



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000128668 LABOR, MATERIAL AND EQUIPMENT NECESSARY TO
COAT AND RESTRIPE THE PARKING LOT AT FIRST PARISH COURT
Jefferson Parish Government**

Project documents obtained from www.CentralBidding.com

05-Nov-2019 10:49:32 AM



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

June 2019

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

DEDUCTIBLES: The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

PROTESTS: Only those vendors that submit bids in response to a solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

Please contact the Jefferson Parish Purchasing Department at 504-364-2678 if you have any questions or need assistance.



Bid Number 50 - 00128668

Labor, material and equipment necessary to coat and restripe the parking lot at First Parish Court

November 20, 2019 at 11:00 am

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053**

**Buyer Name: Doris Abraham, Buyer I
Buyer Email: dabraham@jeffparish.net
Buyer Phone: 504-364-2690**

DATE: 11/05/2019

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00128668

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: DABRAHAM@jeffparish.net

Bids will be received until 11:00 AM, 11/20/2019 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online.

This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

2, 3, 4, 5, 6, 8, 9, 10, 11, 13, 15

PRE-BID CONFERENCE TO BE HELD AT: First Parish Court, 924 David Dr, Met, LA
at 9:30 A.M.
ON 11/13/2019

1. All bidders must attend the **MANDATORY** pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the **MANDATORY** pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 11/05/2019

INVITATION TO BID
THIS IS NOT AN ORDER

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BID NO.: 50-00128668

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: EMSCO Pavement Maint. & Supply Inc

BUYER: DABRAHAM

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

30 days

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

30 days

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

60 days

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) 20299 LA.

***** ALL BIDDERS MUST COMPLETE SECTION BELOW *****

FIRM NAME:

EMSCO Pavement Maintenance & Supply Inc

SIGNATURE:

(Must be signed here)

PRINT OR TYPE NAME:

Scott Montegut

TITLE:

PRESIDENT

ADDRESS:

2249 Kingston Street

CITY, STATE:

KENNER LA

ZIP:

70062

TELEPHONE:

504 464-7795

FAX:

504 464-5656

EMAIL ADDRESS:

emsko@att.net

TOTAL PRICE OF ALL BID ITEMS: \$ 27,601.34

DATE: 11/05/2019

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128668

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	JOB	<p>Coat and restripe parking lot for First Parish Court</p> <p>0010 Coat and restripe parking lot at First Parish Court.</p> <p>Scope of Work:</p> <ul style="list-style-type: none"> * Cap new slot trenching for new landscape islands * Seal cracks and lap joints in asphalt parking lot * Apply seal coating to existing asphalt parking lot * Restripe & paint all asphalt/concrete parking areas, bollards, light pole stanchions, etc. <p>SEE ATTACHED SPECIFICATIONS **</p> <p>Work to be done at:</p> <p>First Parish Court 924 David Drive Metairie, LA 70003</p>		27,601.34

COAT AND RESTRIPE PARKING LOT

Section 1.0 - Pre-Bid Conference:

A pre-bid conference shall be held:

Location: First Parish Court, 924 David Drive, Metairie, LA 70003

Date: November 13, 2019

Time: 9:30 A.M.

All prospective bidders are invited to attend this non-mandatory pre-bid conference (date, time and location to be determine). This conference is held to allow questions to be answered and to inspect the site with the owner's representative. Failure to attend the non-mandatory pre-bid conference shall not relieve the bidder of responsibility of information discussed at the conference and the necessity of furnishing all materials, equipment and performing all work required to complete the project in accordance with the specification with no additional cost to the owner.

Section 2.0 – Scope:

We extend this bid to cover all labor, materials, delivery, equipment and all other incidentals necessary to perform the following at the Jefferson Parish First Parish Courthouse located at 924 David Drive, Metairie, LA. 70003: See Attachment "A" for location

- Cap new slot trenching for new landscape islands
- Seal cracks and lap joints in asphalt parking lot
- Apply seal coating to existing asphalt parking lot
- Restripe and paint all asphalt/concrete parking areas, bollards, light pole stanchions, etc.

Section 3.0 –License Requirements:

Licenses required for this bid:

License(s) issued by the Louisiana State Licensing Board for Contractors:

- Commercial Contractor

And a

- Specialty license in Highway, Street, and Bridge Construction

Section 4.0 – Performance Bond:

A Performance Bond in the amount of 100% of the total contract amount will be required. Performance bond shall be produced upon contract execution.

Section 5.0 – Payment Bond:

A payment bond in the amount of 100% of the total contract amount will be required. Payment bond shall be produced upon contract execution.

Section 6.0 – Bid Bond:

A bid bond will be required with bid submission in the amount of 5% of the total bid.

Section 7.0 Submittals:

Bidder must include with their bid submittal all literature, manufacture specifications, product data sheets, written documentation for the materials which are being requested to be used on this project. Failure to provide the requested information with the bid will result in the bid being deemed non-responsive.

Section 8.0 – Quantities/Inspection:

Bidders must inspect the site and perform their own measurements in order to determine the proper quantity of labor and materials and equipment required to complete this project.

Section 9.0 – Bid Specifications:

- All materials shall be as specified or owner reviewed and approved equal.
- Any damage caused by this work will be the responsibility of the successful bidder to correct and return to the original conditions.
- Materials shall be installed as per all manufacturer guidelines and recommendations.
- Seal coat shall be applied to all existing asphalt areas.
- Cap/repair and seal slot trenches which were created for new islands/landscaping irrigation.
- Perform crack sealing as needed to prepare area for seal coating.
- Provide and install seal coating to all existing asphalt areas.
- Re-stripe all parking areas including bollard, light pole stanchions, post, no parking area, etc.

9.1 Capping of new trenches:

- All new trenches shall be cleaned and prepared as per coating manufacturer recommendations and guidelines.
- Supply and install Crafc® Polyflex Type 3 slow setting asphalt emulsion designed for use as a tack coat /asphalt bonding agent to interior face of trench.
- Crafc® Polyflex Type 3 shall be applied as per manufacture recommendations and guidelines.
- All slot trenches shall be covered with hot mix asphalt
- Install a hand patch of type 3 hot mix asphalt wearing course not to exceed 4" in depth
- Patch to be made in 2 lifts not to exceed 2" in depth each
- Compact with hand tamps and vibratory plate compactor as required.

