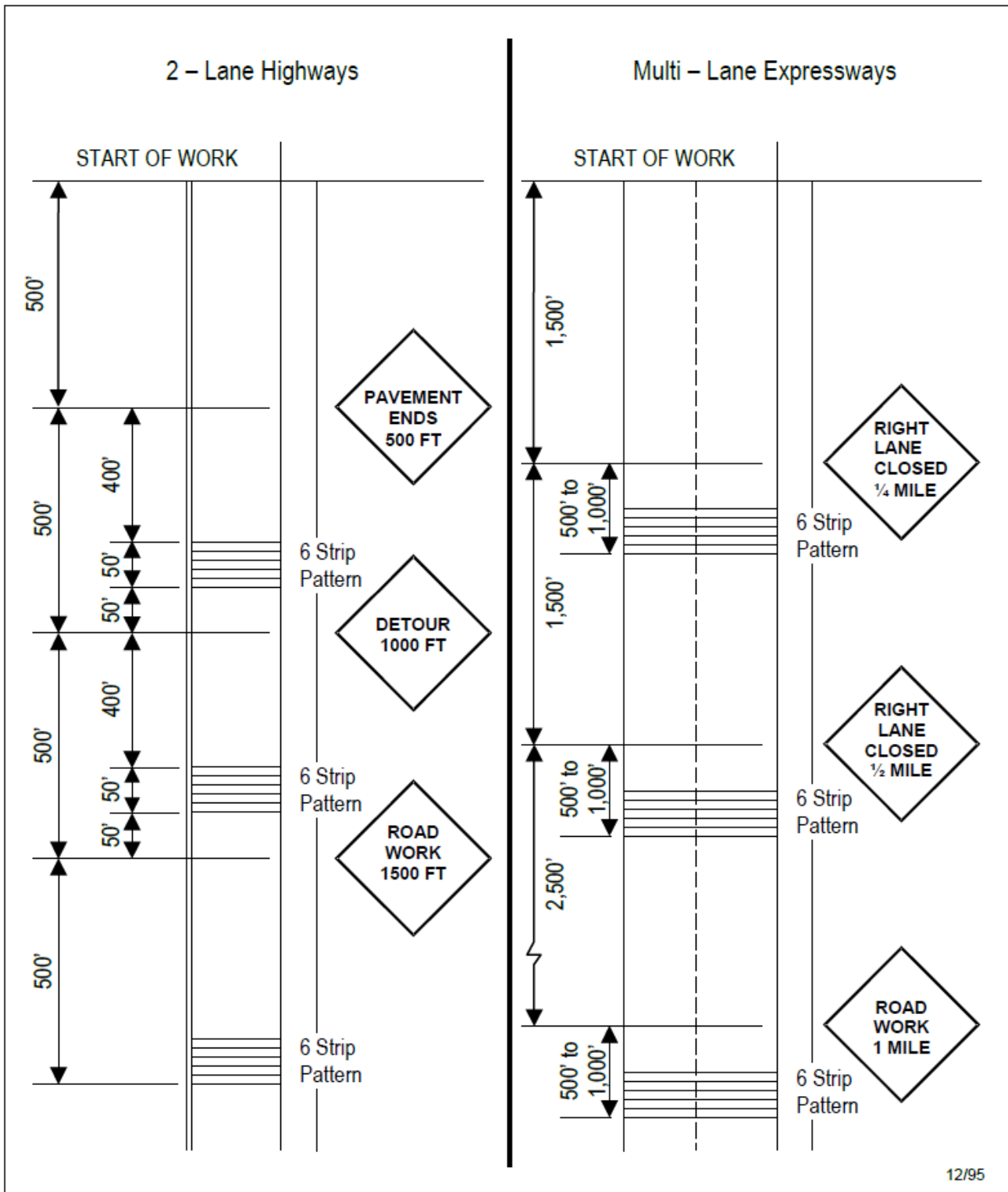
All costs for the installation, maintenance and removal of temporary rumble strips are included in the price per ton or square yard as appropriate. No separate payment shall be made.

d. Suggested Layout Details Drawing-- Temporary Rumble Strips

See the Suggested Layout Details Drawing in the **next page**.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

Suggested Layout Details -- Temporary Rumble Strips



SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.15 Special Notes – Micro-surfacing

10.15.1 Funding Source (Micro-surfacing)

Project 5V1725 and 6V1747 will be funded by Federal Aid.

Projects 400570, 403100, 403626, and 402130 are 100% State funded.

10.15.2 Special Note – Rail Road Involvement in 100% State funded projects

Bidders are advised that there may be active at grade railroad crossings within the limits of projects in this Invitation for Bids. The following at grade railroad crossings have been identified, but there may be others within the limits of these projects that have not been identified:

Project Number	County	Route	Rail Road Name	Location
403626	Livingston	408	Rochester Southern Railway	RM 408 4203 1182 Crossing # 264597B - MP 18.63
402130	Ontario	21	Finger Lakes Railway	RM 21 4405 3054 Crossing # 362612V - MP 359.60

At the identified at grade crossings, and any other active at grade railroad crossings encountered on the projects in this Invitation for Bids, the contractor shall coordinate with the corresponding Rail Road as per follows:

COORDINATION WITH RAILROAD(S)

The Contractor shall note that this project may require close coordination with a railroad and railroad protective flagging services

Description

The Contractor shall conduct its work and handle its equipment such that no part of any material or equipment shall foul a track, catenary, electrical facility or signal facility without written permission from the chief engineer of the railroad company(s) affected. A track is fouled when any object is brought within 7.62 M (25') of the centerline of the track or the nearest point of a railroad's catenary, electrical facility or signal facility.

Construction Details

In the event the Contractor's work does foul a railroad facility the Contractor shall obtain a permit in order to enter railroad property and to cover the costs of the railroad's force account services. The Contractor will not be allowed to enter onto the railroad's property to perform contract work, nor will the railroad provide services occasioned by the Contractor's operations unless the Contractor notifies the Railroad and receives the railroad's prior approval. A railroad will not provide any services necessitated by the Contractor's operations until the permit is obtained. These railroad's costs will include, but may not be limited to costs incurred by the railroad to provide flaggers, spotters, engineering services, administrative services, construction inspection, or other labor, material or equipment necessary to provide a safe environment for both the Contractor's and Railroad's forces.

The Contractor is advised that a railroad may not be able to provide flag persons on a daily basis due to the railroad's operational necessities. The Contractor shall coordinate and schedule his construction activities with the railroad's engineer no later than two weeks prior to the start of the work, in consultation with the State's Engineer-in-Charge, so that a workable schedule can be formulated and agreed upon. In addition to the above, the Contractor shall also comply with the current Standard Specifications §105-09 WORK AFFECTING RAILROADS.

Basis of Payment

All costs incurred by the contractor to comply with the requirements in this Special Note shall be included in the price bid per ton of micro-surfacing. No extra payment shall be made.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.15.3 NYSDOT Region 4 General Special Notes (Micro-surfacing)

1. Prior to the start of work, the contractor shall inventory all pavement markings and provide the engineer with a copy of the inventory. As part of a pavement marking program update, the Regional Traffic and Safety group is reviewing all pavement markings within the limits of paving projects. Upon their review, there may need to be adjustments to the pavement marking layout. The contractor shall be responsible for completing striping layout, including changes as indicated by the Regional Traffic and Safety Group.
2. The installation of temporary rumble strips at the beginning of each project work zone shall be at the discretion of the engineer.

10.15.4 NYSDOT Region 4 Project Specific Notes (Micro-surfacing)

Project 400570 – Genesee County (Rte. 5)

1. This project requires the use of a pilot vehicle during alternating one way traffic control setups. The pilot vehicle shall have a G20-4, 36" x 18" sign attached to the back of the vehicle. Pilot vehicle shall have display the name of the contractor on the side of the vehicle. Cost for the Pilot Vehicle shall be included in micro surfacing price per ton.
2. Approximately 2.4 centerline miles of Route 5 within the project limit have Centerline Audible Roadway Delineators (CARD's) contractor shall shim CARD's prior to scratch course with 2' wide pass of micro surface Item# 413.02020118. Shim Course will be paid under Item# 413.02020118, actual tons placed for shim course including Work Zone Traffic Control.
3. Abrading of pavement centerline, fog line, special markings including Work Zone Traffic Control shall be included in the bid price for Item# 413.02020118.
4. This project is a micro surfacing project. Work shall involve micro-surfacing only the travel lanes.
5. No work shall be allowed on this project during the Genesee County Fair, in July 2017. Specific dates for the 2017 fair are not know at this time.

Project 403100 – Orleans County (Rte. 31)

1. This project is a micro surfacing project. Work shall involve micro-surfacing only the travel lanes.
2. Route 31 within the project limit has Centerline Audible Roadway Delineators (CARD's). Contractor shall shim CARD's prior to scratch course with 2' wide pass of micro surface Item# 413.02020118. Shim Course will be paid under Item# 413.02020118, actual tons placed for shim course including Work Zone Traffic Control.

Project 403626 – Livingston County (Rte. 36/408)

1. Microsurfacing on Rte. 408 in the two lane section from the RR tracks to I-390 will only treat the travel lanes.
2. Microsurfacing within the village shall be from curb to curb.
3. Time Restrictions
 - a. No work allowed Friday before the Italian Fest in August, Dates TBD
 - b. No work allowed the Friday before Columbus Day weekend.
 - c. No work allowed Monday July 3.
 - d. (Confirm others with T&S for daily closures or other restrictions)
4. There is an at grade RR crossing at RM 408 4203 1182, Crossing # 264597B - Mile Post 18.63. The contractor will coordinate with the RR prior to working at this location. The RR owner is Rochester Southern Railroad and their contact is Al Stone, (585) 329-1174.
5. There is concrete pavement within the Village of Mt. Morris Business district. No work shall be completed within the concrete section. Approximate mile markers are as follows:
 - a. 408 4203 1175 to 408 4203 1176
 - b. 36 4202 1171 to 36 4202 1173

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

Project 402130 – Ontario County (Rte. 21)

1. From RM 21 4405 3000 to 3002 and 3046 to 3063 the microsurfacing will be applied to the full pavement width from curb to curb. From MM 21 4405 3002 to 3046 the microsurfacing will be applied to the travel lanes only.
2. There is an at grade RR crossing at RM 21 4405 3054, Crossing # 362612V - MP 359.60. The contractor will coordinate with the RR prior to working at this location. The RR is the Finger Lakes Railway and their contact is Mr. Gadsby, (315) 374-5792.

10.15.5 NYSDOT Region 5 Special Notes (Micro-surfacing)

Pavement Markings:

It shall be the contractor's responsibility to inventory and document the existing pavement marking patterns prior to milling and/or resurfacing and submit to the Engineer a copy of the inventory prior to beginning work. The contractor shall be responsible for completing all layout work necessary for the installation of all final pavement markings. If the original markings are obliterated, the contractor shall contact the resident engineer for guidance on their location.

Time Restrictions:

All Region 5 Projects shall follow the time restrictions outlined in the "Work Zone Traffic Control - for Design/Construction on State Highways in Region 5" available on the NYSDOT website or thru the Regional Transportation Systems Operations group excepting those projects listed on the Region 5 project specific special notes.

Project 5V1725

All pavement markings shall be removed prior to microsurfacing. Any fresh patches (same season) shall also be covered with fog seal prior to microsurfacing application.

10.15.6 NYSDOT Region 6 Special Notes (Micro-surfacing)

No work shall be permitted, to minimize travel delays associated with major holidays, during the following periods:

- Friday, May 26, 2017-sunrise, Tuesday, May, 30, 2017.
- Friday, June 30, 2017- sunrise, Wednesday, July 5, 2017.
- Friday, September 1, 2017- sunrise, Tuesday, September 5, 2017.

The Region requests all Preconstruction paperwork be submitted electronically as .pdf files to Jacob.Roloson@dot.ny.gov prior to the preconstruction meeting, or all documentation be brought to the Preconstruction meeting electronically as .pdf files on a CD or USB "thumb" drive that will not be returned to the contractor.

In lieu of longitudinal cones full project length between open and closed lanes of traffic, the contractor may elect to substitute, when using pilot vehicles, use of cones placed transversely across the closed lane at intervals per section 619-3.02 J.2 (every 800') and at strategic locations, such as intersections and driveways.

All Region 6 Micro-Surfacing projects shall be completed no later than October 31, 2017. A schedule reflecting this shall be submitted before start of work to the Region's ARDO, Jacob Roloson, for approval.

Paint is the only option permitted in Region 6 for temporary and interim pavement markings, unless approved on a case by case basis by the Resident Engineer. Offset the centerline temporary/interim pavement markings so that the permanent markings will cover up the temporary/interim markings, as follows: 8" centerline offset for 2 lane roads, 6" centerline offset for multi-lane roadways.

SECTION 10: MICRO-SURFACING – SPECIFIC PROJECTS (Cont'd)

10.16 Detailed Specifications – Micro-surfacing

Please, see Attachment 09 – Detailed Specifications – Liquid Bituminous Materials

10.16.1 Project Dimensions - Micro-surfacing

Information on pavement widths for projects in this Invitation for Bids is listed for informational purposes only. The dimensions listed are the best information available, but 100% accuracy is not guaranteed. Bidders should visit the project site to confirm the dimensions given and familiarize themselves with the project particulars before submitting a bid. The Department assumes no responsibility for erroneous information listed herein.

The pavement width listed is the total width of all the travel lanes only.

The shoulder width is for one shoulder only.

Project Number	Item	Travel Lanes Width (feet) (total)	Lane Width (feet) (one lane)	Shoulder Width (feet) (one shoulder)	Number of Lanes
400570	413.02020118	28	14	-	2
403100	413.02020118	22	11	-	2
403626	413.02020118	Varies 22-48	Varies 11-12	Varies 4-8	Varies 2-4
402130	413.02020118	24	12	Varies 6-10	2+Turn Lanes
5V1725	413.02020118	24-52	10-12	-	2-5
6V1747	413.02020118	24-48	12	8-10	2-4

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJECTS

11.1 Introduction

Conventional and Rubber Modified Paver Placed Surface Treatment is a preventive maintenance treatment used to preserve highway pavements. The treatment is a surface paving system, placed by a self-priming paver, where a modified emulsion tack coat is placed directly before the application of a conventional or rubber modified hot mix asphalt wearing course.

11.2 Method of Award

There is to be one award for each project. Bidders may bid on one or more projects.

Award shall be by PRICE PER TON per OGS Project to the lowest responsive and responsible bidder.

The State reserves the right to reject an obviously unbalanced bid or to make "NO AWARD" on individual projects if individual bid prices are deemed to be unbalanced or excessive or if an error in the solicitation becomes evident. The determination of an unbalanced bid shall be at the sole discretion of the State. Options contained in this paragraph shall also be at the State's sole discretion.

11.3 Pricing Information

11.3.1 General

Clause 13b of Appendix B, the General Specifications has been modified to include the following:

Price quoted for Paver Placed Surface Treatment shall be net per ton, furnished, heated, delivered, and applied with contractor's equipment totally by the contractor at locations indicated herein. The price bid per ton for the Paver Placed Surface Treatment shall also include abrading the existing pavement markings and the provision of Work Zone Traffic Control as indicated elsewhere in this Invitation for Bids.

The Contractor is to furnish all necessary labor and equipment to complete the indicated projects except that the State will supervise and control the operations. Permanent pavement marking will be the responsibility of the State upon completion of the project as indicated herein. The equipment supplied to place the material(s) shall appear on the Department's approved list. All necessary operators shall be supplied along with the appropriate equipment.

11.3.2 Insurance

Price bid shall include all required insurance coverage costs. In particular, price shall include:

- Commercial General Liability Insurance with a limit of not less than \$2,000,000 each occurrence;
- Comprehensive Business Automobile Liability Insurance with a limit of not less than \$2,000,000 each accident;
- Owners and Contractors Protective Insurance Coverage (OCP) with a limit of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.

Each requirement should be reviewed carefully. (Please see the Attachment 04 – Insurance Requirements for detailed insurance requirements.)

Owners and Contractors Protective Insurance Coverage (OCP)

The contractor must supply the OCP Insurance to the Resident Engineer at the Pre-Paving Conference.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.4 Asphalt Price Adjustments

11.4.1 General

- a. Asphalt price adjustments allowed will be based on the October 2016 average of the F.O.B. terminal price per ton of unmodified PG 64S-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specifications.

The October 2016 average is \$386.000 per ton

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation pre-approved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal **price shall not be recalculated.**

- b. The new average F.O.B. terminal price will be determined based on the above F.O.B. terminal prices posted on the 20th of each month, hereafter known as the “Adjustment Date”, during the contract period. However, asphalt price adjustments, in accordance with the formula below, will be effective for deliveries made on and after the first of the month following the adjustment date.
- c. The unit prices of liquid bituminous materials purchased from any award based on this specification will be subject to adjustment based on the following formula:

Price Adjustment (Per Ton)	=	$\left(\begin{array}{c} \text{New Monthly Average} \\ \text{F.O.B. Terminal Price} \end{array} - \begin{array}{c} \text{Base Average F.O.B.} \\ \text{Terminal Price} \end{array} \right)$	X	Total Allowable Petroleum %
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Positive Price Adjustment number shall be added to original per gallon Bid Price.
 Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

New Monthly Average F.O.B. Terminal Price

The average F.O.B. terminal price for unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

Base Average F.O.B. Terminal Price

The average F.O.B. terminal price of unmodified PG 64S-22 binder without anti-stripping agent is as determined by the New York State Department of Transportation as of October 2016.

Total Allowable Petroleum

The percentage of total allowable petroleum for each item is as follows:

Item #	Asphalt %	Petroleum Allowance %	Total Allowable Petroleum %
415.0X0F0118	6.5	1.0	7.5
415.0X0F0118R	6.5	1.0	7.5

Asphalt Price Adjustments will not be allowed for materials which do not have an asphalt cement base.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

- d. Work performed after the expiration of the contract, where no extension has been granted, resultant from purchase orders placed prior to expiration of the contract will receive the Asphalt Price Adjustments applicable in effect during the last month of the contract.

Asphalt Price Adjustments for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.
- e. Asphalt price adjustments allowed by this contract shall be calculated and applied to the original prices. There will not be asphalt price adjustments unless the change amounts to more than \$0.100 per ton/\$0.010 per gallon as applicable from the original price. In these instances, prices will revert back to the original prices.
- f. All Asphalt Price Adjustments will be computed to three decimal places.
- g. Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the Contractor to terminate any contract resulting from this bid opening.
- h. All asphalt price adjustments shall be published by the State and issued to all contract holders whose responsibility will be to attach the appropriate State notification (based on when the work was performed) to the payment invoice submitted to agency

11.4.2 Asphalt Price Adjustment: Example

This example is for illustration purposes only. Actual Base Average Price, etc., may vary:

Item 18403.221101
Base Average Price = \$386.000
New Average Price = \$396.000
% Total Allowable Petroleum = 7.5%

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per ton)} \\ \hline \end{array} = \begin{array}{|c|} \hline (396.000 - 386.000) \\ \hline \end{array} \times \begin{array}{|c|} \hline 0.075 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline \text{Price} \\ \text{Adjustment} \\ \text{(per ton)} \\ \hline \end{array} = \begin{array}{|c|} \hline +\$0.750 \text{ per ton} \\ \hline \end{array}$$

Positive Price Adjustment number shall be added to original per gallon Bid Price.
Negative Price Adjustment number shall be subtracted from original per gallon Bid Price.

11.5 Payment

Payment for Paver Placed Surface Treatment shall be made at contract prices per ton for the actual quantity of tons placed by the Contractor. Payment for work zone traffic control and abrading the existing pavement markings shall be included in the payment per ton for the Paver Placed Surface Treatment.

A delivery slip stating quantities of hot mix asphalt concrete for paver placed surface treatment shall accompany each shipment. An invoice listing the quantities of paver placed surface treatment in place shall be sent promptly by the contractor to the address indicated on the purchase order.

SECTION 10: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.6 Pre-Paver Placed Surface Treatment Conference

The Contractor shall schedule a Pre-Paver Placed Surface Treatment Conference with the affected Resident Engineer within one month after award of the Contract and at least two weeks prior to the start of the Paver Placed Surface Treatment. Project level supervisors for both the state and the contractor shall be present at this conference.

At this conference the contractor shall present their proposed Paver Placed Surface Treatment schedule, equipment, pavement marking abrading plan, Paver Placed Surface Treatment procedure, and Work Zone Traffic Control plan to the State for approval. At least one week prior to the start of the Paver Placed Surface Treatment, the contractor shall coordinate the details of the project with the Resident Engineer.