Section 9.0 – Bid Specifications: Continued

9.2 Preparation of Area for Sealing:

- Asphalt shall be cleaned and prepared as per the rubberized asphalt sealant manufacturer recommendations and guidelines.
- Western Colloid Armor Top Poly Oil Seal WCP601 oil spot primer shall be applied to all chemical stains, gasoline spots, grease spots, and oil spots.
- All lap joints and cracks in excess of 3/8' width shall be sealed with Crafco® Polyflex CA Type 3 rubberized asphalt sealant.

9.3 Sealer Coating:

- Apply two (2) coats of Gem Seal™ Smooth Aggregate heavy duty pavement refined tar emulsion sealer to all existing asphalt areas.

Section 10.0 Striping:

- Parking lot design and layout shall not waver from existing parking lot design and layout.
- Paint shall be applied as per all manufacturer recommendations and guidelines.
- Parking stall lines shall be 4 inches wide.
- Striping, colors, and locations shall not start until a vendor furnish "striping plan" is approved by the owner.

10.1 Areas to be painted Sherwin Williams® Hotline fast dry waterborne acrylic Zone Yellow:

- Parking stall lines
- Curb marking
- Directional symbols
- No parking zone
- Light stanchion bases
- Steel pipe bollards

10.2 Areas to be painted Sherwin Williams® Hotline fast dry waterborne acrylic Handicapped Zone Blue:

- Handicapped accessible parking stall lines
- Handicap van accessible parking stall lines
- Square for handicapped symbol

10.3 Areas to be painted Sherwin Williams® Hotline fast dry waterborne acrylic Zone White:

- Stylized image of a person in a wheelchair inside of the blue Square handicapped symbol.

Section 11.0 Product Description:

11.1 CRAFCO® POLYFLEX TYPE 3 SLOW SETTING ASPHALT EMULSION TRENCH SEALER:

- Cone Penetration (ASTM D5329): 20-40
- Resilience (ASTM D36): 30% min.
- Softening Point (ASTM D36): 210°F (99°C) min.
- Ductility, 77°F (25°C) (ASTM D113): 30cm min.
- Flexibility, 1/8" (3.2mm) specimen, 90° bend, 10 sec., 1" (25mm) mandrel (ASTM D311 Modified): Pass at 30°F (-1°C)
- Flow 140°F (60°C), 5 h (ASTM D5329): 3mm max.
- Viscosity, 400°F (204°C) (ASTM D2669): 100 Poise max.
- Asphalt Compatibility (ASTM D5329): Pass
- Bitumen Content (ASTMD4): 60% min.
- Tensile Adhesion, 1" (25.4 mm) thickness (ASTM D5329): 400% min.
- Maximum Heating Temperature: 400°F (204°C)
- Minimum Application Temperature: 380°F (193°C)

11.2 CRAFCO® POLYFLEX CA TYPE 3 RUBBERIZED ASPHALT SEALANT:

- Softening Point (ASTM D36/D36M): 90°C
- Cone Penetration at 77°F (ASTM D5329): 50 Max.
- Resilience at 77°F unaged (ASTM D5329): 30 – 70%
- Flexibility (ASTEM D3111 modified): Pass at 0°C
- Tensile Adhesion (ASTM D70): 400% min.
- Specific Gravity (ASTM D70): 1.25 max.
- Asphalt Compatibility (ASTM D5329): Pass
- Sieve Test (Certification non-soluble components pass #16 sieve): Pass 100%
- Maximum Heating Temperature: 400°F (204°C)
- Minimum Application Temperature: 380°F (193°C)
- 6.4 mm thick, 6.4 mm mandrel, 180 degree bend in 2 seconds

11.3 GEM SEAL™ SMOOTH AGGREGATE HEAVY DUTY PAVEMENT REFINED TAR EMULSION SEALER

- Water %: Max. 53%
- Non-Volatile %: Min. 47%
- Ash %: Max. 40%, Min. 30%
- Solubility in CS2%: Min.20%
- Sp. Gr. @ 77degrees: Max. 1.29, Min. 1.20
- Specification: meets or exceeds requirements for:
 - ASTM D5727: Emulsified Refined Tar (Mineral Colloid Type)
 - ASTM D 6945: Emulsified Refined Tar (Commercial Grade), Type I & Type II
 - ASTM D 3320: Emulsified Refined Tar Pitch (Mineral Colloid Type)
 - FAA Engineering Brief No. 46: Item P-625 & No. 46A, Item P-630, Item P-627 (with additive), Item P-631 (with additive)

Section 11.0 Product Description: Continued

11.4 SHERWIN WILLIAMS SETFAST® ACRYLIC WATERBORNE TRAFFIC MARKING PAINT: (Blue, White, and Yellow)

- Color: Yellow TM227
- Finish: Flat
- Volume Solids: 56% minimum
- Weight Solids: 73% minimum
- Pigment Weight Percentage: 56% minimum
- Vehicle Type: 100% Acrylic Emulsion Polymer Latex
- VOC (EPA Method 24): <100 g/L; 0.83 lb/gal
- Application Rate: Wet mils (microns): 15.0 (375) minimum, Dry mils (microns): 8.5 (212) minimum
- Drying Schedule @ 15 mils (375 microns) @ 77°F/25°C, 50% RH: 45 minutes
- Performance Characteristics:
- Abrasion Resistance ASTM D968: 150 liters
- Bead Adhesion ASTM D968: 300 liters
- Bleed Resistance ASTM D969: 8 minimum
- Bleed Ratio ASTM D969: 0.97 minimum
- Color Yellow Fed Std. 595 #33538, CIELAB: Pass
- Dry-No-Pickup ASTM D711 @ 50%RH: 45 minutes
- Flash Point ASTM D3278: 150°F (66°C) minimum
- Flexibility ASTM D522: Pass
- Freeze-Thaw Resistance ASTM D2243: 5 cycles
- Hiding (contrast ratio) Fed Test Method 141C: 0.95
- Scrub Resistance ASTM D2486: 400 cycles
- Viscosity ASTM D562: 70-85 KU
- Volatile Organic Compounds ASTM D3960 excluding water: 90 g/L; 0.75 lbs/gal

Section 12.0 - Hours of Work:

Work shall be performed after normal working hours from Friday 4:30pm to Monday 7:00am. All work must be scheduled with owner representative 5 days in advance.

Section 13.0 – Cleaning Area and Safety:

Job site must be clean and free of all litter and debris caused by this work daily and upon completion of the contract.

Passageways must be kept clean and free of material, equipment, and debris at all times.

Storage of flammable materials will not be permitted on the premises. All flammable materials must be removed from the job site daily.

Precautions must be exercised at all times to safeguard the welfare and safety of all person(s) and property near the worksite.

Section 14.0 – Warranty:**14.1 Workmanship Warranty:**

Successful bidder shall provide a minimum one (1) year workmanship warranty. Warranty information shall be provided on vendor letterhead. Warranties shall commence on the acceptance date of the project.

14.2 Sealant Warranty:

Successful bidder shall provide a minimum one (1) year manufacturer warranty on applied sealant. Warranty information shall be provided on manufacturer letterhead. Warranties shall commence on the acceptance date of the project.

14.3 Paint Warranty:

Successful bidder shall provide a minimum one (1) year manufacturer warranty on applied paint from fading and peeling. Warranty information shall be provided on manufacturer letterhead. Warranties shall commence on the acceptance date of the project.

Section 15.0 – SDS:

The bidder shall notify the Jefferson Parish Department of General Services contact person of any hazardous substances that will be brought to and/or used at the workplace. The bidder shall provide SDS as per this requirement to the Director of the Jefferson Parish Department of General Services.

Section 16.0 – Liquidated Damages:

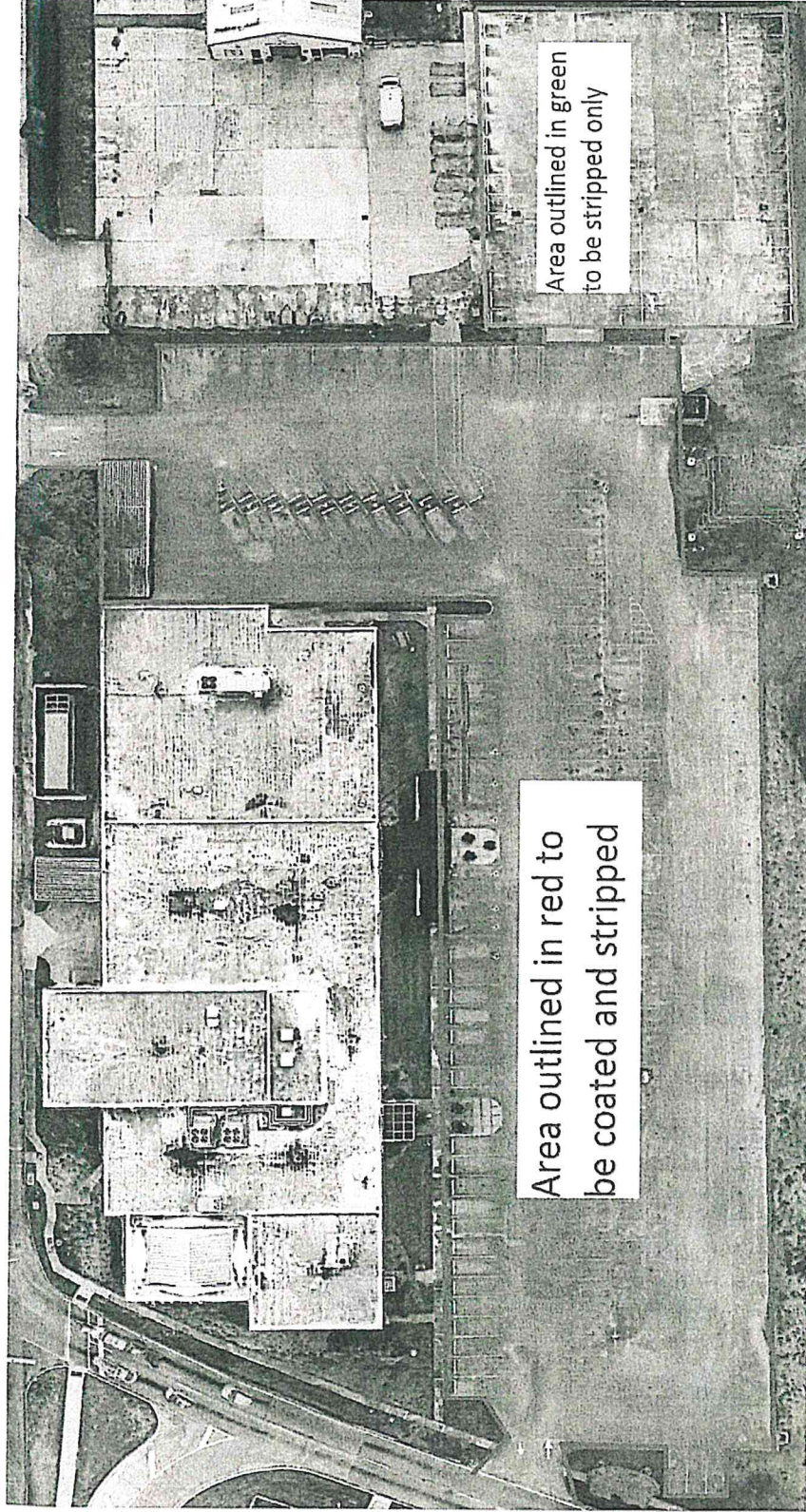
Commencing on the Sixtieth (60) day liquidated damages in the amount of \$300.00 per day will be assessed until work is substantially completed.