11.7 Supervision

The Department of Transportation shall provide supervision for the paving operation, and pavement marking abrading if applicable. The Resident Engineer shall designate a Project Supervisor who shall be in responsible charge of the operation. All orders pertaining to Work Zone Traffic Control plan from the Project Supervisor to the contractor shall be binding on the contractor. The following portions of Section 105 - CONTROL OF WORK of the Standard Specifications shall apply to these projects: 105-01 STOPPING WORK, 105-08 COOPERATION BY THE CONTRACTOR, 105-15 CONTRACTOR'S RESPONSIBILITY FOR WORK.

11.8 Work Hours

Work shall not be permitted on Sundays and NYS Holidays. If a Contractor desires to work overtime on other days, they must obtain dispensation from NYS Department of Labor using NYS Department of Labor Form PW-30 (5/93).

11.8.1 Special Note - Overtime Dispensation Requests

All Overtime Dispensations will be sent to:

Hasib H. Khan

Pavement Program Engineer
Office of Transportation Maintenance, POD 54
NYS Department of Transportation
50 Wolf Road, Albany, NY 12232

Email: Hasibul.Khan@dot.ny.gov

Phone: 518-457-1572

Fax: 518-457-4203

The dispensations will be submitted for the entire contract period for 5-10hr days (with rain day Saturday) to cover all the project numbers awarded to the contractor within the resulting contract. Should a contractor needs additional dispensation beyond the one described above, they shall submit it to the Regional Director of Operations or the Regional designee as determined at the preconstruction meeting, for the Region they wish to submit special additional dispensation for.

11.9 Construction Details

The construction details shall comply with the requirements specified herein, including those appearing in the enclosed Attachment 09 - Detailed Specifications – Liquid Bituminous Materials. The paving supervisor shall have sole responsibility for determining compliance with the specifications. All orders given to the contractor regarding construction details shall be considered final.

11.10 Special Note for Paver Placed Surface Treatment Projects

The Contractor will not be responsible for the initial conditioning of the existing pavement and shoulder surfaces as described in Section 402-3.05 of the NYSDOT Standard Specifications. Patching, joint repair, crack filling will be done by NYSDOT forces prior to the micro-surfacing, chip seal or paver placed surface treatment project. However, once work on the project begins, the Contractor is responsible for keeping the pavement and shoulders clean until the paving operations are completed, as per Section 633-3.01 of the NYSDOT Standard Specifications.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.11 Restoration of Disturbed Areas

During the course of the work the vendor shall take reasonable care not to disturb areas outside the existing pavement. Any areas disturbed by the vendor shall be returned to their original condition at no expense to the State. Any and all debris generated as part of the work shall be removed by the Vendor upon completion of the project.

11.12 Damaged or Deficient Areas

Prior to acceptance and payment by the State for work under this contract, any placed pavement that ravels, delaminates, fails to properly cure, or is in any way defective shall be redone to the satisfaction of the State at the contractor's expense.

11.13 Paver Placed Surface Treatment Overlay Splices

The contractor shall construct Paver Placed Surface Treatment Overlay Splices (commonly known as rebates) as per the enclosed detail Paver Placed Surface Treatment Overlay Splices (see below). The locations of the Overlay Splices shall be as specified in the Table of Paver Placed Surface Treatment Overlay Splices. All costs to construct the Paver Placed Surface Treatment Overlay Splices, including the costs for cutting the existing pavement, milling the Overlay Splices, cleaning the pavement in the Overlay Splice area, and Controlling Traffic, shall be included in the price bid per ton for the Paver Placed Surface Treatment. No separate payment shall be made.

11.14 Work Zone Traffic Control

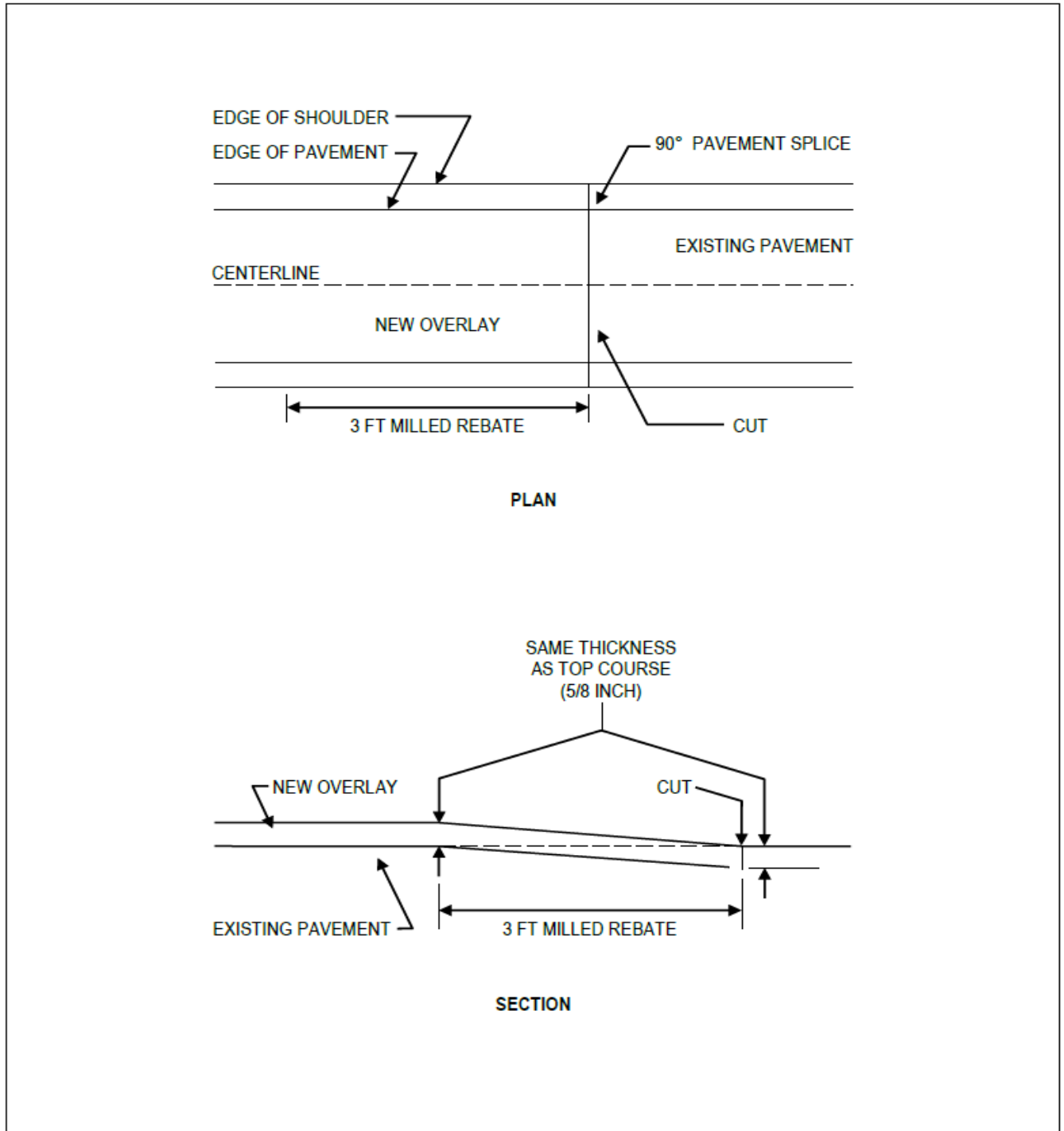
The contractor shall be responsible for Work Zone Traffic Control. Traffic shall be controlled in accordance with Manual of Uniform Traffic Control Devices (MUTCD), Section 619-1 through 619-3 of the Standard Specifications as described herein including modifications to the Standard Specifications. The contractor shall submit a Work Zone Traffic Control Plan for approval to the Resident Engineer at the Pre-Work conference. For two-way roadways, Figures TAST-C1R, TAST-C2R, TAST-C3R, TAST-C4R, TAST-C5R, TAST-C7R, TAST-C1UL, TAST-C2UL, TAST-C3UL, TAST-C4U, TAST-C7UL, TAST-C1UH, TAST-C2UH, TAST-C3UH, and TAST-C7UH included in this document may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way roadways, Figures TAST-C5UL, TAST-C6UL, TAST-C8UL, TAST-C5UH, TAST-C6UH, and TAST-C8UH may be used as a basis for development of a Work Zone Traffic Control Plan. For one-way Freeways or Expressways, Figures TAST-E1, TAST-E2, TAST-E3, TAST-E4, TAST-E5, TAST-E6, and TAST-E7 may be used as a basis for development of a Work Zone Traffic Control Plan.

All necessary flaggers for Work Zone Traffic Control shall be provided by the Contractor. For two-way roadways, a minimum of three flaggers shall be provided while the work operation is underway. One shall be stationed at each end of the applicable operation and one shall be stationed with the operation. For one-way roadways, a minimum of two flaggers shall be provided while work operation is underway. One shall be stationed at the beginning of the applicable operation and one shall be stationed with the operation. The Contractor shall station flaggers such that communication is maintained between the flaggers. Hand signals, radios, pilot vehicles, or some other means of communication may be used subject to the approval of the Resident Engineer.

All costs of Work Zone Traffic Control as prescribed by this specification including flagging, temporary pavement marking and/or delineation, and construction signs, are to be included in the unit price bid. No separate payment shall be made.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

Paver Placed Surface Treatment Overlay Splice:



SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.14.1 Permanent Construction Signs

The Contractor shall provide construction signs as specified in Section 619-1 through 619-3 of the Standard Specifications and in the MUTCD. At minimum the Contractor shall install the following permanent construction signs:

SIGN	MINIMUM SIZE	LOCATION
ROAD WORK NEXT _____ MILES	<u>G20-1</u> Conventional 36" x 18" Freeways 48" x 24"	On main line upstream of project in each direction
END ROAD WORK	<u>G20-2</u> Conventional 36" x 18" Freeways 48" x 24"	On main line after end of project in each direction
ROAD WORK AHEAD	<u>W20-1</u> Conventional 36" x 36" Freeways 48" x 48"	On main line in advance of the affected highway segment in each direction and on major intersecting roads 300 -500 feet in advance of main line. Sign should be covered if it conflicts with temporary signing in the vicinity. (Place between the G20-1 and the first warning sign that states condition- i.e. W8-12, W8-9 or W8-15)
DO NOT PASS	<u>R4-1</u> Conventional 24" x 30"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign at or within 100 feet of the beginning of the unmarked area, second within 1,000 feet and subsequent signs, spaced every ½ mile along project in each direction
NO CENTER LINE	<u>W8-12</u> Conventional 36" x 36"	If 2'x 4" temporary yellow markings are used instead of full barrier centerline pavement markings, place the first sign in advance of the condition and the first "DO NOT PASS" sign: 300' urban is preferred (100' minimum), 500' rural is preferred (200' minimum). Place additional signs spaced every 2 miles on mainline in each direction and after every major intersecting road.
LOW SHOULDER	<u>W8-9</u> Conventional 36" x 36" Freeways 48" x 48"	Place on mainline spaced every 2 miles along project in each direction and after every major intersecting road until shoulder back-up is installed (if conditions warrant use, place between the W8-12 and R4-1, maintaining a minimum of 200' between signs for rural roads and 100' on urban. The W8-12 can be moved upstream to accommodate the required spacing.)
GROOVED PAVEMENT	<u>W8-15</u> Conventional 36" x 36" Freeways 48" x 48"	On any roadway 500 feet in advance of rebates milled under this contract, but not paved. Remove or cover after paving rebate.

**All signs should maintain an absolute minimum spacing of 200' rural or 100' urban. 500' is preferred on rural and 300' is preferred on urban. Double stacking of any of the above signs, or combination thereof, will NOT be permitted.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

Major intersecting roads are defined as through State, County, Town, Village, or City roads. The Contractor may provide Portable signs as shown in Figure 6F-2 of the MUTCD and meeting the requirements of Section 619 of the Standard Specifications for lane closures during work hours. Signs left active at night shall be rigid and reflectorized in accordance with the Standard Specifications.

With prior permission of the State's Resident Engineer, the Vendor may provide portable signs as shown in Figure 6F-2 of the MUTCD for the above referenced DO NOT PASS and NO CENTER LINE signs. The Contractor shall be responsible for assuring that these signs will be in their upright, visible positions twenty-four hours a day, seven days a week while 2' X 4" temporary yellow markings are used instead of full barrier pavement markings

11.14.2 Temporary Pavement Markings

The Contractor shall install and maintain temporary pavement markings on any paved surface without permanent pavement markings before opening it to traffic, before nightfall or before the end of the work day, whichever comes soonest except for areas that are open during the work shift with channelizing devices or flaggers. Temporary pavement markings shall meet the requirements of Section 619 of the Standard Specifications except that two-lane, two-way highways may be left without full barrier centerlines in no passing zones for a maximum of 7 calendar days provided that NO CENTER LINE (W8-12, black on orange), NO PASSING ZONE (W14-3, black on orange pennant shaped sign), and DO NOT PASS (R4-1) signs are used consistent with the MUTCD and in conjunction with yellow 2 foot by 4 inch temporary markings consisting of retroreflective removable pavement marking tape, paint or yellow temporary overlay markers installed on a 40 ft. cycle to delineate the centerline location.

The State is responsible for the final pavement markings unless otherwise indicated in the contract. If the vendor chooses to install NO CENTER LINE and DO NOT PASS signs and temporary yellow 2 foot by 4 inch pavement markings in lieu of full barrier centerline markings, the signs shall be left in place until the state has completed installing the final pavement markings. The state will normally complete final pavement markings within 7 days of the project completion. However, if unavoidable situations delay the pavement marking installation the signs shall remain in place for 14 calendar days after the project has been completed or until the state has completed installing the final pavement markings, whichever comes first. If permanent pavement marking cannot be installed within 14 days of the project completion, state must install interim pavement marking including center lines, edge lines, stop bars, and simple crosswalks with no hatching before the end of 14 days after project completion.

All costs for Work Zone Traffic Control including flagging, temporary pavement markings, delineation, and construction signs are to be included in the prices bid per ton or square yard as applicable.

11.14.3 Abrading Existing Pavement Markings

The Contractor shall remove any epoxy or thermoplastic pavement markings. Other markings shall be removed as ordered by the Resident Engineer. Care shall be taken to avoid damage to passing traffic. All damage to passing traffic caused by the Contractor's operations shall be the Contractor's responsibility. Waste material generated by the abrading operation shall be cleaned up and disposed of by the Vendor.

When the Contractor abrades the existing pavement markings, the Contractor shall place temporary pavement markings as specified elsewhere in this Invitation for Bids under Work Zone Traffic Control, unless the paving material will be placed the same day as pavement markings are abraded. The Contractor shall make every effort to expeditiously place the paving material in areas where pavement markings have been abraded and temporary pavement markings are in place. Under no circumstances will temporary pavement markings be allowed for more than five calendar days in areas where pavement markings have been abraded. In this event, the Contractor shall be required to place full pavement markings at no cost to the state. During the pavement markings abrading operation, traffic will be controlled by the Contractor in accordance with the Work Zone Traffic Control requirements included herein. The Contractor shall submit a proposed Traffic Control Plan to the Resident Engineer for approval. The plan may be based on the Work Zone Traffic Control drawings included in this Invitation for Bids.

Payment for pavement marking abrading shall be included in the price bid per ton of paver placed surface treatment. No separate payment shall be made.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.14.4 Special Note: Work Zone Intrusion Initiative

As part of the Department of Transportation's Work Zone Intrusion Initiative, the following countermeasures shall apply to this Invitation for Bids.

Channelizing Device Spacing Reduction

A maximum channelizing device spacing of 40 ft. shall be provided at work sites where workers are exposed to traffic. This spacing shall be maintained a reasonable distance upstream of workers, and shall be used throughout the work zone.

Where tapers are located less than 500 ft. from the work site, the 40-ft. spacing shall be used in the tapers as well.

Drums or vertical panels are preferred for intermediate to long-term stationary work zones, and at any locations where the risk of intrusion is high. Traffic cones are normally adequate for work zones set up and removed on a daily basis.

In long lane or shoulder closures, at least two channelizing devices shall be placed transversely at maximum 800 ft. intervals to discourage traffic from driving through the closed lane. Transversely placed devices are not required where pilot car are in use.

Frequent checks shall be made to reset channelizing devices dislodged by traffic.

Flagger Station Enhanced Setups

Additional cones and a flag tree meeting Section 6F.62 of the MUTCD shall be used upstream of flagger stations to provide added warning to drivers. These devices shall be used for flagger stations except those that are constantly moving or are in use at one location for no more than a few minutes. If the W20-7a Flagger sign is used, the additional cones and flag tree shall also be used.

For additional details on Flagger Station Enhanced Setups, see Work Zone Traffic Control drawings in this Invitation for Bids.

Temporary Rumble Strips

a. Description

This work shall consist of the installation, maintenance and subsequent removal of temporary rumble strips in paving work zones where indicated in the Invitation for Bids or as directed by the Engineer.

b. Materials

Rumble strips shall be either constructed in place from a raised strip of asphalt concrete or constructed in place with removable pavement marking tape. Raised removable tape rumble strips shall be formed by applying four layers of removable black non-reflectorized removable pavement marking tape. The tape shall be applied to a clean, dry pavement surface in accordance with the manufacturer's recommendations. The pavement surface shall be cleaned with compressed air just prior to application of the tape. Raised asphalt rumble strips shall be formed from hot mix asphalt meeting the requirements of Items 402.058903 or 402.098903. Tack coat meeting the requirements of Materials Designation 702-XXXXT Asphalt Emulsion Diluted Tack Coat shall be used to adhere the rumble strip to the existing pavement. Temporary rumble strips shall be formed using a specially constructed rumble strip paver (drag box) pulled transversely across the pavement, or by hand placement between forms fixed to the pavement. If forms are used, they shall be removed prior to compaction of the asphalt mixture. Compaction shall be accomplished using a plate tamper or a static roller. The roadway surface on which the rumble strips are to be attached shall be dry, free of surface contaminants such as dust or oil, and shall be 45°F or greater unless otherwise authorized by the Engineer. The pavement surface shall be cleaned with compressed air just prior to tack coating and subsequent installation of rumble strips.

Temporary rumble strips shall be placed in a succession of three 6-Strip Patterns according to the attached "Suggested Layout Details - Temporary Rumble Strips". Each strip shall be placed on 10 foot centers and traversing the full width of each travel lane. On curbed roadways, rumble strips shall end a minimum of 3 feet from the curb so as to not interfere with drainage. Rumble strips shall be between 6 inches and 9 inches in width and have a final compacted thickness of 0.4 inches \pm 0.1 inches.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

Any raised rumble strips that fail to adhere to the pavement, or become damaged or flattened such that, in the opinion of the Engineer, they are no longer performing their intended function, shall be replaced or repaired by the Contractor to the satisfaction of the Engineer. Any associated damage to the pavement shall also be repaired by the Contractor to the satisfaction of the Engineer. These replacements or repairs shall be made at no additional expense to the Purchasing Agency.