Section 17.0 – Pre-Construction Conference and Notice to Proceed:

A Pre-Construction Conference shall be held between the successful bidder and the owner before any work commences.

No work shall be performed until the successful bidder receives a written "Notice to Proceed" to begin work, from the Department of General Services.

Attachment "A"



STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

☐ WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

☐ **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

☐ **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

Non-Public Works Bid Affidavit Instructions

- Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.
- Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.
- Affidavit must be notarized or the affidavit will not be accepted.
- Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.
- Affiant **MUST** select either A or B when required or the affidavit will not be accepted.
- Affiants who select choice A must include an attachment or the affidavit will not be accepted.
- If both choice A and B are selected, the affidavit will not be accepted.
- Affidavit marked N/A will not be accepted.
- It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.

Instruction sheet may be omitted when submitting the affidavit

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/05/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Louisiana Companies 801 North Blvd. Baton Rouge, LA 70802 225 383-4761		CONTACT NAME: Annie L. Cavanaugh PHONE (A/C, No, Ext): 225 383-4761 FAX (A/C, No): 225-387-4336 E-MAIL ADDRESS: acavanaugh@lacompanies.com	
INSURED EMSCO Pavement Maintenance & Supply, Inc Charmont, LLC 2249 Kingston Street Kenner, LA 70062		INSURER(S) AFFORDING COVERAGE INSURER A : American Casualty Co. of Reading, PA. 20427 INSURER B : Continental Insurance Company 35289 INSURER C : LUBA Casualty Insurance Company 12472 INSURER D : Continental Casualty Company 20443 INSURER E : INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> PD Ded:5,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		5099622172	06/15/2019	06/15/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY		1006089520	06/15/2019	06/15/2020	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> RETENTION \$10,000	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE	2087915836	06/15/2019	06/15/2020	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	028000018850119	06/15/2019	06/15/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.I. EACH ACCIDENT \$1,000,000 E.I. DISEASE - EA EMPLOYEE \$1,000,000 E.I. DISEASE - POLICY LIMIT \$1,000,000
D	Leased / Rented Equipment		8006089519	06/15/2019	06/15/2020	\$25,000 Per Item \$50,000 Aggregate

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Blanket additional insured in favor of certificate holder with respect to the general liability, auto liability and excess liability policies as required by written contract when executed prior to a loss, subject to policy terms, conditions and exclusions.

Additional insured provision on the general liability, auto liability and excess liability policies is (See Attached Descriptions)

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish Purchasing
 Dept.
 200 Derbigny Street
 Gretna, LA 70053

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Patrick J. Bogan

DESCRIPTIONS (Continued from Page 1)

primary and non-contributory as required by written contract executed prior to a loss, subject to policy terms, conditions and exclusions.

Blanket waiver of subrogation is provided in favor of certificate holder with respect to the workers compensation, general liability, auto liability and umbrella liability policies as required by written contract when executed prior to a loss, subject to policy terms, conditions and exclusions.

Excess liability policy follows form over underlying liability policies.

Jefferson Parish its District Departments and Agencies under the direction of the Parish President and the Parish Council are Additional Insureds with respect to the General Liability and Auto Liability policies as required by written contract when executed prior to a loss, subject to policy terms, conditions and exclusions.

Bond No. _____

BID BOND
The American Institute of Architects,
AIA Document No. A310 (February, 1970 Edition)

KNOW ALL MEN BY THESE PRESENTS, that we EMSCO Pavement Maintenance & Supply, Inc.

as Principal hereinafter called the Principal, and Old Republic Insurance Company
a corporation duly organized under the laws of the state of Pennsylvania as Surety, hereinafter called the Surety,
are held and firmly bound unto Jefferson Parish Government

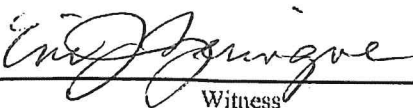
as Obligee, hereinafter called the Obligee, in the sum of 5% of bid amount

Dollars (\$ 5% of bid amount), for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

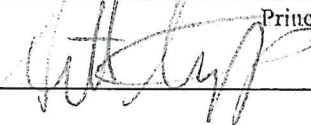
WHEREAS, the Principal has submitted a bid for Labor, material and equipment necessary to coat and restripe the parking lot at First Parish Court

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 20th day of November, 2019


Witness

EMSCO Pavement Maintenance & Supply, Inc.

By:  Scott Montegut
Principal (Seal)
President Name/Title

Old Republic Insurance Company

Surety (Seal)

By: 
Annette Latiolais, Attorney-In-Fact



POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania stock insurance corporation, does make, constitute and appoint:

MARY J. COURVELLE, ANNETTE LATIOLAIS, KENNETH A. DAVID, OF LAFAYETTE, LA

its true and lawful Attorney(s)-in-Fact, with full power and authority, not exceeding \$50,000,000, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than self-insurance workers compensation bonds guaranteeing payment of benefits, asbestos abatement contract bonds, waste management bonds, hazardous waste remediation bonds or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC INSURANCE COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This document is not valid unless printed on colored background and is multi-colored. This appointment is made under and by authority of the board of directors at a meeting held on March 14, 2014. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC INSURANCE COMPANY on March 14, 2014.

RESOLVED FURTHER, that the chairman, president or any vice president of the Company's surety division, in conjunction with the secretary or any assistant secretary of the Company, be and hereby are authorized and directed to execute and deliver, to such persons as such officers of the Company may deem appropriate, Powers of Attorney in the form presented to and attached to the minutes of this meeting, authorizing such persons to execute and deliver and affix the seal of the Company to bonds, undertakings, recognizances, and suretyship obligations of all kinds, other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds. The said officers may revoke any Power of Attorney previously granted to any such person. The authority of any Power of Attorney granted by any such officer of the Company as aforesaid shall not exceed fifty million dollars (\$50,000,000.00), except (a) bonds required to be filed as open penalty bonds, and (b) bonds filed with any court or governmental authority requiring an unlimited penalty in bonds filed in that court.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company (i) when signed by the chairman, president or any vice president of the Company's surety division and attested and sealed (if a seal be required) by any secretary or assistant secretary; or (ii) when signed by a duly authorized Attorney-in-Fact and sealed with the seal of the Company (if a seal be required).

RESOLVED FURTHER, that the signature of any officer designated above, and the seal of the Company, may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC INSURANCE COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 9TH day of AUGUST, 2019.


Assistant Secretary



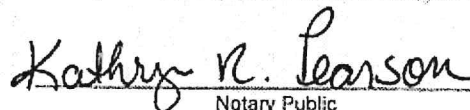
OLD REPUBLIC INSURANCE COMPANY


Vice President

STATE OF WISCONSIN, COUNTY OF WAUKESHA - SS

On this 9TH day of AUGUST, 2019, personally came before me, ALAN PAVLIC and SHEILA M. APPLIGATE to me known to be the individuals and officers of the OLD REPUBLIC INSURANCE COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said organization.




Notary Public

My commission expires: 9/28/22

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC INSURANCE COMPANY, a Pennsylvania corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

87-5605



Signed and sealed at the City of Brookfield, WI this 20th day of November, 2019


Assistant Secretary

LOUISIANA COMPANIES

THIS DOCUMENT HAS A COLORED BACKGROUND AND IS MULTICOLORED ON THE FACE. THE COMPANY LOGO APPEARS ON THE BACK OF THIS DOCUMENT AS A WATERMARK. IF THESE FEATURES ARE ABSENT, THIS DOCUMENT IS VOID.



PAVEMENT MAINTENANCE & SUPPLY, INC.
2249 KINGSTON ST., SUITE A
KENNER, LA 70062
(504) 464-7795
FAX (504) 464-5656

Nov. 18, 2019

Contractor's Limited Warranty

EMSCO Pavement Maintenance warrants our workmanship in application of Gem Seal refined tar sealer, Crafco hot pour joint sealant, & Sherwin Williams "Hotline" striping paint for a period of 1 year from date of project acceptance. We will adhere to all manufacturer's specifications on installation procedures in the completion of this project. We will rectify any deficiencies in function and finish for the warranty period not associated with normal wearing or due to any damage caused by customer, third parties, or acts of God beyond our control. Manufacturer's Limited warranties have been submitted to cover material failures.

A handwritten signature in black ink, appearing to read 'Scott Montegut', written over a dashed line.

Scott Montegut
President
EMSCO Pavement Maintenance LLC

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Charlotte Montegut, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Secretary of EMSCO (Entity), the party who submitted a bid in response to Bid Number 50-00128168 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Charlotte Montegut
Signature of Affiant

Charlotte Montegut
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 14th DAY OF Nov, 2019.


Notary Public

T. ROBERT LACOUR
Attorney & Notary Public, #8077
Printed Name of Notary 3320 Williams Boulevard, Kenner
Jefferson Parish, Louisiana
My commission is issued for life

Notary/Bar Roll Number _____

My commission expires _____.

FED SPEC/ FED SPEC HS PAVEMENT SEALER DETAILED APPLICATION SPECIFICATION

1. Scope:

This recommended practice covers the application of mineral-colloid-stabilized emulsified refined tar pavement sealer. This application serves as weather protection, beautification of surface, and aliphatic-solvent (petroleum distillates such as gas, oil and diesel) resistant seal for asphaltic concrete pavements of airport ramps, taxiways and fueling aprons, parking lots and driveways.

2. References:

- 2.1. Federal Specification R-P-355e; Pitch, Refined Tar Emulsion (Coating for Bituminous Pavements)
- 2.2. ASTM D 5727 Standard Specification for Emulsified Refined Tar (Mineral Colloid Type) {replaces Federal Specification R-P-355e}
- 2.3. ASTM D 6945 Standard Specification for Emulsified Refined Tar (Ready to Use, Commercial Grade)
- 2.4. ASTM D 6948 Standard Practice for Application of Refined Tar (Ready to Use, Commercial Grade)
- 2.5. ASTM D-3320 Standard Specification for Emulsified Refined Tar Pitch (Mineral Colloid Type)
- 2.6. ASTM D-490 Standard Specification for Road Tar
- 2.7. ASTM D-3423 Standard Practice for Application of Emulsified Refined Tar Pitch
- 2.8. ASTM D-2939 Standard Methods of Testing Emulsified Bitumens Used as Protective Coatings
- 2.9. ASTM D-4866 Standard Performance Specification for Refined Tar Pitch Emulsion Pavement Sealer **Formulations (sp)** Containing Mineral Aggregates and Optional Polymeric Admixtures
- 2.10. FAA Advisory Circular 150/5370-10B, Item P-630 Refined Tar Emulsion, Without Additives Slurry Seal Surface Treatment; and Item P-631 Refined Tar Emulsion, With Additives Slurry Seal Surface Treatment
- 2.11. FAA Engineering Brief No. 46 Item P-625 and No. 46A, Item P-627 - Refined Tar Pitch Emulsion Seal Coat

3. Materials:

- 3.1 Emulsified Refined tar pavement sealer will conform to the following requirements:
 - 3.1.1 ASTM D 5727 Standard Specification for Emulsified Refined Tar (Mineral Colloid Type) {replaces Federal Specification R-P-355e}
 - 3.1.2 The refined tar prior to emulsification shall conform to ASTM D-490, grade RT-12. The refined tar shall be derived from high temperature coke oven tar. Oil and water gas tars shall not be used even though they might comply with ASTM D-490, grade RT-12.
 - 3.1.3 The **emulsion shall be produced using a colloid mill** to insure homogeneity and appropriate size of the particles in suspension.
 - 3.1.4 The contractor and/or his supplier will provide a certification with each bulk emulsion delivery indicating compliance with the above requirements. Further, the certificate will indicate the non-volatiles (solids) content and ash content of that particular transport lot as determined by results of tests performed on material loaded. Such certifications shall be subject to verification by testing samples of the emulsion received for use on the project. Costs of verification testing should be borne by the Project Administrators.
- 3.2. Dilution water shall be potable and free of excessive minerals and contaminants. Water will be provided by the Project Administrator and available within a reasonable distance from the job site.
- 3.3. Sand will be washed and graded silica sand, or crushed, washed, and graded slag, free of all contaminants, and conforming to the following gradation:

Sieve Size	% Passing
#8	100
#16	95-100
#30	63-93
#50	10-40
#100	0-10
#200	0-2

Note: Gradations outside these ranges may be used provided past history shows evidence of a durable surface.