When directed by the Engineer, (e.g., prior to the start of the winter plowing season), or prior to the placement of successive pavement courses, the Contractor shall completely remove the rumble strips from the pavement. Rumble strips shall be removed upon completion of work and concurrently with the removal of other temporary traffic control signs and devices. Any pavement that is damaged in the process of removing the rumble strips shall be repaired by the Contractor to the satisfaction of the Engineer at no additional expense to the Purchasing Agency.

c. Basis of Payment

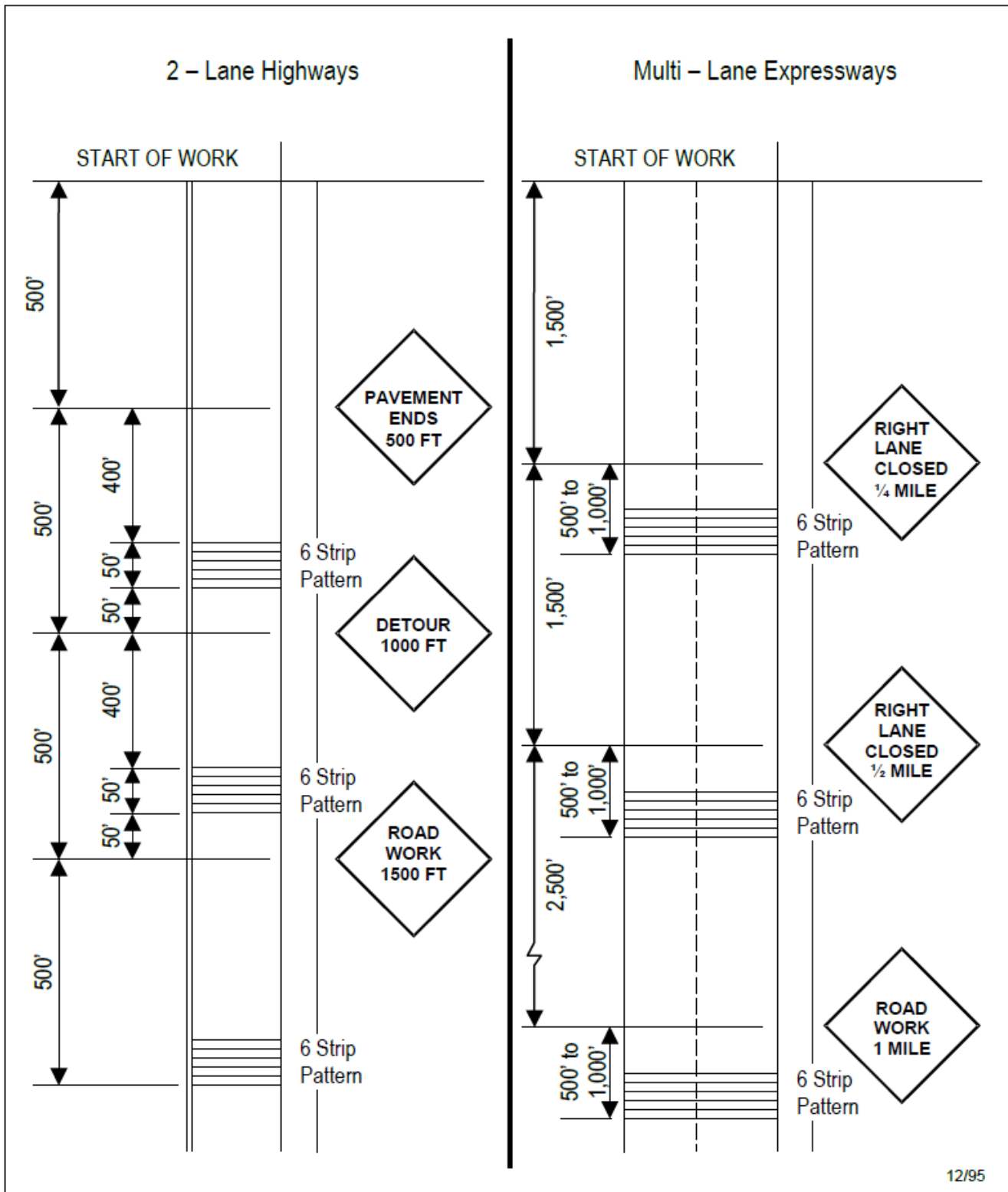
All costs for the installation, maintenance and removal of temporary rumble strips are included in the price per ton or square yard as appropriate. No separate payment shall be made.

d. Suggested Layout Details Drawing-- Temporary Rumble Strips

See the Suggested Layout Details Drawing in the next page.

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

Suggested Layout Details -- Temporary Rumble Strips



SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.15 Special Notes – Paver Placed Surface Treatment

11.15.1 Funding Source (Paver Placed Surface Treatment)

Projects 935834 and 901654 will be funded by Federal Aid.

11.16 Detailed Specifications – Paver Placed Surface Treatment

Please see Attachment 09 – Detailed Specifications – Liquid Bituminous Materials.

11.16.1 Project Dimensions - Paver Placed Surface Treatment

Information on pavement widths for projects in this Invitation for Bids is listed for informational purposes only. The dimensions listed are the best information available, but 100% accuracy is not guaranteed. Bidders should visit the project site to confirm the dimensions given and familiarize themselves with the project particulars before submitting a bid. The Department assumes no responsibility for erroneous information listed herein.

The pavement width listed is the total width of all the travel lanes only.

The shoulder width is for one shoulder only.

Project Number	Item	Travel Lanes Width (feet) (total)	Lane Width (feet) (one lane)	Shoulder Width (feet) (one shoulder)	Number of Lanes
935834	415.03020118	48	12	12	4
901654	415.03020118	36-48	10-12	6-12	3,4

11.16.2 Rebates - Paver Placed Surface Treatment

Project Number	Rebate Location	Rebate Width (feet)
935834	EB Begin RM 88I-9303-1047	40
	Exit 10 EB off ramp	25
	Exit 10 EB on ramp	25
	EB Begin Bridge over Crane Hill Rd.	40
	EB End Bridge over Crane Hill Rd.	40
	Unadilla Rest Area EB off ramp	25
	Unadilla Rest Area EB on ramp	25
	Exit 11 EB off ramp	25
	EB Begin Bridge over Rte 357	40
	EB End Bridge over Rte 357	40
	Exit 11 EB on ramp	25
	EB Begin Bridge over Ouleout Creek	40
	EB End Bridge over Ouleout Creek	40
	EB End RM 88I-9305-1024	40
	WB Begin RM 88I-9305-1024	40
	WB Begin Bridge over Ouleout Creek	40
	WB End Bridge over Ouleout Creek	40
	Exit 11 WB off ramp	25
	WB Begin Bridge over Rte 357	40
	WB End Bridge over Rte 357	40

SECTION 11: PAVER PLACED SURFACE TREATMENT – SPECIFIC PROJ. (Cont'd)

11.16.2 Rebates - Paver Placed Surface Treatment (Cont'd)

935834 (Cont'd)	Exit 11 WB on ramp	25
	WB Begin Bridge over Crane Hill Rd.	40
	WB End Bridge over Crane Hill Rd.	40
	Exit 10 WB off ramp	25
	Exit 10 WB on ramp	25
	WB end RM 88I-9303-1047	40
901654	RM 1273 + 250 Feet, Beginning of Project	60
	RM 1275, Route 12, Price Chopper Plaza	100
	RM 1275, Route 12, Tractor Supply Plaza	85
	RM 1278, End of Project	50

APPENDIX A

STANDARD CLAUSES FOR NEW YORK STATE CONTRACTS

**PLEASE RETAIN THIS DOCUMENT
FOR FUTURE REFERENCE.**

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STANDARD CLAUSES FOR NYS CONTRACTS

APPENDIX A (JANUARY 2014)

STANDARD CLAUSES FOR NYS CONTRACTS

The parties to the attached contract, license, lease, amendment or other agreement of any kind (hereinafter, "the contract" or "this contract") agree to be bound by the following clauses which are hereby made a part of the contract (the word "Contractor" herein refers to any party other than the State, whether a contractor, licenser, licensee, lessor, lessee or any other party):

1. EXECUTORY CLAUSE. In accordance with Section 41 of the State Finance Law, the State shall have no liability under this contract to the Contractor or to anyone else beyond funds appropriated and available for this contract.

2. NON-ASSIGNMENT CLAUSE. In accordance with Section 138 of the State Finance Law, this contract may not be assigned by the Contractor or its right, title or interest therein assigned, transferred, conveyed, sublet or otherwise disposed of without the State's previous written consent, and attempts to do so are null and void. Notwithstanding the foregoing, such prior written consent of an assignment of a contract let pursuant to Article XI of the State Finance Law may be waived at the discretion of the contracting agency and with the concurrence of the State Comptroller where the original contract was subject to the State Comptroller's approval, where the assignment is due to a reorganization, merger or consolidation of the Contractor's business entity or enterprise. The State retains its right to approve an assignment and to require that any Contractor demonstrate its responsibility to do business with the State. The Contractor may, however, assign its right to receive payments without the State's prior written consent unless this contract concerns Certificates of Participation pursuant to Article 5-A of the State Finance Law.

3. COMPTROLLER'S APPROVAL. In accordance with Section 112 of the State Finance Law (or, if this contract is with the State University or City University of New York, Section 355 or Section 6218 of the Education Law), if this contract exceeds \$50,000 (or the minimum thresholds agreed to by the Office of the State Comptroller for certain S.U.N.Y. and C.U.N.Y. contracts), or if this is an amendment for any amount to a contract which, as so amended, exceeds said statutory amount, or if, by this contract, the State agrees to give something other than money when the value or reasonably estimated value of such consideration exceeds \$10,000, it shall not be valid, effective or binding upon the State until it has been approved by the State Comptroller and filed in his office. Comptroller's approval of contracts let by the Office of General Services is required when such contracts exceed \$85,000 (State Finance Law Section 163.6-a). However, such pre-approval shall not be required for any contract established as a centralized contract through the Office of General Services or for a purchase order or other transaction issued under such centralized contract.

4. WORKERS' COMPENSATION BENEFITS. In accordance with Section 142 of the State Finance Law, this contract shall be void and of no force and effect unless the Contractor shall provide and maintain coverage during the life of this contract for the benefit of such employees as are required to be covered by the provisions of the Workers' Compensation Law.

5. NON-DISCRIMINATION REQUIREMENTS. To the extent required by Article 15 of the Executive Law (also known as the Human Rights Law) and all other State and Federal statutory and constitutional non-discrimination provisions, the Contractor will not discriminate against any employee or applicant for employment because of race, creed, color, sex (including gender identity or expression), national origin, sexual orientation, military status, age, disability, predisposing genetic characteristics, marital status or domestic violence victim status. Furthermore, in accordance with Section 220-e of the Labor Law, if this is a contract for the construction, alteration or repair of any public building or public work or for the manufacture, sale or distribution of materials, equipment or supplies, and to the extent that this contract shall be performed within the State of New York, Contractor agrees that neither it nor its subcontractors shall, by reason of race, creed, color, disability, sex, or national origin: (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this contract. If this is a building service contract as defined in Section 230 of the Labor Law, then, in accordance with Section 239 thereof, Contractor agrees that neither it nor its subcontractors shall by reason of race, creed, color, national origin, age, sex or disability: (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this contract. Contractor is subject to fines of \$50.00 per person per day for any violation of Section 220-e or Section 239 as well as possible termination of this contract and forfeiture of all moneys due hereunder for a second or subsequent violation.

6. WAGE AND HOURS PROVISIONS. If this is a public work contract covered by Article 8 of the Labor Law or a building service contract covered by Article 9 thereof, neither Contractor's employees nor the employees of its subcontractors may be required or permitted to work more than the number of hours or days stated in said statutes, except as otherwise provided in the Labor Law and as set forth in prevailing wage and supplement schedules issued by the State Labor Department. Furthermore, Contractor and its subcontractors must pay at least the prevailing wage rate and pay or provide the prevailing supplements, including the premium rates for overtime pay, as determined by the State Labor Department in accordance with the Labor Law. Additionally, effective April 28, 2008, if this is a public work contract covered by Article 8 of the Labor Law, the Contractor understands and agrees that the filing of payrolls in a manner consistent with Subdivision 3-

STANDARD CLAUSES FOR NYS CONTRACTS

a of Section 220 of the Labor Law shall be a condition precedent to payment by the State of any State approved sums due and owing for work done upon the project.

7. NON-COLLUSIVE BIDDING CERTIFICATION. In accordance with Section 139-d of the State Finance Law, if this contract was awarded based upon the submission of bids, Contractor affirms, under penalty of perjury, that its bid was arrived at independently and without collusion aimed at restricting competition. Contractor further affirms that, at the time Contractor submitted its bid, an authorized and responsible person executed and delivered to the State a non-collusive bidding certification on Contractor's behalf.

8. INTERNATIONAL BOYCOTT PROHIBITION. In accordance with Section 220-f of the Labor Law and Section 139-h of the State Finance Law, if this contract exceeds \$5,000, the Contractor agrees, as a material condition of the contract, that neither the Contractor nor any substantially owned or affiliated person, firm, partnership or corporation has participated, is participating, or shall participate in an international boycott in violation of the federal Export Administration Act of 1979 (50 USC App. Sections 2401 et seq.) or regulations thereunder. If such Contractor, or any of the aforesaid affiliates of Contractor, is convicted or is otherwise found to have violated said laws or regulations upon the final determination of the United States Commerce Department or any other appropriate agency of the United States subsequent to the contract's execution, such contract, amendment or modification thereto shall be rendered forfeit and void. The Contractor shall so notify the State Comptroller within five (5) business days of such conviction, determination or disposition of appeal (2NYCRR 105.4).

9. SET-OFF RIGHTS. The State shall have all of its common law, equitable and statutory rights of set-off. These rights shall include, but not be limited to, the State's option to withhold for the purposes of set-off any moneys due to the Contractor under this contract up to any amounts due and owing to the State with regard to this contract, any other contract with any State department or agency, including any contract for a term commencing prior to the term of this contract, plus any amounts due and owing to the State for any other reason including, without limitation, tax delinquencies, fee delinquencies or monetary penalties relative thereto. The State shall exercise its set-off rights in accordance with normal State practices including, in cases of set-off pursuant to an audit, the finalization of such audit by the State agency, its representatives, or the State Comptroller.

10. RECORDS. The Contractor shall establish and maintain complete and accurate books, records, documents, accounts and other evidence directly pertinent to performance under this contract (hereinafter, collectively, "the Records"). The Records must be kept for the balance of the calendar year in which they were made and for six (6) additional years thereafter. The State

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Comptroller, the Attorney General and any other person or entity authorized to conduct an examination, as well as the agency or agencies involved in this contract, shall have access to the Records during normal business hours at an office of the Contractor within the State of New York or, if no such office is available, at a mutually agreeable and reasonable venue within the State, for the term specified above for the purposes of inspection, auditing and copying. The State shall take reasonable steps to protect from public disclosure any of the Records which are exempt from disclosure under Section 87 of the Public Officers Law (the "Statute") provided that: (i) the Contractor shall timely inform an appropriate State official, in writing, that said records should not be disclosed; and (ii) said records shall be sufficiently identified; and (iii) designation of said records as exempt under the Statute is reasonable. Nothing contained herein shall diminish, or in any way adversely affect, the State's right to discovery in any pending or future litigation.

11. IDENTIFYING INFORMATION AND PRIVACY NOTIFICATION.

(a) Identification Number(s). Every invoice or New York State Claim for Payment submitted to a New York State agency by a payee, for payment for the sale of goods or services or for transactions (e.g., leases, easements, licenses, etc.) related to real or personal property must include the payee's identification number. The number is any or all of the following: (i) the payee's Federal employer identification number, (ii) the payee's Federal social security number, and/or (iii) the payee's Vendor Identification Number assigned by the Statewide Financial System. Failure to include such number or numbers may delay payment. Where the payee does not have such number or numbers, the payee, on its invoice or Claim for Payment, must give the reason or reasons why the payee does not have such number or numbers.

(b) Privacy Notification. (1) The authority to request the above personal information from a seller of goods or services or a lessor of real or personal property, and the authority to maintain such information, is found in Section 5 of the State Tax Law. Disclosure of this information by the seller or lessor to the State is mandatory. The principal purpose for which the information is collected is to enable the State to identify individuals, businesses and others who have been delinquent in filing tax returns or may have understated their tax liabilities and to generally identify persons affected by the taxes administered by the Commissioner of Taxation and Finance. The information will be used for tax administration purposes and for any other purpose authorized by law. (2) The personal information is requested by the purchasing unit of the agency contracting to purchase the goods or services or lease the real or personal property covered by this contract or lease. The information is maintained in the Statewide Financial System by the Vendor Management Unit within the Bureau of State Expenditures, Office of the State Comptroller, 110 State Street, Albany, New York 12236.

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12. EQUAL EMPLOYMENT OPPORTUNITIES FOR MINORITIES AND WOMEN. In accordance with Section 312 of the Executive Law and 5 NYCRR 143, if this contract is: (i) a written agreement or purchase order instrument, providing for a total expenditure in excess of \$25,000.00, whereby a contracting agency is committed to expend or does expend funds in return for labor, services, supplies, equipment, materials or any combination of the foregoing, to be performed for, or rendered or furnished to the contracting agency; or (ii) a written agreement in excess of \$100,000.00 whereby a contracting agency is committed to expend or does expend funds for the acquisition, construction, demolition, replacement, major repair or renovation of real property and improvements thereon; or (iii) a written agreement in excess of \$100,000.00 whereby the owner of a State assisted housing project is committed to expend or does expend funds for the acquisition, construction, demolition, replacement, major repair or renovation of real property and improvements thereon for such project, then the following shall apply and by signing this agreement the Contractor certifies and affirms that it is Contractor's equal employment opportunity policy that:

(a) The Contractor will not discriminate against employees or applicants for employment because of race, creed, color, national origin, sex, age, disability or marital status, shall make and document its conscientious and active efforts to employ and utilize minority group members and women in its work force on State contracts and will undertake or continue existing programs of affirmative action to ensure that minority group members and women are afforded equal employment opportunities without discrimination. Affirmative action shall mean recruitment, employment, job assignment, promotion, upgradings, demotion, transfer, layoff, or termination and rates of pay or other forms of compensation;

(b) at the request of the contracting agency, the Contractor shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, labor union or representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability or marital status and that such union or representative will affirmatively cooperate in the implementation of the Contractor's obligations herein; and

(c) the Contractor shall state, in all solicitations or advertisements for employees, that, in the performance of the State contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

Contractor will include the provisions of "a", "b", and "c" above, in every subcontract over \$25,000.00 for the construction, demolition, replacement, major repair, renovation, planning or design of real property and

improvements thereon (the "Work") except where the Work is for the beneficial use of the Contractor. Section 312 does not apply to: (i) work, goods or services unrelated to this contract; or (ii) employment outside New York State. The State shall consider compliance by a contractor or subcontractor with the requirements of any federal law concerning equal employment opportunity which effectuates the purpose of this section. The contracting agency shall determine whether the imposition of the requirements of the provisions hereof duplicate or conflict with any such federal law and if such duplication or conflict exists, the contracting agency shall waive the applicability of Section 312 to the extent of such duplication or conflict. Contractor will comply with all duly promulgated and lawful rules and regulations of the Department of Economic Development's Division of Minority and Women's Business Development pertaining hereto.

13. CONFLICTING TERMS. In the event of a conflict between the terms of the contract (including any and all attachments thereto and amendments thereof) and the terms of this Appendix A, the terms of this Appendix A shall control.

14. GOVERNING LAW. This contract shall be governed by the laws of the State of New York except where the Federal supremacy clause requires otherwise.

15. LATE PAYMENT. Timeliness of payment and any interest to be paid to Contractor for late payment shall be governed by Article 11-A of the State Finance Law to the extent required by law.

16. NO ARBITRATION. Disputes involving this contract, including the breach or alleged breach thereof, may not be submitted to binding arbitration (except where statutorily authorized), but must, instead, be heard in a court of competent jurisdiction of the State of New York.

17. SERVICE OF PROCESS. In addition to the methods of service allowed by the State Civil Practice Law & Rules ("CPLR"), Contractor hereby consents to service of process upon it by registered or certified mail, return receipt requested. Service hereunder shall be complete upon Contractor's actual receipt of process or upon the State's receipt of the return thereof by the United States Postal Service as refused or undeliverable. Contractor must promptly notify the State, in writing, of each and every change of address to which service of process can be made. Service by the State to the last known address shall be sufficient. Contractor will have thirty (30) calendar days after service hereunder is complete in which to respond.

18. PROHIBITION ON PURCHASE OF TROPICAL HARDWOODS. The Contractor certifies and warrants that all wood products to be used under this contract award will be in accordance with, but not limited to, the specifications and provisions of Section 165 of the State Finance Law, (Use of

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Tropical Hardwoods) which prohibits purchase and use of tropical hardwoods, unless specifically exempted, by the State or any governmental agency or political subdivision or public benefit corporation. Qualification for an exemption under this law will be the responsibility of the contractor to establish to meet with the approval of the State.

In addition, when any portion of this contract involving the use of woods, whether supply or installation, is to be performed by any subcontractor, the prime Contractor will indicate and certify in the submitted bid proposal that the subcontractor has been informed and is in compliance with specifications and provisions regarding use of tropical hardwoods as detailed in §165 State Finance Law. Any such use must meet with the approval of the State; otherwise, the bid may not be considered responsive. Under bidder certifications, proof of qualification for exemption will be the responsibility of the Contractor to meet with the approval of the State.

19. MACBRIDE FAIR EMPLOYMENT PRINCIPLES. In accordance with the MacBride Fair Employment Principles (Chapter 807 of the Laws of 1992), the Contractor hereby stipulates that the Contractor either (a) has no business operations in Northern Ireland, or (b) shall take lawful steps in good faith to conduct any business operations in Northern Ireland in accordance with the MacBride Fair Employment Principles (as described in Section 165 of the New York State Finance Law), and shall permit independent monitoring of compliance with such principles.

20. OMNIBUS PROCUREMENT ACT OF 1992. It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority and women-owned business enterprises as bidders, subcontractors and suppliers on its procurement contracts.

Information on the availability of New York State subcontractors and suppliers is available from:

NYS Department of Economic Development
Division for Small Business
Albany, New York 12245
Telephone: 518-292-5100
Fax: 518-292-5884
email: opa@esd.ny.gov

A directory of certified minority and women-owned business enterprises is available from:

NYS Department of Economic Development
Division of Minority and Women's Business Development
633 Third Avenue
New York, NY 10017
212-803-2414
email: mwbcertification@esd.ny.gov

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<https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp>

The Omnibus Procurement Act of 1992 requires that by signing this bid proposal or contract, as applicable, Contractors certify that whenever the total bid amount is greater than \$1 million:

(a) The Contractor has made reasonable efforts to encourage the participation of New York State Business Enterprises as suppliers and subcontractors, including certified minority and women-owned business enterprises, on this project, and has retained the documentation of these efforts to be provided upon request to the State;

(b) The Contractor has complied with the Federal Equal Opportunity Act of 1972 (P.L. 92-261), as amended;

(c) The Contractor agrees to make reasonable efforts to provide notification to New York State residents of employment opportunities on this project through listing any such positions with the Job Service Division of the New York State Department of Labor, or providing such notification in such manner as is consistent with existing collective bargaining contracts or agreements. The Contractor agrees to document these efforts and to provide said documentation to the State upon request; and

(d) The Contractor acknowledges notice that the State may seek to obtain offset credits from foreign countries as a result of this contract and agrees to cooperate with the State in these efforts.

21. RECIPROCITY AND SANCTIONS PROVISIONS. Bidders are hereby notified that if their principal place of business is located in a country, nation, province, state or political subdivision that penalizes New York State vendors, and if the goods or services they offer will be substantially produced or performed outside New York State, the Omnibus Procurement Act 1994 and 2000 amendments (Chapter 684 and Chapter 383, respectively) require that they be denied contracts which they would otherwise obtain. NOTE: As of May 15, 2002, the list of discriminatory jurisdictions subject to this provision includes the states of South Carolina, Alaska, West Virginia, Wyoming, Louisiana and Hawaii. Contact NYS Department of Economic Development for a current list of jurisdictions subject to this provision.

22. COMPLIANCE WITH NEW YORK STATE INFORMATION SECURITY BREACH AND NOTIFICATION ACT. Contractor shall comply with the provisions of the New York State Information Security Breach and Notification Act (General Business Law Section 899-aa; State Technology Law Section 208).

23. COMPLIANCE WITH CONSULTANT DISCLOSURE LAW. If this is a contract for consulting services, defined for purposes of this requirement to include

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analysis, evaluation, research, training, data processing, computer programming, engineering, environmental, health, and mental health services, accounting, auditing, paralegal, legal or similar services, then, in accordance with Section 163 (4-g) of the State Finance Law (as amended by Chapter 10 of the Laws of 2006), the Contractor shall timely, accurately and properly comply with the requirement to submit an annual employment report for the contract to the agency that awarded the contract, the Department of Civil Service and the State Comptroller.

During the term of the Contract, should the state agency receive information that a person (as defined in State Finance Law §165-a) is in violation of the above-referenced certifications, the state agency will review such information and offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment activity which is in violation of the Act within 90 days after the determination of such violation, then the state agency shall take such action as may be appropriate and provided for by law, rule, or contract, including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

24. PROCUREMENT LOBBYING. To the extent this agreement is a "procurement contract" as defined by State Finance Law Sections 139-j and 139-k, by signing this agreement the contractor certifies and affirms that all disclosures made in accordance with State Finance Law Sections 139-j and 139-k are complete, true and accurate. In the event such certification is found to be intentionally false or intentionally incomplete, the State may terminate the agreement by providing written notification to the Contractor in accordance with the terms of the agreement.

The state agency reserves the right to reject any bid, request for assignment, renewal or extension for an entity that appears on the Prohibited Entities List prior to the award, assignment, renewal or extension of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the Prohibited Entities list after contract award.

25. CERTIFICATION OF REGISTRATION TO COLLECT SALES AND COMPENSATING USE TAX BY CERTAIN STATE CONTRACTORS, AFFILIATES AND SUBCONTRACTORS.

To the extent this agreement is a contract as defined by Tax Law Section 5-a, if the contractor fails to make the certification required by Tax Law Section 5-a or if during the term of the contract, the Department of Taxation and Finance or the covered agency, as defined by Tax Law 5-a, discovers that the certification, made under penalty of perjury, is false, then such failure to file or false certification shall be a material breach of this contract and this contract may be terminated, by providing written notification to the Contractor in accordance with the terms of the agreement, if the covered agency determines that such action is in the best interest of the State.

26. IRAN DIVESTMENT ACT. By entering into this Agreement, Contractor certifies in accordance with State Finance Law §165-a that it is not on the "Entities Determined to be Non-Responsive Bidders/Offerers pursuant to the New York State Iran Divestment Act of 2012" ("Prohibited Entities List") posted at:
<http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf>

Contractor further certifies that it will not utilize on this Contract any subcontractor that is identified on the Prohibited Entities List. Contractor agrees that should it seek to renew or extend this Contract, it must provide the same certification at the time the Contract is renewed or extended. Contractor also agrees that any proposed Assignee of this Contract will be required to certify that it is not on the Prohibited Entities List before the contract assignment will be approved by the State.

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1. ETHICS COMPLIANCE All Bidders/Contractors and their employees must comply with the requirements of Sections 73 and 74 of the Public Officers Law, other State codes, rules, regulations and executive orders establishing ethical standards for the conduct of business with New York State. In signing the Bid, Bidder certifies full compliance with those provisions for any present or future dealings, transactions, sales, contracts, services, offers, relationships, etc., involving New York State and/or its employees. Failure to comply with those provisions may result in disqualification from the bidding process, termination of contract, and/or other civil or criminal proceedings as required by law.

2. DEFINITIONS Terms used herein shall have the following meanings:

a. AUTHORIZED USER Authorized User shall have the meaning set forth in State Finance Law Section 163(1)(k) and includes, but is not limited to, New York State Agencies, political subdivisions, local governments, public authorities, public school and fire districts, public and nonprofit libraries, and certain other nonpublic/nonprofit organizations.

b. BID A response to the Solicitation submitted by a Bidder to provide Products.

c. BIDDER Any person or entity who submits a response to the Solicitation. At the time that a Bidder executes a Contract with the State, the Bidder shall become a “Contractor.” See also “Contractor.”

d. BID SPECIFICATIONS A written description drafted by OGS or an Authorized User setting forth the specific terms of the intended procurement, which may include: physical or functional characteristics, the nature of a Product, any description of the work to be performed, Products to be provided, the necessary qualifications of the Bidder, the capacity and capability of the Bidder to successfully carry out the proposed Contract, or the process for achieving specific results and/or anticipated outcomes or any other requirement necessary to perform work. Where this Appendix B is incorporated in negotiated Contracts that have not been competitively solicited, the term “Bid Specifications” shall be deemed to refer to the terms and conditions set forth in the negotiated Contract and associated documentation.

e. COMMISSIONER The Commissioner of OGS or his or her designee, or, in the case of Bid Specifications issued by an Authorized User, the head of such Authorized User or his or her authorized representative.

f. CONTRACT The writings that contain the agreement of the Commissioner and the Contractor setting forth the total legal obligation between the parties as determined by applicable rules of law, and which most typically include the following classifications of public procurements:

- 1. Agency Specific Contracts** Contracts where the written description for a Product or a particular scope of work is described and defined to meet the needs of one or more Authorized Users.
- 2. Centralized Contracts** Single- or multiple-award Contracts where the written description for a Product or general scope

of work is described and defined by OGS to meet the needs of Authorized Users. Centralized Contracts may be awarded through multiple awards or through adoption of another jurisdiction’s contract or on a sole source, single source, emergency, or competitive basis. Once established, procurements may be made from the selected Contractors without further competition or Mini-Bid unless otherwise required by the Contract.

3. Back-Drop Contracts Multiple-award Centralized Contracts where OGS provides a written description for a Product or general scope of work to meet the needs of Authorized Users. Bids may be submitted either at a date and time certain or may be accepted on a continuous or periodic recruitment basis, as set forth in the Solicitation. Selection of a Contractor from among Back-Drop contract holders for an actual Product, project or particular scope of work may be subsequently made as set forth in the Contract.

4. Piggyback Contract A Contract let by any department, agency or instrumentality of the United States government, or any department, agency, office, political subdivision or instrumentality of any state or group of states that is adopted and extended for use by OGS in accordance with the requirements of the State Finance Law.

5. Contract Award Letter A letter to the successful Bidder indicating acceptance of its Bid in response to a Solicitation. Unless otherwise specified, the issuance of a letter of acceptance forms a Contract but is not an order for Product, and the Contractor should not take any action with respect to actual Contract deliveries except on the basis of Purchase Orders sent from Authorized Users.

g. CONTRACT AWARD NOTIFICATION An announcement to Authorized Users that a Contract has been established.

h. CONTRACTOR Any successful Bidder to whom a Contract has been awarded by the Commissioner.

i. DOCUMENTATION The complete set of manuals (e.g., user, installation, instruction or diagnostic manuals) in either hard or electronic copy, that are necessary to enable an Authorized User to properly test, install, operate and enjoy full use of the Product.

j. ENTERPRISE The total business operations in the United States of an Authorized User without regard to geographic location where such operations are performed or the entity actually performing such operations on behalf of the Authorized User.

k. ENTERPRISE LICENSE A license grant of unlimited rights to deploy, access, use and execute Product anywhere within the Enterprise up to the maximum capacity stated on the Purchase Order or in the Contract.

l. ERROR CORRECTIONS Machine executable software code furnished by Contractor which corrects the Product so as to conform to the applicable warranties, performance standards and/or obligations of the Contractor.

m. GROUP A classification of a Product that is designated by OGS.

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n. INVITATION FOR BIDS (IFB) A type of Solicitation that is most typically used for procurements where requirements can be stated and award will be made based on lowest price to the responsive and responsible Bidder or Bidders.

o. LICENSED SOFTWARE Software transferred upon the terms and conditions set forth in the Contract. “Licensed Software” includes Error Corrections, upgrades, or enhancements, and any deliverables due under a technical support/maintenance or service contract (e.g., Patches, programs, code or data conversion, or custom programming).

p. LICENSEE An Authorized User who acquires Product from Contractor by issuing a Purchase Order in accordance with the terms and conditions of the Contract; provided that, for purposes of compliance with an individual license, the term “Licensee” shall be deemed to refer separately to the individual Authorized User who took receipt of and who is executing the Product, and who shall be solely responsible for performance and liabilities incurred. In the case of acquisitions by State Agencies, the Licensee shall be the State of New York.

q. LICENSE EFFECTIVE DATE The date Product is delivered to an Authorized User. Where a License involves Licensee’s right to copy a previously licensed and delivered master copy of a program, the License Effective Date for additional copies shall be deemed to be the date on which the Purchase Order is executed.

r. LICENSOR A Contractor who transfers rights in proprietary Product to Authorized Users in accordance with the rights and obligations specified in the Contract.

s. MINI-BID A document used by an Authorized User containing transaction-specific requirements soliciting responses from Contractors previously qualified under a Centralized Contract for such Products.

t. OGS The New York State Office of General Services.

u. PATCH Software designed to update, fix, or improve the Product or its supporting data. This includes fixing security vulnerabilities and other bugs, including hot fixes, to improve usability or performance.

v. PRODUCTS Items or deliverables under any Solicitation or Contract and may include commodities, services and/or technology.

w. PURCHASE ORDER The Authorized User’s fiscal form or format that is used when making a purchase (e.g., formal written Purchase Order, Purchasing Card, electronic Purchase Order, or other authorized instrument).

x. REQUEST FOR PROPOSALS (RFP) A type of Solicitation that is used for procurements where factors in addition to cost are considered and weighted in awarding the contract and where the award will be made based on “best value,” as defined by the State Finance Law, to one or more responsive and responsible Bidders.

y. REQUEST FOR QUOTATION (RFQ) A procurement method that can be used in situations such as discretionary, sole source, single source, or emergency purchases and certain Centralized Contracts.

z. RESPONSIBLE BIDDER A Bidder that is determined to have financial and organizational capacity, legal authority, satisfactory previous performance, skill, judgment and integrity, and that is found

to be competent, reliable and experienced, as determined by the Commissioner. For purposes of being deemed responsible, a Bidder must also be determined to be in compliance with Sections 139-j and 139-k of the State Finance Law relative to restrictions on contacts during the procurement process and disclosure of contacts and prior findings of non-responsibility under these statutes.

aa. RESPONSIVE BIDDER A Bidder meeting the specifications or requirements prescribed in the Solicitation, as determined by the OGS Commissioner.

bb. SINGLE SOURCE A procurement where two or more Bidders can supply the required Product, and the Commissioner may award the contract to one Bidder over the other.

cc. SITE The location (street address) where Product will be delivered or executed.

dd. SOLE SOURCE A procurement where only one Bidder is capable of supplying the required Product.

ee. SOLICITATION Writings by the State setting forth the scope, terms, conditions and technical specifications for a procurement of Product. The procurement may be undertaken on a competitive or non-competitive basis. Such writings typically include, but are not limited to: Invitation for Bids (IFB), Request for Quotations (RFQ), Request for Proposals (RFP), addenda or amendments thereto, and terms and conditions that are incorporated by reference, including but not limited to Appendix A (Standard Clauses for NYS Contracts), Appendix B (General Specifications), and identified attachments. Where the procurement is undertaken on a non-competitive basis, the term “Solicitation” shall be deemed to refer to all the terms and conditions identified by the State.

ff. SOURCE CODE The programming statements or instructions written and expressed in any language understandable by a human being skilled in the art which are translated by a language compiler to produce executable machine object code.

gg. STATE State of New York.

hh. STATE AGENCY OR AGENCIES The State of New York, acting by or through one or more departments, boards, commissions, offices or institutions of the State of New York.

ii. SUBCONTRACTOR Any individual or legal entity (including but not limited to sole proprietor, partnership, limited liability company, firm or corporation) who has entered into a contract, express or implied, for the performance of a portion of a Contract with a Contractor.

jj. TERMS OF LICENSE The terms and conditions set forth in the Contract that are in effect and applicable to a Purchase Order at the time of order placement.

kk. THIRD-PARTY SOFTWARE Any software that is developed independently of Contractor and which may be governed by a separate license.

ll. VIRUS Any computer code, whether or not written or conceived by Contractor, that disrupts, disables, harms, or otherwise impedes in any manner the operation of the Product, or any other associated software, firmware, hardware, or computer system (such as local area

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or wide-area networks), including aesthetic disruptions or distortions, but does not include security keys or other such devices installed by Product manufacturer. Virus shall also include any malware, adware, or other computer code, whether or not written or conceived by Contractor, that allows data or metrics to be copied, redirected, or modified without the express consent of the Authorized User.

BID SUBMISSION

3. INTERNATIONAL BIDDING All Bids, including all information and Product required by the Solicitation or provided as explanation thereof, shall be submitted in English. All prices shall be expressed, and all payments shall be made, in United States Dollars (US\$). Any Bids submitted which do not meet the above criteria will be rejected.

4. BID OPENING Bids may, as applicable, be opened publicly. The Commissioner reserves the right at any time to postpone or cancel a scheduled Bid opening.

5. LATE BIDS Bids must be received at the location designated in the Solicitation at or before the date and time established in the Solicitation for the Bid opening or receipt of Bids.

Any Bid received at the designated location after the established time will be considered a Late Bid. A Late Bid may be rejected and disqualified from award. Notwithstanding the foregoing, a Late Bid may be accepted in the Commissioner's sole discretion where (i) no timely Bids meeting the requirements of the Solicitation are received, (ii) in the case of a multiple award, an insufficient number of timely Bids are received to satisfy the multiple award, or (iii) the Bidder has demonstrated to the satisfaction of the Commissioner that the Late Bid was caused solely by factors outside the control of the Bidder. However, in no event shall the Commissioner be under any obligation to accept a Late Bid.

The basis for any determination to accept a Late Bid shall be documented in the procurement record.

6. CONFIDENTIAL/TRADE SECRET MATERIALS

a. BIDDER/CONTRACTOR Confidential, trade secret or proprietary materials as defined by the laws of the State of New York must be clearly marked and identified as such upon submission by the Bidder/Contractor. Marking the Bid as "confidential" or "proprietary" on its face or in the document header or footer shall not be considered by the Commissioner or Authorized User to be sufficient without specific justification as to why disclosure of particular information in the Bid would cause substantial injury to the competitive position of the Bidder/Contractor. Bidders/Contractors intending to seek an exemption from disclosure of these materials under the Freedom of Information Law must request the exemption in writing, setting forth the reasons for the claimed exemption. The Commissioner's or Authorized User's receipt/acceptance of the claimed materials does not constitute a determination on the exemption request, which determination will be made in accordance with statutory procedures. Properly identified information that has been designated confidential, trade secret, or proprietary by the Bidder/Contractor will not be disclosed except as may be required by the Freedom of Information Law or other applicable State and federal laws.

b. COMMISSIONER OR AUTHORIZED USER Contractor warrants, covenants and represents that any confidential information

obtained by Contractor, its agents, Subcontractors, officers, distributors, resellers or employees in the course of performing its obligations, including without limitation, security procedures, business operations information, or commercial proprietary information in the possession of the State or any Authorized User hereunder or received from another third party, will not be divulged to any third parties without the written consent of the Commissioner or Authorized User. Contractor shall not be required to keep confidential any such material that is publicly available through no fault of Contractor, independently developed by Contractor without reliance on confidential information of the Authorized User, or otherwise obtained under the Freedom of Information Law or other applicable New York State laws and regulations. This warranty shall survive termination of this Contract. Contractor further agrees to take commercially reasonable steps to inform its agents, Subcontractors, officers, distributors, resellers or employees of the obligations arising under this clause to ensure such confidentiality.

7. PREVAILING WAGE RATES - PUBLIC WORKS AND BUILDING SERVICES CONTRACTS If any portion of work being solicited is subject to the prevailing wage rate provisions of the Labor Law, the following shall apply:

a. PREVAILING WAGE RATE APPLICABLE TO BIDS A copy of the applicable prevailing wage rate schedule is incorporated into the Solicitation and may also be obtained by visiting www.labor.ny.gov and typing in the search box: Prevailing Wage Schedule Request. Bidders must submit Bids which are based upon the prevailing hourly wages, and supplements in cash or equivalent benefits (e.g., fringe benefits and any cash or non-cash compensation which are not wages, as defined by law) that equal or exceed the applicable prevailing wage rates for the location where the work is to be performed. Bidders may not submit Bids based upon hourly wage rates and supplements below the applicable prevailing wage rates as established by the New York State Department of Labor. Bids that fail to comply with this requirement will be disqualified.

b. WAGE RATE PAYMENTS/CHANGES DURING CONTRACT TERM The wages to be paid under any resulting Contract shall not be less than the prevailing rate of wages and supplements as set forth by law. It is required that the Contractor keep informed of all changes in the prevailing wage rates during the Contract term that apply to the classes of individuals supplied by the Contractor on any projects resulting from this Contract, subject to the provisions of the Labor Law. Contractor is solely liable for and must pay such required prevailing wage adjustments during the Contract term for its employees as required by law and is responsible for ensuring any Subcontractors utilized on the Contract also comply with the prevailing wage provisions of the New York State Labor Law.

c. ARTICLE 8 CONSTRUCTION/PUBLIC WORKS CONTRACTS In compliance with Article 8, Section 220 of the New York State Labor Law:

i. Posting The Contractor must publicly post on the work Site, in a prominent and accessible place, a legible schedule of the prevailing wage rates and supplements.

ii. Payroll Records Contractors and Subcontractors must keep original payrolls or transcripts subscribed and affirmed as true under the penalties of perjury as required by law. For public works contracts over \$25,000 where the Contractor maintains no regular place of business in the State, such records must be kept at the work Site. For

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building services contracts, such records must be kept at the work Site while work is being performed.

iii. Submission of Certified Payroll Transcripts for Public Works Contracts Only Contractors and Subcontractors on public works Contracts must submit monthly payroll transcripts to the Authorized User issuing the Purchase Order for the work. This provision does not apply to Article 9 of the Labor Law building services contracts.

iv. Day's Labor No laborers, workmen or mechanics in the employ of the Contractor, Subcontractor or other person doing or contracting to do all or part of the work contemplated by the Contract shall be permitted or required to work more than eight hours in any one calendar day or more than five calendar days in any one week except in cases of extraordinary emergency including fire, flood or danger to life or property. "Extraordinary emergency" shall be deemed to include situations in which sufficient laborers, workers and mechanics cannot be employed to carry on public work expeditiously as a result of such restrictions upon the number of hours and days of labor and the immediate commencement or prosecution or completion without undue delay of the public work is necessary in the judgment of the NYS Commissioner of Labor for the preservation of the Contract Site or for the protection of the life and limb of the persons using the Contract Site.

d. ARTICLE 9 BUILDING SERVICES CONTRACTS In compliance with Article 9, Section 230 of the New York State Labor Law:

i. Payroll Records Contractors and Subcontractors must keep original payrolls or transcripts subscribed and affirmed as true under the penalties of perjury as required by law. Where the Contractor or Subcontractor maintains no regular place of business in New York State, such records must be kept at the work Site while work is being performed.

ii. Overtime Employees of Contractors and Subcontractors who work in excess of eight hours in a day or forty hours in a week shall be paid at the overtime rate identified by the New York State Department of Labor.