3.4. Latex additive compounds shall conform to the following general specifications*:

Product:	Ultra	AQS	Rapid Set	Latex Modifier
Chemical name:	Nitrile Rubber	Proprietary	Proprietary	Acrylonitrile-butadiene
Solids content:	40% minimum	40% minimum	40% maximum	40% minimum
Particle size:	0.1 -0.5 microns	0.1-0.5 Microns	0.5 – 5.0 microns	0.05 – 0.4 microns
Viscosity, cps:	100 maximum	75 minimum	250 maximum	85 maximum
Specific gravity:	1.01	0.99- 1.02	1.04, 1.14 on residue	0.99, 0.98 on residue

*Note: Ultra, AQS, Rapid Set and Latex Modifier should not be mixed together

4. Equipment: All tools and equipment necessary to perform the contract in accordance with the specified terms and conditions, such as brushes, hand squeegees, pumps and hose equipment, storage tanks, mixing tanks, water distributors, power sweepers, blowers, barricades and applicator equipment shall be provided as required by the contractor. All methods employed in performing the work and all equipment necessary for executing any part of the work shall be subject to approval by the Project Administrator before work is started, and when found unsatisfactory will be corrected. All equipment will be in good working condition.

- 4.1. Spray equipment used on the job shall have mechanical mixing devices incorporated in their construction to assure homogeneous mixing of the emulsion and required additives. The pumping system must be adequate to apply a uniform coating at the specified rates of application. Equipment requiring pressurization of the mixing tank for distribution will not be used.
- 4.2. Motorized squeegee application equipment used on the job will have two or more devices such as squeegees and/or drag broom assemblies to assure even distribution of the tar emulsion system. Mechanical mixing devices will be incorporated into the construction of the applicator to assure homogeneous mixing of the emulsion and required additives.
- 4.3. Mixing or agitating equipment may be either portable powered or a tank-type power mixer. In any case, mixers shall be of sufficient capacity to assure homogeneous mixing of the emulsion and required additives and to maintain complete suspension of mineral aggregate until the emulsion system is applied to the pavement. All storage tanks or drop tankers shall be equipped with mechanical agitators or circulation systems sufficient to keep the refined tar emulsion homogenous during storage.

5. Preparation of Surfaces:

- 5.1. Allow new asphalt to cure. Cure time varies with type of asphalt, aggregate, weather conditions, and construction procedures. Hot mix asphalt will usually cure in 30 -90 days. Cold mix pavements should have at least 90 days to cure. Required cure time should be determined by the Project Administrator, and a written order to proceed will be furnished to the contractor.
- 5.2. Wide cracks, extensive alligator cracking patterns, soft or sunken spots indicate that the pavement and/or base should be repaired or replaced. Extensive patching shall be allowed to cure prior to seal coating in accordance with 5.1.
- 5.3. Thoroughly inspect the pavement for minor cracks and other imperfections. Ignore hairline cracks. Cracks of approximately 1/4 -3/4 inch wide should be cleared of debris and filled with an approved crack sealant in accordance with manufacturer's specification. (OPTIONAL)
- 5.4. Remove oil and grease spots that have not permanently damaged or softened the pavement by scrubbing with a detergent and flushing with water until a water-break-free surface is obtained. Oil and grease spots with deeper penetration will be treated by burning with hand held propane torch, and then coating the spot with an approved oil spot primer such as Tar-Prime. If the oil spot is so severe as to cause permanent deterioration of the pavement, or if the pavement has failed due to other causes, the pavement shall be removed to the full depth of the damage and replaced with new asphalt pavement in accordance with paragraph 5.1.
- 5.5. Old traffic control lines may be blackened with black epoxy or black acrylic coatings. Excessive build up of lines should be abraded before any prime coats of asphalt or tar emulsion are applied. (OPTIONAL)
- 5.6. Highly oxidized or weathered surfaces shall be primed. Prime with SS-1, SS-1h, CSS-1, CSS-1h asphalt emulsions or with Tar Prime Refined tar emulsion. Asphalt emulsions shall be diluted one part asphalt emulsion to 5 parts potable water and uniformly applied to the pavement at a rate of 0.10 ± 0.02 gallon per square yard. Tar Prime shall be diluted one part Tar Prime to two parts water and applied at a rate of 0.07 -0.10 gallons per square yard. The prime shall be allowed to cure for 24 hours before applying pavement sealer. (OPTIONAL)

- 5.7. Immediately before application of sealer, clean the surface of all loose dust, dirt, leaves, and any other foreign materials by sweeping, blowing, flushing with water, or any combination of the three.

6. Mix Design and Application Rates:

6.1.

Use	Coats	Concentrate Gallon	Water Gallon	Sand** 100lbs	Ultra , Rapid Set/AQS, Latex modifier Gallon	Application Mix Gal/Sq. Yd
Low Traffic	1 st	100	30-50	3-5	0-4	0.10-0.15
	2 nd	100	25-45	0-4	0-4	0.08-0.12
Moderate Traffic	1 st	100	30-50	3-5	2-5	0.10-0.15
	2 nd	100	30-50	0-4	2-5	0.08-0.12
High Traffic	1 st *	100	30-50	3-5	2-5	0.10-0.15
	2 nd	100	30-50	3-5	2-5	0.10-0.15
	3 rd	100	25-55	0-4	2-5	0.08-0.12

*1st Coat is applied to entrances, exits, traffic lanes and turning radii.