8. TAXES

a. Unless otherwise specified in the Solicitation, Bid Specifications or Contract, the quoted Bid price includes all taxes applicable to the transaction.

b. Purchases made by the State of New York and certain non-State Authorized Users are exempt from New York State and local sales taxes and, with certain exceptions, federal excise taxes. To satisfy the requirements of the New York State sales tax exemption, either the Purchase Order issued by a State Agency or the invoice forwarded to authorize payment for such purchases will be sufficient evidence that the sale by the Contractor was made to the State, an exempt organization under Section 1116(a)(1) of the Tax Law. Non-State Authorized Users must offer their own proof of exemption upon request. No person, firm or corporation is, however, exempt from paying the State Truck Mileage and Unemployment Insurance or Federal Social Security taxes, which remain the sole responsibility of the Bidder/Contractor.

c. Purchases by Authorized Users other than the State of New York may be subject to certain taxes which were not included in the Bid

price, and in those instances the tax should be computed based on the Contract price and added to the invoice submitted to such entity for payment.

9. EXPENSES PRIOR TO CONTRACT EXECUTION The Commissioner and any Authorized Users are not liable for any costs incurred by a Bidder or Contractor in the preparation and production of a Bid, Mini-Bid, cost proposal revision, or for any work performed prior to Contract execution.

10. PRODUCT REFERENCES

a. "Or Equal" In all Solicitations or Bid Specifications, the words "or equal" are understood to apply where a copyrighted, brand name, trade name, catalog reference, or patented Product is referenced. References to such specific Product are intended as descriptive, not restrictive, unless otherwise stated. Comparable Product will be considered if proof of compatibility is provided, including appropriate catalog excerpts, descriptive literature, specifications and test data, etc. The Commissioner's decision as to acceptance of the Product as equal shall be final.

b. Discrepancies in References In the event of a discrepancy between the model number referenced in the Solicitation or Bid Specifications and the written description of the Products that cannot be reconciled, then the written description shall prevail.

11. REMANUFACTURED, RECYCLED, RECYCLABLE, OR RECOVERED MATERIALS Upon the conditions specified in the Solicitation and in accordance with the laws of the State of New York, Contractors are encouraged to use recycled, recyclable, or recovered materials in the manufacture of Products and packaging to the maximum extent practicable without jeopardizing the performance or intended end use of the Product or packaging unless such use is precluded due to health, welfare, safety requirements, or in the Solicitation. Contractors are further encouraged to offer remanufactured Products to the maximum extent practicable without jeopardizing the performance or intended end use of the Product unless such use is precluded due to health, welfare, safety requirements, or by the Solicitation. Where such use is not practical, suitable, or permitted by the Solicitation, Contractor shall deliver new materials in accordance with the "Warranties" set forth below.

Items with recycled, recyclable, recovered, refurbished, or remanufactured content must be identified in the Bid or Bidder will be deemed to be offering new Product.

12. PRODUCTS MANUFACTURED IN PUBLIC INSTITUTIONS

Bids offering Products that are manufactured or produced in public institutions will be rejected.

13. PRICING

a. Unit Pricing If required by the Solicitation, the Bidder should insert the price per unit specified and the price extensions in decimals, not to exceed four places, for each item unless otherwise specified in the Solicitation. In the event of a discrepancy between the unit price and the extension, the unit price shall govern unless, in the sole judgment of the Commissioner, such unit pricing is obviously erroneous.

b. Net Pricing Unless otherwise required by the Solicitation, prices shall be net, including transportation, customs, tariff, delivery and other charges fully prepaid by the Contractor to the destination indicated in the Solicitation or Purchase Order.

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c. “No Charge” Bid When Bids are requested on a number of Products as a Group or lot, a Bidder desiring to Bid “no charge” on a Product in the Group or lot must clearly indicate such. Otherwise, such Bid may be considered incomplete and be rejected, in whole or in part, at the discretion of the Commissioner.

d. Educational Pricing All Products to be supplied for educational purposes that are subject to educational discounts shall be identified in the Bid and such discounts shall be made available to qualifying institutions.

e. Third Party Financing If Product acquisitions are financed through any third party financing, Contractor may be required as a condition of Contract award to agree to the terms and conditions of a “Consent & Acknowledgment Agreement” in a form acceptable to the Commissioner.

f. Specific price decreases:

(i) GSA Changes: Where net pricing under the Contract is based on an approved GSA schedule, price decreases shall take effect automatically during the Contract term and apply to Purchase Orders submitted on or after the date the approved GSA schedule pricing decreases during the Contract term; or

(ii) Commercial Price List Reductions: Where net pricing under the Contract is based on a discount from Contractor’s list prices, price decreases shall take effect automatically during the Contract term and apply to Purchase Orders submitted on or after the date Contractor lowers its pricing on its commercial price lists during the Contract term; or

(iii) Special Offers/Promotions Generally: Where Contractor generally offers more advantageous special price promotions or special discount pricing to other customers during the Contract term for a similar quantity, and the maximum price or discount associated with such offer or promotion is better than the discount or net pricing otherwise available under this Contract, such better price or discount shall apply for similar quantity transactions under this Contract for the life of such general offer or promotion; and

(iv) Special Offers/Promotions to Authorized Users: Contractor may offer Authorized Users, under either this Contract or any other contracting vehicle, competitive pricing which is lower than the net pricing set forth herein at any time during the Contract term and such lower pricing shall not be applied as a global price reduction under the Contract pursuant to the foregoing paragraph (iii).

Unless otherwise specified in the Solicitation, Contractor may offer lower prices or better terms (see Modification of Contract Terms) on any specific Purchase Order from any Authorized User without being in conflict with, or having any obligation to comply on a global basis with, the terms of this clause.

g. Cost Proposal Revisions A Contractor may be solicited prior to Contract award to propose the best possible offer for the Product being bid on, in accordance with State Finance Law Section 163(9)(c). A cost proposal revision must be a lower price than the initial price.

14. SITE INSPECTION Where a Site inspection is required, Bidder shall be required to inspect the Site, including environmental or other

conditions, for pre-existing deficiencies that may affect the installed Product or that may affect Bidder’s ability to properly deliver, install or otherwise provide the required Product. All inquiries regarding such conditions shall be made in writing. Bidder shall be deemed to have knowledge of any deficiencies or conditions that such inspection or inquiry might have disclosed. Bidder must provide a detailed explanation with its Bid if additional work is required under this clause in order to properly provide the required Product.

15. PURCHASING CARD The State’s Purchasing Card program is designed to be an efficient and cost effective way to expedite purchases. The Purchasing Card (also referred to as the Procurement Card) is a credit card that enables Authorized Users to make authorized purchases directly from a Contractor without processing formal Purchase Orders. Purchasing Cards are issued to selected employees who are authorized to make purchases for the Authorized User. Cardholders can make purchases directly from any Contractor that accepts the Purchasing Card.

BID EVALUATION

16. BID EVALUATION The Commissioner reserves the right to accept or reject any and all Bids, or separable portions of Bids, and waive technicalities, irregularities, and omissions if the Commissioner determines the best interests of the State will be served. The Commissioner, in his or her sole discretion, may accept or reject illegible, incomplete or vague Bids, and the Commissioner’s decision shall be final. A conditional or revocable Bid which clearly communicates the terms or limitations of acceptance may be considered, and Contract award may be made in compliance with the Bidder’s conditional or revocable terms in the Bid.

17. TIE BIDS In the event two Bids are found to be substantially equivalent, price shall be the basis for determining the award recipient. While prompt payment discounts will not be considered in determining the low Bid, the Commissioner may consider any prompt payment discount in resolving Bids which are otherwise tied. If two or more Bidders submit substantially equivalent Bids as to pricing or other factors, the decision of the Commissioner to award a Contract to one or more of such Bidders shall be final.

18. QUANTITY CHANGES PRIOR TO AWARD The Commissioner reserves the right, at any time prior to the award of a specific quantity Contract, to alter in good faith the quantities listed in the Solicitation. In the event such right is exercised, the lowest responsible Bidder meeting the Solicitation requirements will be advised of the revised quantities and afforded an opportunity to extend or reduce its Bid price in relation to the changed quantities. Refusal by the low Bidder to so extend or reduce its Bid price may result in the rejection of its Bid and the award of such Contract to the lowest responsible Bidder who accepts the revised qualifications.

19. TIMEFRAME FOR OFFERS The Commissioner reserves the right to make awards within 60 days after the date of the Bid opening or such other period of time as set forth in the Solicitation. The Bids must remain firm until a Contract is awarded, but if a Contract is not awarded within 60 days or other time period set forth in the Solicitation, the Bidder may withdraw its Bid any time thereafter by delivering to the Commissioner written notice of the withdrawal of its Bid.

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20. DEBRIEFINGS Pursuant to Section 163(9)(c) of the State Finance Law, any unsuccessful Bidder may request a debriefing regarding the reasons that the Bid submitted by the Bidder was not selected for award. Requests for a debriefing must be made within 15 calendar days of notification by OGS that the Bid submitted by the Bidder was not selected for award. Requests should be submitted in writing to a designated contact identified in the Solicitation.

21. CONTRACT PUBLICITY Any Contractor press or media releases, advertisements, or promotional literature, regardless of the medium, referring to an awarded Contract must be reviewed and approved by the Commissioner prior to issuance. In addition, Contractor shall not use, for any purpose, the New York State of Opportunity registered trademark or the New York State coat of arms without prior written approval from the State.

TERMS & CONDITIONS

22. CONTRACT CREATION/EXECUTION Except for contracts governed by Article 11-B of the State Finance Law, subject to and upon receipt of all required approvals as set forth in the Solicitation, a Contract shall be deemed executed and created with the successful Bidders upon the Commissioner’s mailing or electronic communication to the address on the Bid/Contract of: (i) the final Contract Award Notice; (ii) a fully executed Contract; or (iii) a Purchase Order authorized by the Commissioner.

23. CONTRACT TERM - EXTENSION In addition to any stated extension periods in the Contract, any Contract or portion thereof awarded by the Commissioner may be extended by mutual agreement of the Commissioner and the Contractor for an additional period of up to one year. Such extension for up to an additional one-year period may be exercised on a month-to-month basis or in other stated periods of time.

24. OFFICIAL USE ONLY/NO PERSONAL USE The Contract is only for official use by Authorized Users. Use of the Contract for personal or private purposes is strictly prohibited.

25. PARTICIPATION IN CENTRALIZED CONTRACTS

a. State Agencies All State Agencies may utilize and purchase under any Centralized Contract let by the Commissioner, unless the Solicitation limits purchases to specific State Agencies.

b. Non-State Agency Authorized Users Authorized Users other than State Agencies are permitted to make purchases through Centralized Contracts where permitted by law, the Contract or the Commissioner.

c. Voluntary Extension Purchase Orders issued against a Centralized Contract by any Authorized User not provided for in the Contract shall be honored by the Contractor at its discretion and only with the approval of the OGS Commissioner and any other approvals required by law.

d. Responsibility for Performance Participation in Centralized Contracts by Authorized Users is permitted upon the following conditions: (i) the responsibility with regard to performance of any contractual obligation, covenant, condition or term thereunder by any Authorized User other than State Agencies shall be borne and is expressly assumed by such Authorized User and not by the State; (ii) a

breach of the Contract by any particular Authorized User shall neither constitute nor be deemed a breach of the Contract as a whole which shall remain in full force and effect, and shall not affect the validity of the Contract nor the obligations of the Contractor thereunder respecting non-breaching Authorized Users, whether State or otherwise; (iii) for a breach by an Authorized User other than a State Agency, the State specifically and expressly disclaims any and all liability for such breach; and (iv) each non-State Agency Authorized User and Contractor guarantees to hold the State, its officers, agents and employees harmless from any liability that may be or is imposed by the non-State Agency Authorized User’s or Contractor’s failure to perform in accordance with its obligations under the Contract.

e. Contract Migration Authorized Users holding individual Contracts with a Contractor at the time that Contractor is awarded a Centralized Contract for the same Products shall be permitted to migrate to that Centralized Contract effective with its commencement date. Such migration shall not operate to diminish, alter or eliminate any right that the Authorized User otherwise had under the terms and conditions of their individual Contract.

26. MODIFICATION OF CONTRACT TERMS The terms and conditions set forth in the Contract shall govern all transactions by Authorized Users under this Contract. The Contract may only be modified or amended upon mutual written agreement of the Commissioner and Contractor.

The Contractor may, however, offer any Authorized User more advantageous pricing, payment, or other terms and conditions than those set forth in the Contract. In such event, a copy of such terms shall be furnished to the Authorized User and Commissioner by the Contractor at the time of such offer.

Other than where such terms are more advantageous for the Authorized User than those set forth in the Contract, no alteration or modification of the terms of the Contract, including substitution of Product, shall be valid or binding against an Authorized User unless authorized by the Commissioner or specified in the Contract Award Notification. No such alteration or modification shall be made by unilaterally affixing such terms to Product upon delivery (including, but not limited to, attachment or inclusion of standard pre-printed order forms, product literature, “shrink wrap” terms accompanying software upon delivery, or other documents) or by incorporating such terms onto order forms, Purchase Orders or other documents forwarded by the Contractor for payment, notwithstanding Authorized User’s subsequent acceptance of Product, or that Authorized User has subsequently processed such document for approval or payment.

27. SCOPE CHANGES The Commissioner reserves the right to require, by written order, changes to the scope of the Contract, provided that such changes do not materially alter the general scope of the Contract. If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under the Contract, whether or not changed by the order, the Commissioner shall, upon notice from Contractor as hereafter stated, make an equitable adjustment in the Contract price, the delivery schedule or both and shall modify the Contract. The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Commissioner decides that the facts justify it, the Commissioner may provide an adjustment without receipt of a notice from Contractor. In the event of a dispute between the Contractor and the Commissioner, such dispute shall be resolved in accordance with the OGS Dispute Resolution

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Procedures; provided, however, that nothing in this clause shall excuse the Contractor from proceeding with the Contract as changed.

28. ESTIMATED/SPECIFIC QUANTITY CONTRACTS

Estimated quantity contracts, also referred to as indefinite delivery/indefinite quantity contracts, are expressly agreed and understood to be made for only the quantities, if any, actually ordered during the Contract term. No guarantee of any quantity is implied or given.

With respect to any specific quantity stated in the Contract, the Commissioner reserves the right after award to order up to 20% more or less (rounded to the next highest whole number) than the specific quantities called for in the Contract. Notwithstanding the foregoing, the Commissioner may purchase greater or lesser percentages of Contract quantities should the Commissioner and Contractor so agree. Such agreement may include an equitable price adjustment.

29. EMERGENCY CONTRACTS In the event that a disaster emergency is declared by Executive Order under Section 28 of Article 2-B of the Executive Law, or the Commissioner determines pursuant to his or her authority under Section 163(10)(b) of the State Finance Law that an emergency exists requiring the prompt and immediate delivery of Product, the Commissioner reserves the right to obtain such Product from any source, including but not limited to this Contract, as the Commissioner in his or her sole discretion determines will meet the needs of such emergency. Contractor shall not be entitled to any claim for lost profits for Product procured from other sources pursuant to this clause. The reasons underlying the finding that an emergency exists shall be included in the procurement record.

30. PURCHASE ORDERS Unless otherwise authorized in writing by the Commissioner, no Product is to be delivered or furnished by Contractor until transmittal of an official Purchase Order from the Authorized User. Unless terminated or cancelled pursuant to the authority vested in the Commissioner, Purchase Orders shall be effective and binding upon the Contractor (i) in the case of formal written Purchase Orders, when placed in the mail prior to the termination of the Contract and addressed to the Contractor at the address for receipt of orders set forth in the Contract or in the Contract Award Notification or (ii) in the case of electronic Purchase Orders or Purchasing Card purchases, when electronically transmitted to the Contractor prior to the termination of the Contract.

All Purchase Orders issued pursuant to a Contract let by the Commissioner must be identified with the appropriate Contract number and, if necessary, required State approvals. As deemed necessary, the Authorized User may confirm pricing and other Product information with the Contractor prior to placement of the Purchase Order. The State reserves the right to require any other information from the Contractor which the State deems necessary in order to complete any Purchase Order placed under the Contract. Unless otherwise specified, all Purchase Orders against Centralized Contracts will be placed by Authorized Users directly with the Contractor and any discrepancy between the terms stated on the Contractor's order form, confirmation or acknowledgment, and the Contract terms shall be resolved in favor of the terms most favorable to the Authorized User. Should an Authorized User add written terms and conditions to the Purchase Order that conflict with the terms and conditions of the Contract, the Contractor has the option of rejecting the Purchase Order within five business days of its receipt but shall first attempt to negotiate the additional written terms and conditions in good faith with the Authorized User, or fulfill the Purchase Order. Notwithstanding

the above, the Authorized User reserves the right to dispute any discrepancies arising from the presentation of additional terms and conditions with the Contractor.

If, with respect to an Agency Specific Contract let by the Commissioner, a Purchase Order is not received by the Contractor within two weeks after the issuance of a Contract Award Notification, it is the responsibility of the Contractor to request in writing that the appropriate Authorized User forward a Purchase Order. If, thereafter, a Purchase Order is not received within a reasonable period of time, the Contractor shall promptly notify in writing the appropriate purchasing officer in OGS. Failure to timely notify such officer may, in the discretion of the OGS Commissioner and without cost to the State, result in the cancellation of such requirement by the OGS Commissioner with a corresponding reduction in the Contract quantity and price.

31. PRODUCT DELIVERY Delivery must be made as ordered to the address specified on the Purchase Order and in accordance with the terms of the Contract. Delivery shall be made within 30 calendar days after receipt of a Purchase Order by the Contractor, unless otherwise agreed to by the Authorized User and the Contractor. The decision of the Commissioner as to compliance with delivery terms shall be final. The burden of proof for delay in receipt of a Purchase Order shall rest with the Contractor. In all instances of a potential or actual delay in delivery, the Contractor shall immediately notify the Commissioner and the Authorized User, and confirm in writing the explanation of the delay, and take appropriate action to avoid any subsequent late deliveries. Any extension of time for delivery must be requested in writing by the Contractor and approved in writing by the Authorized User. If compliance with the delivery time schedule is a material term of the Contract, failure to meet such delivery time schedule may be grounds for cancellation of the order or, in the Commissioner's discretion, the Contract.

32. WEEKEND AND HOLIDAY DELIVERIES Unless otherwise specified in the Contract or by an Authorized User, deliveries will be scheduled for ordinary business hours, Monday through Friday (excluding legal holidays observed by the State of New York). Deliveries may be scheduled by mutual agreement for Saturdays, Sundays or legal holidays observed by the State of New York where the Product is for daily consumption, an emergency exists, the delivery is a replacement, delivery is late, or other reasonable circumstance in which event the convenience of the Authorized User shall govern.

33. SHIPPING/RECEIPT OF PRODUCT

a. Packaging Product shall be securely and properly packed for shipment, storage and stocking in appropriate, clearly labeled shipping containers and according to accepted commercial practice, without any extra charges for packing materials, cases or other types of containers. The container shall become and remain the property of the Authorized User unless otherwise specified in the Contract documents.

b. Shipping Charges Unless otherwise stated in the Contract, all deliveries shall be deemed to be freight on board (F.O.B.) destination tailgate delivery at the dock of the Authorized User. Unless otherwise agreed, items purchased at a price F.O.B. shipping point plus transportation charges shall not relieve the Contractor from responsibility for safe and proper delivery notwithstanding the Authorized User's payment of transportation charges. Contractor shall be responsible for ensuring that the bill of lading states "charges prepaid" for all shipments.

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c. Receipt of Product The Contractor shall be solely responsible for assuring that deliveries are made to the locations and/or personnel specified by the Authorized User in the Purchase Order. Any losses or delays resulting from the Contractor's failure to deliver Product to the specified locations or personnel shall be borne exclusively by the Contractor.

34. TITLE AND RISK OF LOSS FOR PRODUCTS OTHER THAN TECHNOLOGY PRODUCTS Notwithstanding the form of shipment, title or other property interest, risk of loss for Products other than technology Products shall not pass from the Contractor to the Authorized User until the Products have been received, inspected and accepted by the receiving entity. Acceptance shall occur within a reasonable time or in accordance with such other defined acceptance period as may be specified in the Contract or Purchase Order. Mere acknowledgment by Authorized User personnel of the delivery or receipt of goods (e.g., signed bill of lading) shall not be deemed or construed as acceptance of the Products received. Any delivery of Product that is substandard or does not comply with the Contract may be rejected or accepted on an adjusted price basis, as determined by the Commissioner. Title, risk of loss, and acceptance for technology Products shall be governed by the Product Acceptance clause.

35. PRODUCT SUBSTITUTION In the event a specified Product listed in the Contract becomes unavailable or cannot be supplied by the Contractor for any reason (except as provided for in the Savings/Force Majeure clause), a Product deemed in writing by the Commissioner to be equal to or better than the specified Product must be substituted by the Contractor at no additional cost or expense to the Authorized User. Unless otherwise specified, any substitution of Product prior to the Commissioner's written approval may be cause for termination of Contract.

36. REJECTED PRODUCT When Product is rejected, it must be removed by the Contractor from the premises of the Authorized User within ten calendar days of notification of rejection by the Authorized User. Upon notification of rejection, risk of loss of rejected or non-conforming Product shall remain with Contractor. Rejected items not removed by the Contractor within ten calendar days of notification shall be regarded as abandoned by the Contractor, and the Authorized User shall have the right to dispose of Product as its own property. The Contractor shall promptly reimburse the Authorized User for any and all costs and expenses incurred in storage or effecting removal or disposition after the ten-calendar-day period.

37. INSTALLATION Where installation is required, Contractor shall be responsible for placing and installing the Product in the required locations. All materials used in the installation shall be of good quality and shall be free from any and all defects that would mar the Product or render it unsound. Installation includes the furnishing of any equipment, rigging and materials required to install or place the Product in the proper location. The Contractor shall protect the Site from damage for all its work and shall repair damages or injury of any kind caused by the Contractor, its employees, officers or agents. If any alteration, dismantling or excavation, etc. is required to effect installation, the Contractor shall thereafter promptly restore the structure or Site. Work shall be performed to cause the least inconvenience to the Authorized User and with proper consideration for the rights of other Contractors or workers. The Contractor shall promptly perform its work and shall coordinate its activities with those of other Contractors. The Contractor shall clean up and remove all debris and rubbish from its work as required or directed. Upon completion of the work, the building and surrounding area of work

shall be left clean and in a neat, unobstructed condition, and everything in satisfactory repair and order.

38. REPAIRED OR REPLACED PRODUCTS, PARTS, OR COMPONENTS Where the Contractor is required to repair, replace or substitute Product or parts or components of the Product under the Contract, the repaired, replaced or substituted Products shall be subject to all terms and conditions for new parts and components set forth in the Contract including warranties, as set forth in the Warranties clause herein. Replaced or repaired Product or parts and components of such Product shall be new and shall, if available, be replaced by the original manufacturer's component or part. Remanufactured parts or components meeting new Product standards may be permitted by the Commissioner or Authorized User. Before installation, all proposed substitutes for the original manufacturers' installed parts or components must be approved by the Authorized User. The part or component shall be equal to or of better quality than the original part or component being replaced.

39. EMPLOYEES, SUBCONTRACTORS AND AGENTS All employees, Subcontractors, or agents of the Contractor performing work under the Contract must be trained staff or technicians who meet or exceed the professional, technical, and training qualifications set forth in the Contract or the Purchase Order, and must comply with all security and administrative requirements of the Authorized User that are communicated to the Contractor. The Commissioner and the Authorized User reserve the right to conduct a security background check or otherwise approve any employee, Subcontractor, or agent furnished by Contractor and to refuse access to or require replacement of any personnel for cause based on professional, technical or training qualifications, quality of work or change in security status or non-compliance with Authorized User's security or other requirements. Such approval shall not relieve the Contractor of the obligation to perform all work in compliance with the Contract or the Purchase Order. The Commissioner and the Authorized User reserve the right to reject and/or bar from any facility for cause any employee, Subcontractor, or agent of the Contractor.

40. ASSIGNMENT In accordance with Section 138 of the State Finance Law, the Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of the Contract or its right, title or interest therein, or its power to execute such Contract to any other person, company, firm or corporation in performance of the Contract without the prior written consent of the Commissioner or Authorized User (as applicable); provided, however, any consent shall not be unreasonably withheld, conditioned, delayed or denied. The Commissioner may waive the requirement that such consent be obtained in advance where the Contractor verifies that the assignment, transfer, conveyance, sublease, or other disposition is due to, but not necessarily limited to, a reorganization, merger, or consolidation of the Contractor's business entity or enterprise.

Notwithstanding the foregoing, the State shall not hinder, prevent or affect assignment of money by a Contractor for the benefit of its creditors. Prior to a consent to assignment of monies becoming effective, the Contractor shall file a written notice of such monies assignments with the State Comptroller. Prior to a consent to assignment of a Contract, or portion thereof, becoming effective, the Contractor shall submit the request for assignment to the Commissioner and seek written agreement from the Commissioner which will be filed with the State Comptroller. Commissioner shall use reasonable efforts to promptly respond to any request by Contractor for an assignment, provided that Contractor supplies sufficient information about the party to whom the Contractor proposes to assign the Contract.

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Upon notice to the Contractor, the Contract may be assigned without the consent of the Contractor to another State Agency or subdivision of the State pursuant to a governmental reorganization or assignment of functions under which the functions are transferred to a successor Agency or to another Agency that assumes OGS responsibilities for the Contract.

41. SUBCONTRACTORS AND SUPPLIERS The Commissioner reserves the right to reject any proposed Subcontractor or supplier for bona fide business reasons, including, but not limited to: the company failed to solicit New York State certified minority- and women-owned business enterprises as required in prior OGS Contracts; the fact that such Subcontractor or supplier is on the New York State Department of Labor’s list of companies with which New York State cannot do business; the Commissioner’s determination that the company is not qualified or is not responsible; or the fact that the company has previously provided unsatisfactory work or services.

42. SUSPENSION OF WORK The Commissioner, in his or her sole discretion, reserves the right to suspend any or all activities under the Contract, at any time, in the best interests of the Authorized User. In the event of such suspension, the Contractor will be given a formal written notice outlining the particulars of such suspension. Examples of the reason for such suspension include, but are not limited to, a budget freeze or reduction in State spending, declaration of emergency, contract compliance issues or other circumstances. Upon issuance of such notice, the Contractor is not to accept any Purchase Orders, and shall comply with the suspension order. Activity may resume at such time as the Commissioner issues a formal written notice authorizing a resumption of performance under the Contract.

An Authorized User may issue a formal written notice for the suspension of work for which it has engaged the Contractor for reasons specified in the above paragraph. The written notice shall set forth the reason for such suspension and a copy of the written notice shall be provided to the Commissioner.

43. TERMINATION

a. For Cause For a material breach that remains uncured for more than 30 calendar days or other longer period as specified by written notice to the Contractor, the Contract or Purchase Order may be terminated by the Commissioner or Authorized User respectively. Neither the State nor an Authorized User shall be liable for any of Contractor’s costs arising from the failure to perform or the termination, including without limitation costs incurred after the date of termination. Such termination shall be upon written notice to the Contractor. In such event, the Commissioner or Authorized User may complete the contractual requirements in any manner it may deem advisable and pursue available legal or equitable remedies for breach.

b. For Convenience This Contract may be terminated at any time by the Commissioner for convenience upon 60 calendar days or other longer period as specified by written notice, without penalty or other early termination charges due. Such termination of the Contract shall not affect any project or Purchase Order that has been issued under the Contract prior to the date of such termination. If the Contract is terminated pursuant to this subdivision, the Authorized User shall remain liable for all accrued but unpaid charges incurred through the date of the termination. Contractor shall use due diligence and fulfill any outstanding Purchase Orders.

c. For Violation of Sections 139-j and 139-k of the State Finance Law The Commissioner reserves the right to terminate the Contract in the event it is found that the certification filed by the Bidder in accordance with Section 139-k of the State Finance Law was intentionally false or intentionally incomplete. Upon such finding, the Commissioner may exercise his or her termination right by providing written notification to the Contractor in accordance with the written notification terms of the Contract.

d. For Violation of Section 5-a of the New York State Tax Law The Commissioner reserves the right to terminate the Contract in the event it is found that the certification filed by the Contractor in accordance with Section 5-a of the Tax Law is not timely filed during the term of the Contract or the certification furnished was intentionally false or intentionally incomplete. Upon such finding, the Commissioner may exercise his or her termination right by providing written notification to the Contractor in accordance with the written notification terms of the Contract.

e. For Non-Responsibility The Bidder agrees that if it is found by the State that the Bidder’s responses to the Vendor Responsibility Questionnaire were intentionally false or intentionally incomplete, on such finding, the Commissioner may terminate the Contract.

Upon written notice to the Contractor, and a reasonable opportunity to be heard with appropriate OGS officials or staff, the Contract may be terminated by the Commissioner at the Contractor’s expense where the Contractor is determined by the Commissioner to be non-responsible. In such event, the Commissioner may complete the contractual requirements in any manner he or she may deem advisable and pursue available legal or equitable remedies for breach.

In no case shall such termination of the Contract by the State be deemed a breach thereof, nor shall the State be liable for any damages for lost profits or otherwise, which may be sustained by the Contractor as a result of such termination.

f. Upon Conviction of Certain Crimes The Commissioner reserves the right to terminate the Contract in the event it is found that a member, partner, director or officer of Contractor is convicted of one or more of the following: Bribery Involving Public Servants and Related Offenses as defined in Article 200 of the New York State Penal Law; Corrupting the Government as defined in Article 496 of the New York State Penal Law; or Defrauding the Government as defined in Section 195.20 of the New York State Penal Law.

44. SAVINGS/FORCE MAJEURE A force majeure occurrence is an event or effect that cannot be reasonably anticipated or controlled and is not due to the negligence or willful misconduct of the affected party. Force majeure includes, but is not limited to, acts of God, acts of war, acts of public enemies, terrorism, strikes, fires, explosions, actions of the elements, floods, or other similar causes beyond the control of the Contractor or the Commissioner in the performance of the Contract where non-performance, by exercise of reasonable diligence, cannot be prevented.

The affected party shall provide the other party with written notice of any force majeure occurrence as soon as the delay is known and provide the other party with a written contingency plan to address the force majeure occurrence, including, but not limited to, specificity on quantities of materials, tooling, people, and other resources that will need to be redirected to another facility and the process of redirecting

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them. Furthermore, the affected party shall use its commercially reasonable efforts to resume proper performance within an appropriate period of time. Notwithstanding the foregoing, if the force majeure condition continues beyond 30 days, the parties to the Contract shall jointly decide on an appropriate course of action that will permit fulfillment of the parties' objectives under the Contract.

The Contractor agrees that in the event of a delay or failure of performance by the Contractor under the Contract due to a force majeure occurrence:

- a. The Commissioner may purchase from other sources (without recourse to and by the Contractor for the costs and expenses thereof) to replace all or part of the Products which are the subject of the delay, which purchases may be deducted from the Contract quantities without penalty or liability to the State, or
- b. The Contractor will provide Authorized Users with access to Products first in order to fulfill orders placed before the force majeure event occurred. The Commissioner agrees that Authorized Users shall accept allocated performance or deliveries during the occurrence of the force majeure event.

Neither the Contractor nor the Commissioner shall be liable to the other for any delay in or failure of performance under the Contract due to a force majeure occurrence. Any such delay in or failure of performance shall not constitute default or give rise to any liability for damages. The existence of such causes of such delay or failure shall extend the period for performance to such extent as determined by the Contractor and the Commissioner to be necessary to enable complete performance by the Contractor if reasonable diligence is exercised after the cause of delay or failure has been removed.

Notwithstanding the above, at the discretion of the Commissioner where the delay or failure will significantly impair the value of the Contract to the State or to Authorized Users, the Commissioner may terminate the Contract or the portion thereof which is subject to delays, and thereby discharge any unexecuted portion of the Contract or the relative part thereof.

In addition, the Commissioner reserves the right, in his or her sole discretion, to make an equitable adjustment in the Contract terms and/or pricing should extreme and unforeseen volatility in the marketplace affect pricing or the availability of supply. "Extreme and unforeseen volatility in the marketplace" is defined as market circumstances which meet the following criteria: (i) the volatility is due to causes outside the control of Contractor; (ii) the volatility affects the marketplace or industry, not just the particular Contract source of supply; (iii) the effect on pricing or availability of supply is substantial; and (iv) the volatility so affects Contractor's performance that continued performance of the Contract would result in a substantial loss to the Contractor. In the event of a dispute between the Contractor and the Commissioner, such dispute shall be resolved in accordance with the OGS Dispute Resolution Procedures; provided, however, that nothing in this clause shall excuse the Contractor from performing in accordance with the Contract as changed.

45. CONTRACT INVOICING

a. Invoicing Contractor and the dealers/distributors/resellers designated by the Contractor, if any, shall provide complete and accurate billing invoices to each Authorized User in order to receive payment. Billing invoices submitted to an Authorized User must contain all information required by the Contract and the State Comptroller or other appropriate fiscal officer.

Contractor shall provide, upon request of the Commissioner, any and all information necessary to verify the accuracy of the billings. Such information shall be provided in a commercially reasonable manner as requested by the Commissioner. The Commissioner may direct the Contractor to provide the information to the State Comptroller or to any Authorized User of the Contract.

b. Payment of Contract Purchases made by an Authorized User when the State Comptroller is responsible for issuing such payment The Authorized User and Contractor agree that payments for invoices submitted by the Contractor shall only be rendered electronically unless payment by paper check is expressly authorized by the Commissioner, in the Commissioner's sole discretion, due to extenuating circumstances. Such electronic payments shall be made in accordance with ordinary State procedures and practices. The Contractor shall comply with the State Comptroller's procedures to authorize electronic payments. Authorization forms are available at the State Comptroller website at www.osc.state.ny.us, by e-mail at HelpDesk@sfs.ny.gov, or by telephone at (518) 457-7737 or toll free (877) 737-4185. Contractor acknowledges that it will not receive payment on any invoices submitted under this Contract that are payable by the State Comptroller if it does not comply with the State Comptroller's electronic payment procedures, except where the Commissioner has expressly authorized payment by paper check as set forth above.

c. Payment of Contract Purchases made by an Authorized User when the State Comptroller is not responsible for issuing such payment The Authorized User and Contractor agree that payments for such Contract purchases shall be billed directly by Contractor on invoices/vouchers, together with complete and accurate supporting documentation as required by the Authorized User. Such payments shall be as mandated by the appropriate governing law from the receipt of a proper invoice. Such Authorized User and Contractor are strongly encouraged to establish electronic payments.

46. DEFAULT – AUTHORIZED USER

a. Breach by Authorized User An Authorized User's breach shall not be deemed a breach of the Centralized Contract; rather, it shall be deemed a breach of the Authorized User's performance under the terms and conditions of the Centralized Contract.

b. Failure to Make Payment In the event a participating Authorized User fails to make payment to the Contractor for Products delivered, accepted and properly invoiced, within 30 calendar days of such delivery and acceptance, the Contractor may, upon five business days advance written notice to both the Commissioner and the Authorized User's purchasing official, suspend additional provision of Products to such entity until such time as reasonable arrangements have been made and assurances given by such entity for current and future Contract payments.

c. Notice of Breach Notwithstanding the foregoing, the Contractor shall, at least 10 business days prior to declaring a breach of Contract by any Authorized User, by certified or registered mail, notify both the Commissioner and the purchasing official of the breaching Authorized User of the specific facts, circumstances and grounds upon which a breach will be declared.

d. Insufficient basis If the Contractor's basis for declaring a breach is insufficient, the Contractor's declaration of breach and failure to

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provide Products to an Authorized User may constitute a breach of the Contract, and the Authorized User may thereafter seek any remedy available at law or equity.

47. PROMPT PAYMENTS

a. By State Agencies Upon acceptance of Product or as otherwise provided by Contract, Contractor may invoice for payment. The required payment date shall be 30 calendar days, excluding legal holidays, from the receipt of a proper invoice, as determined in accordance with State Finance Law Section 179-f(2) and 2 NYCRR Part 18. The payment of interest on certain payments due and owed by the State Agency may be made in accordance with State Finance Law Sections 179-d et seq. and the implementing regulations (2 NYCRR § 18.1 et seq.).

b. By Non-State Agencies Upon acceptance of Product or as otherwise provided by Contract, Contractor may invoice for payment. The required payment date shall be 30 calendar days, excluding legal holidays, or as mandated by the appropriate governing law from the receipt of a proper invoice. The terms of Article 11-A of the State Finance Law apply only to procurements by and the consequent payment obligations of State Agencies. Neither expressly nor by any implication is the statute applicable to non-State agency Authorized Users. Neither OGS nor the State Comptroller is responsible for payments on any purchases made by a non-State agency Authorized User.

c. By Contractor Should the Contractor be liable for any payments to the State hereunder, interest, late payment charges and collection fee charges will be determined and assessed pursuant to Section 18 of the State Finance Law.

48. REMEDIES FOR BREACH Unless otherwise specified by the Authorized User in a Mini-Bid or Purchase Order, in the event that Contractor fails to observe or perform any term or condition of the Contract and such failure remains uncured after 15 calendar days following written notice by the Commissioner or an Authorized User, the Commissioner or an Authorized User may exercise all rights and remedies available at law or in equity. Notwithstanding the foregoing, if such failure is of a nature that it cannot be cured completely within 15 calendar days and Contractor shall have commenced its cure of such failure within such period and shall thereafter diligently prosecute all steps necessary to cure such failure, such 15-day period may, in the sole discretion of the Commissioner or the Authorized User, be extended for a reasonable period in no event to exceed 60 calendar days. It is understood and agreed that the rights and remedies available to the Commissioner and Authorized Users in the event of breach shall include but not be limited to the following:

a. Cover/Substitute Performance In the event of Contractor's material, uncured breach, the Commissioner or Authorized User may, with or without issuing a formal Solicitation: (i) purchase from other sources; or (ii) if the Commissioner or Authorized User is unsuccessful after making reasonable attempts, under the circumstances then-existing, to timely obtain acceptable replacement Product of equal or comparable quality, the Commissioner or Authorized User may acquire acceptable replacement Product of lesser or greater quality. Such purchases may be deducted from the Contract quantity without penalty or liability to the State.

b. Withhold Payment In any case where a reasonable question of material, uncured non-performance by Contractor arises, payment may

be withheld in whole or in part at the discretion of the Authorized User.

c. Bankruptcy In the event that the Contractor files, or there is filed against Contractor, a petition under the U.S. Bankruptcy Code during the term of this Centralized Contract, Authorized Users may, at their discretion, make application to exercise their right to set-off against monies due the debtor or, under the doctrine of recoupment, be credited the amounts owed by the Contractor arising out of the same transactions.

d. Reimbursement of Costs Incurred The Contractor agrees to reimburse the Authorized User promptly for any and all additional costs and expenses incurred for acquiring acceptable replacement Product. Should the cost of cover be less than the Contract price, the Contractor shall have no claim to the difference. The Contractor covenants and agrees that in the event suit is successfully prosecuted for any default on the part of the Contractor, all costs and expenses, including reasonable attorney's fees, shall be paid by the Contractor.

Where the Contractor fails to timely deliver pursuant to the guaranteed delivery terms of the Contract, the ordering Authorized User may obtain replacement Product temporarily and the cost of the replacement Product shall be deducted from the Contract quantity without penalty or liability to the State.

e. Deduction/Credit Sums due as a result of these remedies may be deducted or offset by the Authorized User from payments due, or to become due, the Contractor on the same or another transaction. If no deduction or only a partial deduction is made in such fashion the Contractor shall pay to the Authorized User the amount of such claim or portion of the claim still outstanding, on demand. The Commissioner reserves the right to determine the disposition of any rebates, settlements, restitution, damages, etc., that arise from the administration of the Contract.