** Sand should be added to the final coat when skid resistance is needed.

NOTE: 1. Seal coating is not recommended for enclosed or permanently shaded parking areas such as underground parking garages.

2. Approximately 20 pounds of sand displaces 1 gallon of liquid.

WARNING: Sealcoats, when improperly applied and/or under certain environmental conditions, may become slippery. As with any paint-like coating, repeated applications reduce texture. Skid resistance can be improved with additions of 3 to 5 pounds of sand per gallon. CAUTION MUST BE EXERCISED, particularly when skid resistance is a major safety factor.

- 6.2. Latex additives: The latex additive will be added at the specified rate as indicated in the job mix formula $\pm 0.25\%$. Undiluted latex will first be diluted with an equal volume of water and added slowly to the emulsion after mix water and prior to the addition of any sand. Latex will be added while the mixer is in operation to assure uniform dispersion and no coagulation of the latex. Diluent water added to the latex will be considered part of the mix water required in paragraph 6.1.
- 6.3. Sand will be slowly added after the mix water and any required latex additives have been dispersed into the tar emulsion. Again, the mixer will be in operation during the addition of the sand to assure uniform dispersion and to prevent overloading of the mixing device. Additional amounts of water may be added, if necessary, should the tar emulsion system become too thick to be uniformly applied. Additional water will be added only after the Project Administrator has been notified, and additions will not exceed those amounts expressly stipulated by the Project Administrator.
- 6.4. Slow mixing shall be continuous from the time all materials are placed into the mixer until the pavement sealer mix is applied by the application equipment. During the entire mixing process, no breaking, segregating, or hardening of the emulsion, and no balling or lumping of the aggregate shall be permitted.
- 6.5. The coating shall be applied uniformly over the entire pavement surface and free of voids and pinholes. When pavement temperatures are in excess of 120°F, fog spraying of pavement with clean water is recommended to achieve better bond and even spreading of material. Fog spray shall dampen pavement without leaving puddles. (OPTIONAL)
- 6.6. Subsequent coats will be applied only after the previous coat is dried, preferably 24 hours later, but no less than 4 hours under ideal conditions. Ideal conditions are temperatures in excess of 70°F, sunshine, and less than 60% relative humidity. Marginal conditions can require curing times greater than 24 hours. Subsequent coats should be applied at right angles to the previous coat, if possible.
- 6.7. Sealer will not be applied unless the temperature is a minimum 50°F and rising and pavement temperature is 60°F and, rising. Work will be completed so that there is a minimum of two hours of direct sunlight remaining after completing the day's work. Sealer will not be applied under rainy or wet conditions such as an overcast sky with high humidity. UNDER NO CIRCUMSTANCES will work, be performed under cold and/or wet conditions, nor will tar emulsion be used that has been subjected to freezing weather.

7. Incidentals:

- 7.1. The contractor and Project Administrator will coordinate their activities with each other to insure the availability of the work area so as not to delay the execution of the project, to maintain traffic flow, and to minimize activities that might be detrimental to the work in progress such as automatic sprinkler systems, other customer or construction traffic, etc.
- 7.2. The contractor will notify the Project Administrator of pavement areas that he feels have so deteriorated or have other outside factors such as poor drainage, improper construction, etc., that will render the application of a seal coat ineffective.
- 7.3. Striping will be done with a latex or acrylic paint approved by the manufacturer. No striping will commence until the seal coat to be striped has cured for at least 24 hours.
- 7.4. The contractor shall submit with his proposal at least three references of previously completed projects, proof of workers compensation and liability insurance coverage, and all local business licenses and permits as required by local authorities.
- 7.5. The contractor will provide a performance and payment bond to the Project Administrator -OR-waivers of lien from suppliers will be provided with each invoice for payment. (OPTIONAL)

8. **Job Site Location and Scope of the Project:** See Exhibit "A". (To be drawn and attached by property owner, or manager, or architect/engineer).

9. **Basis of Payment:** These prices shall be full compensation for furnishing materials, preparation, mixing, and applying materials in compliance with this specification, and for all the tools, equipment, labor, and incidentals necessary to complete this project.

The proposal shall indicate by line item:

1. The approximate square yards and cost of patching to be performed.
2. The approximate lineal feet and cost of crack sealing to be performed.
3. The approximate square yards and cost of the seal coating to be performed.
4. The approximate lineal feet and cost of the traffic striping to be performed. -OR-A lump sum cost when performed in accordance with painting diagrams provided by the Project Administrator.
5. Total cost of project. (State and local taxes shall be identified by type and amount.)

10. WARNINGS and Miscellaneous Notes:

- 10.1. **Skid Resistance:** Sealcoats, when improperly applied and/or under certain environmental conditions, may become slippery. As with any paint-like coating, repeated applications reduce texture. Skid resistance can be improved with additions of 4 to 6 pounds of sand per gallon. CAUTION MUST BE EXERCISED, particularly when skid resistance is a major safety factor. Bonsal American does not recommend seal coating asphalt pavements with the following characteristics; main thoroughfares, runways, steep inclines, poor drainage, and vehicles traveling at speeds in excess of 25 mph that are subject to rapid stops or hydroplaning. Bonsal American recommends applying refined tar emulsion to asphalt pavement surfaces only.
- 10.2. **Container Warning:** Containers, regardless of being empty, half full, or full of product, may retain a residue of liquid and/or vapor and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged, and promptly returned to a drum re-conditioner. Empty pails should have a hole punched in the pail bottom to prevent drowning of small children. All other containers should be disposed in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to OSHA regulations, ANSI Z49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

****Container refers to any vessel, can, drum, tanker, distributor tank, etc., that may be used for handling and/or storing any of the products covered by this guideline specification or any product of unknown origin.**

- 10.3. **Health and Environmental:** Federal Spec is not considered a hazardous waste and meets all current Federal requirements for industrial waste. AS AN APPLICATOR you should be familiar with all potential hazards prior to entering the workplace. Toxicity Characterization Leaching Procedure information and Material Safety Data Sheets will be provided upon request. In case of accidental spill, contain with absorbent material, allow drying; and disposing of according to local, state and federal regulations. Precautions should be taken to prevent surface runoff from entering storm drainage system or ponds.