49. ASSIGNMENT OF CLAIM Contractor hereby assigns to the State any and all claims for overcharges associated with this Contract that may arise under the antitrust laws of the United States, 15 USC Section 1, et seq. and the antitrust laws of the State of New York, General Business Law Section 340, et seq.

50. TOXIC SUBSTANCES Each Contractor furnishing a toxic substance, as defined by Section 875 of the Labor Law, shall provide such Authorized User with not less than two copies of a Safety Data Sheet, which sheet shall include for each such substance the information outlined in Section 876 of the Labor Law.

Before any chemical product is used or applied on or in any building, a copy of the product label and Safety Data Sheet must be provided to and approved by the Authorized User.

51. INDEPENDENT CONTRACTOR It is understood and agreed that the legal status of the Contractor, its Subcontractors, agents, officers and employees under this Contract is that of an independent contractor, and in no manner shall they be deemed employees of the Authorized User, and therefore are not entitled to any of the benefits associated with such employment.

52. SECURITY Contractor warrants, covenants and represents that, in the performance of the Contract, Contractor, its agents, Subcontractors, officers, distributors, resellers and employees will comply fully with all security procedures of the Authorized User set

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forth in the Contract or Purchase Order or otherwise communicated in advance to the Contractor including but not limited to physical, facility, documentary and cyber security rules, procedures and protocols.

53. COOPERATION WITH THIRD PARTIES The Contractor shall be responsible for fully cooperating with any third party, including but not limited to other Contractors or Subcontractors of the Authorized User, as necessary to ensure delivery or performance of Product.

54. WARRANTIES

a. Product Performance Contractor hereby warrants and represents that the Products acquired by the Authorized User under this Contract conform to the manufacturer’s specifications, performance standards and Documentation and that the Documentation fully describes the proper procedure for using the Products.

b. Title and Ownership Contractor warrants and represents that it has (i) full ownership, clear title free of all liens, or (ii) the right to transfer or deliver specified license rights to any Products acquired by Authorized User under this Contract. Contractor shall be solely liable for any costs of acquisition associated therewith. Contractor shall indemnify Authorized Users and hold Authorized Users harmless from any damages and liabilities (including reasonable attorneys’ fees and costs) arising from any breach of Contractor’s warranties as set forth herein.

c. Product Warranty Contractor further warrants and represents that Products, components or parts specified and furnished by or through Contractor, whether specified and furnished individually or as a system, shall be substantially free from defects in material and workmanship and will conform to all requirements of the Contract for the manufacturer’s standard commercial warranty period, if applicable, or for a minimum of one year from the date of acceptance, whichever is longer (the “Product warranty period”).

During the Product warranty period, defects in the materials or workmanship of Products, components, or parts specified and furnished by or through Contractor, whether specified and furnished individually or as a system, shall be repaired or replaced by Contractor at no cost or expense to the Authorized User. Contractor shall extend the Product warranty period for individual Products, or for the system as a whole, as applicable, by the cumulative periods of time, after notification, during which an individual Product, or the system as a whole, requires repairs or replacement resulting in down time or is in the possession of the Contractor, its agents, officers, Subcontractors, distributors, resellers or employees (“extended warranty”).

Any component or part replaced by the Contractor under the Contract warranties shall be guaranteed for the greater of: (i) the Product warranty period set forth herein; or (ii) the manufacturer’s standard commercial warranty period offered for the component or part, if applicable.

All costs for materials, labor, and transportation incurred to repair or replace Products, parts, components, or systems as a whole during the warranty period shall be borne solely by the Contractor, and the State or Authorized User shall in no event be liable or responsible therefor.

Where Contractor, the Third-Party Software vendor, or other third-party manufacturer markets any Product delivered by or through Contractor with a standard commercial warranty, such standard warranty shall be in addition to, and not relieve the Contractor from, Contractor’s warranty obligations during the Product warranty and extended warranty periods. Where such standard commercial warranty covers all or some of the Product warranty or extended warranty periods, Contractor shall be responsible for the coordination during the Product warranty or extended warranty periods with Third-Party Software vendor or other third-party manufacturers for warranty repair or replacement of Third-Party Software vendor or other third-party manufacturer’s Product.

Where Contractor, Third-Party Software vendor, or other third-party manufacturer markets any Product with a standard commercial warranty that goes beyond the Product warranty or extended warranty periods, Contractor shall notify the Authorized User and pass through the standard commercial warranty to Authorized User at no additional charge; provided, however, that Contractor shall not be responsible for coordinating services under the standard commercial warranty after expiration of the Product warranty and extended warranty periods.

Unless recycled, recyclable, or recovered materials are available in accordance with the Remanufactured, Recycled, Recyclable, or Recovered Materials clause, Product offered shall be standard new equipment, current model or most recent release of regular stock product with all parts regularly used with the type of equipment offered. Contractor further warrants and represents that no component or part has been substituted or applied contrary to the manufacturer’s recommendations and standard practice.

Contractor shall not be responsible for any modification of the Products made by an Authorized User without Contractor’s approval.

d. Virus Warranty The Contractor represents and warrants that any Product acquired under the Contract by the Authorized User does not contain any known Viruses. Contractor is not responsible for Viruses introduced at an Authorized User’s Site.

e. Date/Time Warranty Contractor warrants that Product furnished pursuant to this Contract shall, when used in accordance with the Product Documentation, be able to accurately process date/time data (including, but not limited to, calculating, comparing, and sequencing) transitions, including leap year calculations. Where a Contractor proposes or an acquisition requires that specific Products must perform as a package or system, this warranty shall apply to the Products as a system.

Where Contractor is providing ongoing services, including but not limited to: (i) consulting, integration, code or data conversion, (ii) maintenance or support services, (iii) data entry or processing, or (iv) contract administration services (e.g., billing, invoicing, claim processing), Contractor warrants that services shall be provided in an accurate and timely manner without interruption, failure or error due to the inaccuracy of Contractor’s business operations in processing date/time data (including, but not limited to, calculating, comparing, and sequencing) various date/time transitions, including leap year calculations. Contractor shall be responsible for damages resulting from any delays, errors or untimely performance resulting therefrom, including but not limited to the failure or untimely performance of such services.

f. Workmanship Warranty Contractor warrants that the services acquired under this Contract will be provided in a professional and workmanlike manner in accordance with the applicable industry

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standards, if any. The Authorized User must notify Contractor of any services warranty deficiencies within 90 calendar days from performance of the services that gave rise to the warranty claim.

g. Survival of Warranties All warranties contained in this Contract shall survive the termination of this Contract.

h. Prompt Notice of Breach The Authorized User shall promptly notify the Contactor and the Commissioner in writing of any claim of breach of any warranty provided herein.

i. Additional Warranties Where Contractor, Product manufacturer or service provider generally offers additional or more advantageous warranties than those set forth herein, Contractor shall offer or pass through any such warranties to Authorized Users.

j. No Limitation of Rights The rights and remedies of the State and the Authorized Users provided in this clause are in addition to and do not limit any rights afforded to the State and the Authorized Users by any other clause of the Contract.

55. LEGAL COMPLIANCE Contractor represents and warrants that it shall secure all notices and comply with all applicable laws, ordinances, rules and regulations of any governmental entity in conjunction with the performance of obligations under the Contract. Prior to award and during the Contract term and any extensions thereof, Contractor must establish to the satisfaction of the Commissioner that it meets or exceeds all requirements of the Solicitation and Contract and any applicable laws, including but not limited to, permits, licensing, and shall provide such proof as required by the Commissioner. Failure to comply or failure to provide proof may constitute grounds for the Commissioner to terminate or suspend the Contract, in whole or in part, or to take any other action deemed necessary by the Commissioner. Contractor also agrees to disclose information and provide affirmations and certifications to comply with Sections 139-j and 139-k of the State Finance Law.

56. INDEMNIFICATION Contractor shall be fully liable for the actions of its agents, employees, partners or Subcontractors and shall fully defend, indemnify and hold the Authorized Users harmless from suits, actions, proceedings, claims, losses, damages, and costs (including reasonable attorney fees) of every name and description relating to personal injury and damage to real or personal tangible property caused by any intentional act or negligence of Contractor, its agents, employees, partners or Subcontractors, which shall arise from or result directly or indirectly from this Contract, without limitation; provided, however, that the Contractor shall not be obligated to indemnify an Authorized User for any claim, loss or damage arising hereunder to the extent caused by the negligent act, failure to act, gross negligence or willful misconduct of the Authorized User.

The Authorized User shall give Contractor: (i) prompt written notice of any action, claim or threat of suit, or other suit for which Contractor is required to fully indemnify an Authorized User, (ii) the opportunity to take over, settle or defend such action, claim or suit at Contractor's sole expense, and (iii) assistance in the defense of any such action, claim or suit at the expense of Contractor. Notwithstanding the foregoing, the State reserves the right to join such action, at its sole expense, if it determines there is an issue involving a significant public interest.

In the event that an action or proceeding at law or in equity is commenced against the Authorized User arising out of a claim for death, personal injury or damage to real or personal tangible property caused by any intentional or willful act, gross negligence, or negligence of Contractor, its agents, employees, partners or Subcontractors, which shall arise from or result directly or indirectly from the Products supplied under this Contract, and Contractor is of the opinion that the allegations in such action or proceeding in whole or in part are not covered by the indemnification and defense provisions set forth in the Contract, Contractor shall immediately notify the Authorized User and the New York State Office of the Attorney General in writing and shall specify to what extent Contractor believes it is obligated to defend and indemnify under the terms and conditions of the Contract and to what extent it is not so obligated to defend and indemnify. Contractor shall in such event protect the interests of the Authorized User and attempt to secure a continuance to permit the State and the Authorized User to appear and defend their interests in cooperation with Contractor, as is appropriate, including any jurisdictional defenses the State and Authorized User may have. In the event of a dispute regarding the defense, the Contractor and the Attorney General shall try to reach an amicable resolution, but the Attorney General shall have the final determination on such matters.

57. INDEMNIFICATION RELATING TO INFRINGEMENT

The Contractor shall also defend, indemnify and hold the Authorized Users harmless from all suits, actions, proceedings, claims, losses, damages, and costs of every name and description (including reasonable attorney fees), relating to a claim of infringement of a patent, copyright, trademark, trade secret or other proprietary right provided such claim arises solely out of the Products as supplied by the Contractor, and not out of any modification to the Products made by the Authorized User or by someone other than Contractor at the direction of the Authorized User without Contractor's approval; provided, however, that the Contractor shall not be obligated to indemnify an Authorized User for any claim, loss or damage arising hereunder to the extent caused by the negligent act, failure to act, gross negligence or willful misconduct of the Authorized User.

The Authorized User shall give Contractor: (i) prompt written notice of any action, claim or threat of suit alleging infringement, (ii) the opportunity to take over, settle or defend such action, claim or suit at Contractor's sole expense, and (iii) assistance in the defense of any such action, claim or suit at the expense of Contractor. Notwithstanding the foregoing, the State reserves the right to join such action, at its sole expense, if it determines there is an issue involving a significant public interest.

If usage of a Product shall be enjoined for any reason or if Contractor believes that it may be enjoined, Contractor shall have the right, at its own expense and sole discretion to take action in the following order of precedence: (i) to procure for the Authorized User the right to continue usage (ii) to modify the service or Product so that usage becomes non-infringing, and is of at least equal quality and performance; or (iii) to replace such Product or parts thereof, as applicable, with non-infringing Product of at least equal quality and performance. If the above remedies are not available, the parties shall terminate the Contract, in whole or in part as necessary and applicable, provided that the Authorized User is given a refund for any amounts paid for the period during which usage was not feasible.

In the event that an action or proceeding at law or in equity is commenced against the Authorized User arising out of a claim that the

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Authorized User's use of the Product under the Contract infringes any patent, copyright, trademark, trade secret or proprietary right, and Contractor is of the opinion that the allegations in such action or proceeding in whole or in part are not covered by the indemnification and defense provisions set forth in the Contract, Contractor shall immediately notify the Authorized User and the New York State Office of the Attorney General in writing and shall specify to what extent Contractor believes it is obligated to defend and indemnify under the terms and conditions of the Contract and to what extent it is not so obligated to defend and indemnify. Contractor shall in such event protect the interests of the Authorized User and attempt to secure a continuance to permit the State and the Authorized User to appear and defend their interests in cooperation with Contractor, as is appropriate, including any jurisdictional defenses the State and Authorized User may have. In the event of a dispute regarding the defense, the Contractor and the Attorney General shall try to reach an amicable resolution, but the Attorney General shall have the final determination on such matters. This constitutes the Authorized User's sole and exclusive remedy for infringement of a patent, copyright, trademark, trade secret, or other proprietary right.

58. LIMITATION OF LIABILITY Except as otherwise set forth in the Indemnification clause and the Indemnification Relating to Infringement clause, the limit of liability shall be as follows:

a. Contractor's liability for any claim, loss or liability arising out of, or connected with the Products provided, and whether based upon default, or other liability such as breach of contract, warranty, negligence, misrepresentation or otherwise, shall in no case exceed direct damages in: (i) an amount equal to two (2) times the charges specified in the Purchase Order for the Products forming the basis of the Authorized User's claim or (ii) five hundred thousand dollars (\$500,000), whichever is greater.

b. The Authorized User may retain such monies from any amount due Contractor as may be necessary to satisfy any claim for damages, costs and the like asserted against the Authorized User unless Contractor at the time of the presentation of claim shall demonstrate to the Authorized User's satisfaction that sufficient monies are set aside by the Contractor in the form of a bond or through insurance coverage to cover associated damages and other costs.

c. Notwithstanding the above, neither the Contractor nor the Authorized User shall be liable for any consequential, indirect or special damages of any kind which may result directly or indirectly from such performance, including, without limitation, damages resulting from loss of use or loss of profit by the Authorized User, the Contractor, or by others.

59. DISPUTE RESOLUTION PROCEDURES

It is the policy of OGS to provide interested parties, as defined in the OGS Dispute Resolution Procedures, with an opportunity to administratively resolve disputes, complaints or inquiries related to Solicitations, contract awards and contract administration. OGS encourages interested parties to seek resolution of disputes through consultation with OGS staff. All such matters shall be accorded impartial and timely consideration. Interested parties may also file formal written disputes. A copy of the OGS Dispute Resolution Procedures may be obtained by contacting the designated contact for the Solicitation, the Contract manager, or at the OGS website. OGS reserves the right to change the procedures set forth in the Dispute Resolution Procedures without seeking a Contract amendment.

To the extent the scope of the Solicitation or Contract includes the sale, development, maintenance, or use of information technology Products such as software, computer components, systems, or networks for the processing, and distribution, or storage, or storage of data, the following clauses shall govern, as applicable.

60. SOFTWARE LICENSE GRANT Where Product is acquired on a licensed basis the following shall constitute the license grant:

a. License Scope Licensee is granted a non-exclusive, perpetual license to use, execute, reproduce, display, perform, or merge the Product within its business enterprise in the United States up to the maximum licensed capacity stated on the Purchase Order. Product may be accessed, used, executed, reproduced, displayed or performed up to the capacity measured by the applicable licensing unit stated on the Purchase Order (e.g., payroll size, number of employees, CPU, MIPS, MSU, concurrent user, workstation, virtual partition). Licensee shall have the right to use those modifications or customizations of the Product that have been purchased by Licensee and to distribute such modifications or customizations for use by any Authorized Users otherwise licensed to use the Product, provided that any modifications or customizations, however extensive, shall not diminish Licensor's proprietary title or interest. No license, right or interest in any trademark, trade name, or service mark is granted hereunder.

Licensee and Contractor may agree to alternative licensing rights (e.g., subscription, term, virtual) for specific Products used by the Contractor in performing the services, provided such agreement is reached prior to Bid, Mini-Bid, RFQ, or Contract award, as applicable. Such licensing rights will be specified in an applicable Purchase Order or other document approved by Licensee and Contractor.

b. License Term The license term shall commence upon the License Effective Date, provided, however, that where an acceptance or trial period applies to the Product, the license term shall be extended by the time period for testing, acceptance or trial.

c. Product Documentation Contractor shall provide Product Documentation electronically to Licensee at no charge. If Product Documentation is made available to customers in hard copy, Contractor shall provide at no charge one hard copy.

Contractor hereby grants to Licensee a non-exclusive, fully paid-up, royalty-free perpetual license in the Product Documentation to make, reproduce, and distribute, either electronically or otherwise, copies of the Product Documentation as necessary to enjoy full use of the Product in accordance with the Contract.

d. Product Technical Support & Maintenance Licensee shall have the option of electing the Product technical support and maintenance ("maintenance") set forth in the Contract by giving written notice to Contractor any time during the Centralized Contract term. Contractor shall fully disclose all terms and conditions of maintenance available to Licensee, including the extent to which updates, upgrades, revisions, and new releases are included in maintenance. Maintenance terms and any renewals thereof are independent of the expiration of the Centralized Contract term and shall not automatically renew.

Unless otherwise provided by written agreement between the Contractor and Licensee, maintenance offered shall include, at a minimum, (i) the provision of Error Corrections, updates,

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enhancements, revisions, Patches, and upgrades to Licensee, and (ii) help desk assistance at no additional cost, either by toll-free telephone or on-line functionality. Contractor shall maintain the Product so as to provide Licensee with the ability to utilize the Product in accordance with the Product Documentation without significant functional downtime to its ongoing business operations during the maintenance term.

Licensee shall not be required to purchase maintenance for use of Product, and may discontinue maintenance at the end of any current maintenance term upon notice to Contractor. In the event that Licensee does not initially acquire or discontinues maintenance of licensed Product, it may, at any time thereafter, reinstate maintenance for Product without any additional penalties or other charges, by paying Contractor the amount that would have been due under the Contract for the period of time that such maintenance had lapsed, at then current NYS net maintenance rates. Contractor shall submit written notification to Licensees of the upcoming maintenance end date no later than 60 calendar days prior to such maintenance end date.

e. Permitted License Transfers As Licensee’s business operations may be altered, expanded or diminished, licenses granted hereunder may be transferred or combined for use at an alternative or consolidated Site not originally specified in the license, including transfers within Agencies, between Agencies, and pursuant to governmental restructuring or reorganization (“permitted license transfers”). Licensees do not have to obtain the approval of Contractor for permitted license transfers, but must give 30 days prior written notice to Contractor of such moves and certify in writing that the Product is not in use at the prior Site. There shall be no additional license or other transfer fees due Contractor, provided that: (i) the maximum capacity of the consolidated machine is equal to the combined individual license capacity of all licenses running at the consolidated or transferred Site (e.g., named users, seats, or MIPS); or (ii) if the maximum capacity of the consolidated machine is greater than the individual license capacity being transferred, a logical or physical partition or other means of restricting access will be maintained within the computer system so as to restrict use and access to the Product to that unit of licensed capacity solely dedicated to beneficial use for Licensee. In the event that the maximum capacity of the consolidated machine is greater than the combined individual license capacity of all licenses running at the consolidated or transferred Site, and a logical or physical partition or other means of restricting use is not available, the fees due Contractor shall not exceed the fees otherwise payable for a single license for the upgrade capacity.

f. Restricted Use By Third Parties Third parties retained by Licensee shall have the right to use the Product to maintain Licensee’s business operations, including data processing, for the time period that they are engaged in such activities, provided that: (i) Licensee gives notice to Contractor of such third party, Site of intended use of the Product, and means of access; and (ii) such third party has executed, or agrees to execute, the Product manufacturer’s standard nondisclosure or restricted use agreement, which executed agreement shall be accepted by the Contractor (“Non-Disclosure Agreement”); and (iii) such third party maintains a logical or physical partition within its computer system so as to restrict use and access to the program to that portion solely dedicated to beneficial use for Licensee. In no event shall Licensee assume any liability for third party’s compliance with the terms of the Non-Disclosure Agreement, nor shall the Non-Disclosure Agreement create or impose any liabilities on the State or Licensee.

g. Archival Back-Up and Disaster Recovery Licensee may use and copy the Product and related Documentation in connection with: (i) reproducing a reasonable number of copies of the Product for archival backup and disaster recovery procedures; (ii) reproducing a reasonable number of copies of the Product and related Documentation for cold site storage; (iii) reproducing a back-up copy of the Product to run for a reasonable period of time in conjunction with a documented consolidation or transfer otherwise allowed herein. The phrase “cold site storage” means a restorable back-up copy of the Product not to be installed until the need for disaster recovery arises. The phrase “disaster recovery” means the installation and storage of Product in ready-to-execute, back-up computer systems prior to disaster or breakdown which is not used for active production or development. Contractor shall fully disclose all archival back-up and disaster recovery options available to Licensee (e.g., cold, warm, and hot back-up), including all terms and conditions, additional charges, or use authorizations associated with such options.

h. Confidentiality Restrictions If any portion of the Product or Product Documentation contains confidential, proprietary, or trade secret information, the Contractor shall identify such information in writing to the Licensee. The terms of Licensee’s use and disclosure of such information shall be governed by a written agreement between the Contractor and the Licensee, which, in the case of Licensees that are State or local governmental entities, recognizes that they are subject to the New York Freedom of Information Law.

i. Restricted Use by Licensee Except as expressly authorized by the Terms of License, Licensee shall not: (i) copy the Product; (ii) cause or permit reverse compilation or reverse assembly of all or any portion of the Product; or (iii) export the Licensed Software in violation of the Export Administration Regulations (EAR) or the International Traffic in Arms Regulations (ITAR).

61. PRODUCT ACCEPTANCE Unless otherwise provided by mutual agreement of the Authorized User and the Contractor, an Authorized User shall have 30 days from the date of delivery to accept hardware Products and 60 days from the date of delivery to accept all other Product. Where the Contractor is responsible for installation, acceptance shall be from completion of installation. Title or other property interest and risk of loss shall not pass from Contractor to the Authorized User until the Products have been accepted. Failure to provide notice of acceptance or rejection or a deficiency statement to the Contractor by the end of the period provided for under this clause constitutes acceptance by the Authorized User as of the expiration of that period. The license term shall be extended by the time periods allowed for trial use, testing and acceptance.

Unless otherwise provided by mutual agreement of the Authorized User and the Contractor, Authorized User shall have the option to run testing on the Product prior to acceptance, such tests and data to be specified by Authorized User. Where using its own data or tests, Authorized User must have the tests or data available upon delivery. This demonstration will take the form of a documented installation test, capable of observation by the Authorized User, which shall be made part of the Contractor’s standard documentation and shall be covered by the Product warranty. The test data shall remain accessible to the Authorized User after completion of the test.

In the event that the documented installation test cannot be completed successfully within the specified acceptance period, and the Contractor or Product is responsible for the delay, Authorized User shall have the

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option to cancel the order in whole or in part, or to extend the testing period for an additional 30 day increment. Authorized User shall notify Contractor of acceptance upon successful completion of the documented installation test. Such cancellation shall not give rise to any cause of action against the Authorized User for damages, loss of profits, expenses, or other remuneration of any kind.

Unless otherwise provided by mutual agreement of the Authorized User and the Contractor, if the Authorized User elects to provide a deficiency statement specifying how the Product fails to meet the specifications within the testing period, Contractor shall have 30 days to correct the deficiency, and the Authorized User shall have an additional 60 days to evaluate the Product as provided herein.

If the Product does not meet the specifications at the end of the extended testing period, Authorized User, upon prior written notice to Contractor, may then reject the Product and return all defective Product to Contractor, and Contractor shall refund any monies paid by the Authorized User to Contractor therefor. Costs and liabilities associated with a failure of the Product to perform in accordance with the functionality tests or product specifications during the acceptance period shall be borne fully by Contractor to the extent that said costs or liabilities shall not have been caused by negligent or willful acts or omissions of the Authorized User's agents or employees. Said costs shall be limited to the amounts set forth in the Limitation of Liability clause for any liability for costs incurred at the direction or recommendation of Contractor. When Product is not accepted, it must be removed by the Contractor from the premises of the Authorized User within ten calendar days of notification of non-acceptance by the Authorized User. Rejected items not removed by the Contractor within the ten calendar day period shall be regarded as abandoned by the Contractor and the Authorized User shall have the right to dispose of Product as its own property. The Contractor shall promptly reimburse the Authorized User for any costs incurred in storage or effecting removal or disposition after the ten calendar day period.

62. AUDIT OF LICENSED PRODUCT USAGE Contractor shall have the right to periodically audit, no more than annually, at Contractor's expense, use of licensed Product at any Site where a copy of the Product resides. Contractor may conduct such audits remotely or on Site. If conducted remotely and if Contractor makes a license management program available, the Licensee agrees to install such program and use it within a reasonable period of time, provided such program meets Licensee's security or other requirements. If conducted on Site: (i) Contractor shall give Licensee at least 30 days advance written notice, (ii) such audit shall be conducted during Licensee's normal business hours, (iii) the audit shall be conducted by an independent auditor chosen on mutual agreement of the parties. Contractor shall recommend a minimum of three auditing/accounting firms from which the Licensee will select one; and (iv) Contractor and Licensee are each entitled to designate a representative who shall be entitled to participate, and who shall mutually agree on audit format, and simultaneously review all information obtained by the audit. Such representatives also shall be entitled to copies of all reports, data or information obtained from the audit. If the audit shows that such party is not in compliance, Licensee shall be required to purchase additional licenses or capacities necessary to bring it into compliance and shall pay for the unlicensed capacity at the net pricing in effect under the Contract at time of audit, or if none, then at the Contractor's U.S. commercial list price. Once such additional licenses or capacities are purchased, Licensee shall be deemed to have been in compliance retroactively, and Licensee shall have no further liability of any kind for the unauthorized use of the software.

In the event of an on-Site audit, the Software Alliance, Software Publishers Association (SPA), Software and Industry Information Association (SIIA) or Federation Against Software Theft (FAST) may not be used directly or indirectly to conduct such audit, nor may such entities be recommended by Contractor.

63. NO HARDSTOP OR PASSIVE LICENSE MONITORING

Unless otherwise expressly agreed to by the Licensee, the Product and all upgrades shall not contain any computer code that would disable the Product or upgrades or impair in any way its operation based on the elapsing of a period of time, exceeding an authorized number of copies, advancement to a particular date or other numeral, or other similar self-destruct mechanisms (sometimes referred to as "time bombs," "time locks," or "drop dead" devices) or that would permit Contractor to access the Product to cause such disablement or impairment (sometimes referred to as a "trap door" device). Any Contractor access to the Product agreed to by Licensee as provided above shall be in accordance with Licensee's security or other requirements. Contractor agrees that in the event of a breach of this provision that Licensee shall not have an adequate remedy at law, including monetary damages, and that Licensee shall consequently be entitled to seek a temporary restraining order, injunction, or other form of equitable relief against the continuance of such breach, in addition to any and all remedies to which Licensee shall be entitled.

64. OWNERSHIP/TITLE TO PROJECT DELIVERABLES

This clause shall apply where Contractor is commissioned by the Authorized User to furnish project deliverables as detailed in the Purchase Order.

a. Definitions

(i) For purposes of this clause, "Products" means deliverables furnished under this Contract by or through Contractor, including existing and custom Products, including, but not limited to: a) components of the hardware environment, b) printed materials (including but not limited to training manuals, system and user documentation, reports, drawings), whether printed in hard copy or maintained on electronic media c) Third-Party Software, d) modifications, customizations, custom programs, program listings, programming tools, data, modules, components, and e) any properties embodied therein, whether in tangible or intangible form (including but not limited to utilities, interfaces, templates, subroutines, algorithms, formulas, Source Code, object code).

(ii) For purposes of this clause, "Existing Products" means tangible Products and intangible licensed Products that exist prior to the commencement of work under the Contract. Contractor bears the burden of proving that a particular product was in existence prior to the commencement of the project.

(iii) For purposes of this clause, "Custom Products" means Products, preliminary, final, or otherwise, that are created or developed by Contractor, its Subcontractors, partners, employees, or agents for Authorized User under the Contract.

b. Title to Project Deliverables Unless otherwise specified in writing in the Purchase Order, the Authorized User shall have ownership and license rights as follows:

(i) Existing Products:

1. Hardware - Title and ownership of Existing hardware Products shall pass to Authorized User upon acceptance.

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2. Software - Title and ownership to Existing software Products delivered by Contractor under the Contract that is normally commercially distributed on a license basis by the Contractor or other Third-Party Software vendor (“Existing Licensed Product”), whether or not embedded in, delivered or operating in conjunction with hardware or Custom Products, shall remain with Contractor or the Third-Party Software vendor. Effective upon acceptance, such Product shall be licensed to Authorized User in accordance with the Contractor or Third-Party Software vendor’s standard license agreement; provided, however, that such standard license, must, at a minimum: (a) grant Authorized User a non-exclusive, perpetual license to use, execute, reproduce, display, perform, adapt (unless Contractor advises Authorized User as part of Contractor’s proposal that adaptation will violate existing agreements or statutes and Contractor demonstrates such to the Authorized User’s satisfaction) and distribute Existing Licensed Product to the Authorized User up to the license capacity stated in the Purchase Order or work order with all license rights necessary to fully effect the general business purposes stated in the Solicitation or Authorized User’s Purchase Order or work order, including the financing assignment rights set forth in paragraph (c) below; and (b) recognize the State of New York as the Licensee where the Authorized User is a State Agency, department, board, commission, office or institution. Where these rights are not otherwise covered by the Third-Party Software vendor’s standard license agreement, the Contractor shall be responsible for obtaining these rights at its sole cost and expense. The Authorized User shall reproduce all copyright notices and any other legend of ownership on any copies authorized under this clause.

(ii) Custom Products: Effective upon creation of Custom Products, Contractor hereby conveys, assigns and transfers to Authorized User the sole and exclusive rights, title and interest in Custom Products, whether preliminary, final or otherwise, including all trademark and copyrights. Contractor hereby agrees to take all necessary and appropriate steps to ensure that the Custom Products are protected against unauthorized copying, reproduction and marketing by or through Contractor, its agents, employees, or Subcontractors. Nothing herein shall preclude the Contractor from otherwise using the related or underlying general knowledge, skills, ideas, concepts, techniques and experience developed under a Purchase Order, project definition or work order in the course of Contractor’s business. Authorized User may, by providing written notice thereof to the Contractor, elect in the alternative to take a non-exclusive perpetual license to Custom Products in lieu of Authorized User taking exclusive ownership and title to such Products. In such case, Licensee on behalf of all Authorized Users shall be granted a non-exclusive perpetual license to use, execute, reproduce, display, perform, adapt and distribute Custom Product as necessary to fully effect the general business purposes as stated in paragraph (b)(i)(2), above.

c. Transfers or Assignments to a Third-Party Financing Agent It is understood and agreed by the parties that a condition precedent to the consummation of the purchases under the Contract may be the obtaining of acceptable third-party financing by the Authorized User. The Authorized User shall make the sole determination of the acceptability of any financing proposal. The Authorized User will make all reasonable efforts to obtain such financing, but makes no representation that such financing has been obtained as of the date of Bid receipt. Where financing is used, Authorized User may assign or transfer its rights in Licensed Products (existing or custom) to a third-party financing entity or trustee (“Trustee”) as collateral where required by the terms of the financing agreement. Trustee’s sole rights with respect to transferability or use of Licensed Products shall be to

exclusively sublicense to Authorized User all of its Licensee’s rights under the terms and conditions of the License Agreement; provided, further, however, in the event of any termination or expiration of such sublicense by reason of payment in full, all of Trustee’s rights in such Licensed Product shall terminate immediately and Authorized User’s prior rights to such Existing Licensed Product shall be revived.

d. Sale or License of Custom Products Involving Tax-Exempt Financing (i.e., Certificates of Participation - COPS) The Authorized User’s sale or other transfer of Custom Products which were acquired by the Authorized User using third-party, tax-exempt financing may not occur until such Custom Products are, or become, useable. In the event that the Contractor wishes to obtain ownership rights to Custom Products, the sale or other transfer shall be at fair market value determined at the time of such sale or other transfer, and must be pursuant to a separate written agreement in a form acceptable to the Authorized User which complies with the terms of this clause.

e. Contractor’s Obligation with Regard to Third-Party Software Where Contractor furnishes Existing Licensed Products as a project deliverable, and sufficient rights necessary to effect the purposes of this section are not otherwise provided in the Contractor or the Third-Party Software vendor’s standard license agreement, Contractor shall be responsible for obtaining from the Third-Party Software proprietary owner/developer the rights set forth herein to the benefit of the Authorized User at Contractor’s sole cost and expense.

65. PROOF OF LICENSE The Contractor must provide to each Licensee who places a Purchase Order either: (i) the Product developer’s certified license confirmation certificates in the name of such Licensee; (ii) a written confirmation from the proprietary owner accepting Product invoice as proof of license; or (iii) other similar proof of license. All proofs of license must be in a form acceptable to the Licensee.

66. CHANGES TO PRODUCT OR SERVICE OFFERINGS
a. Product or Service Discontinuance Where Contractor is the Product manufacturer/developer, and Contractor publicly announces to all U.S. customers (“date of notice”) that a Product is being withdrawn from the U.S. market or that maintenance service or technical support provided by Contractor (“withdrawn support”) is no longer going to be offered, Contractor shall be required to: (i) notify the Commissioner and each Licensee then under contract for maintenance or technical support in writing of the intended discontinuance; and (ii) continue to offer Product or withdrawn support upon the Contract terms previously offered for the greater of: (a) the best terms offered by Contractor to any other similarly situated, supported customer, or (b) not less than 12 months from the date of notice; and (iii) at Licensee’s option, and in order to enable Licensee to continue the use and maintenance of the Product, provide Licensee with a Product replacement or migration path with at least equivalent functionality at no additional charge, provided that Licensee is under contract for maintenance on the date of notice and Contractor is offering such replacement or migration path to all of its similarly situated, supported customers without additional charge.

In the event that the Contractor is not the Product manufacturer, Contractor shall be required to: (i) provide the notice required under the paragraph above, to the entities described within five business days of Contractor receiving notice from the Product manufacturer, and (ii) include in such notice the period of time from the date of notice that the Product manufacturer will continue to provide Product or withdraw support.

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The provisions of this subdivision (a) shall not apply or eliminate Contractor's obligations where withdrawn support is being provided by an independent Subcontractor. In the event that such Subcontractor ceases to provide service, Contractor shall be responsible for subcontracting such service, subject to State approval, to an alternate Subcontractor.

b. Product or Service Re-Bundling In the event that Contractor is the Product manufacturer and publicly announces to all U.S. customers ("date of notice") that a Product or maintenance or technical support offering is being re-bundled in a different manner from the structure or licensing model of the prior U.S. commercial offering, Contractor shall be required to: (i) notify the Commissioner and each Licensee in writing of the intended change; (ii) continue to provide Product or withdrawn support upon the same terms and conditions as previously offered on the then-current NYS Contract for the greater of: (a) the best terms offered by Contractor to any other similarly situated, supported customer, or (b) not less than 12 months from the date of notice; and (iii) shall submit the proposed rebundling change to the Commissioner for approval prior to its becoming effective for the remainder of the Contract term. The provisions of this section do not apply if the Contractor is not the Product manufacturer.

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CONTRACT MODIFICATION PROCEDURE

APPENDIX C

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APPENDIX C

The following guidelines are subject to change at the discretion of OGS. A Contract Amendment requires a formally executed document by mutual agreement of the Parties, to be provided by OGS Contract Administrator, after submission and approval of the Contract Modification Form.

- (1) **TYPES OF CONTRACT MODIFICATIONS:** In order to expedite processing of a contract modification, where proposed changes involve more than one category below, each change should be submitted to OGS as a separate request.
 - a) **UPDATES:** “Updates” are changes that do not require a change to the established Centralized Contract terms and conditions. Updates may include: Centralized Contract changes and updates made in accordance with the previously approved pricing formula (e.g. discount from list price); adding new products or services within the established, previously approved pricing structure; lowering pricing of products or services already on Contract, deleting products or services available through the Centralized Contract, adding product or service that do not fall under the previously established price structure or discounts under the Contract, re-bundled products, and other updates not listed above that are deemed to be in the best interest of the State and do not result in a change to the established Centralized Contract terms and conditions. Updates must be submitted to OGS for review, and must be accompanied by a justification of reasonableness of price if the change results in a change in pricing methodology. OGS will notify Contractor in writing if approved.
 - b) **AMENDMENTS:** “Amendments” are changes that are not specifically covered by the terms and conditions of the Centralized Contract but inclusion is found to be in the best interest of the State. Requests for product changes and other requests that would require changes to the terms and conditions of the Centralized Contract would fall into the Amendments category. Contractor must provide a written justification of reasonableness of the price levels offered in the applicable Program Agreement and a statement explaining why it is in the best interest of the State to approve the requested amendment. Amendments typically require negotiation between OGS and the Contractor. OGS will work directly with the Contractor to obtain the required documentation for each requested amendment and notify Contractor in writing if approved.
- (2) **CONTRACTOR’S SUBMISSION OF CONTRACT MODIFICATIONS:** In connection with any Contract modification, OGS reserves the right to:
 - request additional information
 - reject Contract modifications
 - remove Products from Contract modification requests
 - request additional discounts for new or existing Products
- (3) **PRICE LEVEL JUSTIFICATION – FORMAT:** Contractor is required to submit the Product and price level information for the update in an Excel spreadsheet format electronically via e-mail (and in hard copy if requested by OGS) to the OGS Contract Administrator. The list must be dated. The Product and price level information should include and identify (e.g., by use of separate worksheets or by using italics, bold and/or color fonts):
 - Price level increases
 - Price level decreases
 - Products being added
- (4) **SUPPORTING DOCUMENTATION:** Each modification request must include the current contract pricing discount relevant to the Products included in the update.
- (5) **SUBMITTAL OF MODIFICATION REQUESTS:** A Contract modification request must be accompanied by a completed Contract Modification Form. Contractor should briefly describe the nature and purpose of the update (e.g., update requested in order to reflect a recently approved GSA schedule, to restructure the price level to its customers generally, and/or for new Products which fall into a new group or category that did not exist at the time of approval of the Contract by OGS). The Contract Modification Form must contain original signatures by an individual authorized to sign on behalf of Contractor and must be notarized.

CONTRACT MODIFICATION PROCEDURE

APPENDIX C



STATE OF NEW YORK
 EXECUTIVE DEPARTMENT - OFFICE OF GENERAL SERVICES
 Corning Tower – 38th Floor
 Empire State Plaza
 Albany, New York 12242

Serving New York

CONTRACT MODIFICATION FORM

DATE OF THIS SUBMISSION:	DATE DOCUMENTATION EMAILED:
CONTRACTOR NAME: _____ OGS GROUP #: _____ OGS AWARD #: _____ OGS CONTRACT #: _____	CONTRACTOR CONTACT: Name: _____ Phone #: _____ Email: _____

NOTE: Submission of this FORM does not constitute acceptance by the State of New York until approved by the appropriate New York State representative(s).

INSTRUCTIONS:

1. This form is to be used for all Contract modifications. The form is to be completed in full, signed and submitted to OGS for final approval. Any submission that is not complete and signed will be rejected.
2. Contractor is required to submit the Product and price level information for the update electronically via e-mail in either an Excel spreadsheet (and in hardcopy if requested by OGS) to the OGS Contract Administrator for this Contract.
3. Price level increase requests must be submitted in accordance with the Centralized Contract.
4. If more than one type of modification is being requested, each type should be submitted as a separate request.
5. The Contract modification request must be accompanied by the relevant current contract pricing discount information.

COMPLETE STATEMENTS 1 THROUGH 5 BELOW:

1. This request is for an: <input type="checkbox"/> Update <input type="checkbox"/> Amendment See Contract Modification Procedure for an explanation of these terms.	2. The intent of this submittal is to request: <input type="checkbox"/> Addition of new products or services <input type="checkbox"/> Deletion of products or services <input type="checkbox"/> Change in pricing level <input type="checkbox"/> Other Update <input type="checkbox"/> Other Amendment
3. All discounts are: <input type="checkbox"/> GSA <input type="checkbox"/> Most Favored Nation* <input type="checkbox"/> Other (provide explanation) _____ _____ _____ _____ *Prices offered are the lowest offered to any similarly situated entity.	4. Attached documentation includes: <input type="checkbox"/> Current approved GSA (labeled "For information only") <input type="checkbox"/> Current relevant Price List (labeled "For information only") <input type="checkbox"/> Revised NYS Net Price List in same format as found in the Pricing Appendix for this Contract <input type="checkbox"/> Current copy of the "National Consumer Price Index for All Urban Consumers (CPI-U) Northeast region" (for price increases only)