- 10.4. Maintenance of coating can prolong its life and attractive appearance. Sand, gravel and other debris should be removed as they accumulate. Oil drippings, antifreeze, etc. can be scrubbed with mild detergents and flushed with clean water.
- 10.5. Technical assistance available upon request.
- 10.6. Do not allow to freeze.

LIMITED WARRANTY

GemSeal Pavement Products warrants that for a period of one (1) year from date of purchase this product shall be free from manufacturing defects and shall meet or exceed performance standards listed in the technical data sheet for the product at the time of sale, if used as directed and within the stated shelf life. This Limited Warranty applies only if the product is stored, used, and applied over a properly prepared substrate in strict accordance with applicable specifications and instructions issued by GemSeal Pavement Products. The Limited Warranty will not apply if the product is altered, modified, or misused after it has left the control of GemSeal Pavement Products. GemSeal Pavement Products will not be responsible for defects caused by factors beyond its control, including but not limited to workmanship, application equipment, weather, acts of God, structural failure, condition or movement of substrate, improper additives, poor drainage, ponded water, improper maintenance, damage from snow removal equipment, and normal wear and tear. GemSeal Pavement Products does not warrant that the product or any method of use or application would be suitable for any particular site conditions.

All warranty claims must be submitted in writing, with proof of purchase, to the following address: 3700 Arco Corporate Drive, Suite 425, Charlotte, NC 28273. Unused portions of product must be returned upon request. Replacement of defective product or, at GemSeal Pavement Products' option, refund of the purchase price of defective product shall be the buyer's sole remedy under this Limited Warranty. In no event shall GemSeal Pavement Products be liable for any damages in excess of the purchase price of the defective product. This Limited Warranty does not cover labor costs for product application, replacement, or repair. GEMSEAL PAVEMENT PRODUCTS SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOST SALES OR PROFITS, BUSINESS INTERRUPTION, DELAYS, PHYSICAL DAMAGE TO OTHER MATERIALS OR PROPERTY, OR LOSS OF USE OF PROPERTY.

THIS LIMITED WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. GEMSEAL PAVEMENT PRODUCTS EXPRESSLY DISCLAIMS ANY OTHER WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No modification or extension of this Limited Warranty shall be valid unless given in writing and signed by an authorized officer of GemSeal Pavement Products. Sales personnel and product distributors are not authorized to modify or extend this Limited Warranty.

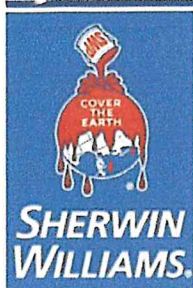
CAUTION:

Contains Refined tar; a skin irritant. Keep out of reach of children. Do not take internally. Avoid prolonged or repeated contact with skin or breathing of vapors. In case of contact with eyes, flush with plenty of water, and seek immediate medical attention. Use with adequate ventilation. Do not use in confined areas.

MANUFACTURING & CUSTOMER SERVICE:

Call (866) 264-8273 to find the nearest GemSeal location to purchase Fed Spec Pavement Sealer.

GemSeal Pavement Products
Corporate Headquarters
3700 Arco Corporate Drive, Suite 425
Charlotte, NC 28273



Traffic & Zone Products

SETFAST® ACRYLIC LATEX TRAFFIC MARKING PAINT

TM2160
TM2161

WHITE
LEAD FREE YELLOW

Revised 9/09

APPLICATION BULLETIN

10.01

SURFACE PREPARATIONS

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Surfaces should be clean, dry and free from loose or peeling paint. Do not apply when air or surface temperatures are below 50°F (10°C), or when the relative humidity exceeds 85%, or when the temperature falls below the dew point.

The presence of concrete sealers or efflorescence on new concrete may interfere with adhesion and should be removed by extended weathering, etching, or abrasive blasting.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint is still tightly adhered to the surface. However, multiple layers of paint will eventually peel and require removal.

New asphalt surfaces should ideally be allowed to age several months before striping. Latex paint will not bleed on most asphalt surfaces; however, shrinkage of the paint film during curing can cause new asphalt to lift or crack. Exceeding the recommended film thickness will increase the tendency to cause asphalt lifting. Placing an inconspicuous test stripe to determine if a new asphalt surface has cured sufficiently to paint is recommended.

If it is necessary to paint new asphalt surfaces, do not exceed an application rate of 8 mils (200 microns) wet (approximately 200 sq ft/gal / 4.9 m²/L). Special care should be given to laps and edges of stencils to prevent excessive film thickness.

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Rusted	C St 3	C St 3	SP 3	-
Power Tool Cleaning	Pitted & Rusted D St 3	D St 3	SP 3	-

APPLICATION CONDITIONS

Temperature: 50°F (10°C) minimum, 110°F (43°C) maximum
(air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer/Clean Up Water

Airless Spray Line Striping Equipment

Pressure.....1800 - 2700 psi
Hose.....1/4" - 3/8" ID
Tip......015" - .019"
Filter.....60 mesh
Reduction.....As needed up to 12½% by volume

Conventional Spray Line Striping Equipment

GunBinks 21 (Bleeder)
Fluid Nozzle#68
Air Nozzle.....Internal mix, #709
Atomization Pressure.....20 - 80 psi
Fluid Pressure.....30 - 60 psi
Reduction.....As needed up to 12½% by volume

Brush, small areas only

Brush.....Nylon/polyester
Reduction.....As needed up to 12½% by volume

Roller, small areas only

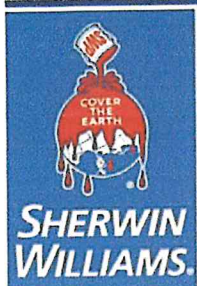
Cover3/8" woven with solvent resistant core
Reduction.....As needed up to 12½% by volume

NOTE: Fluid and atomization pressures are dependent on environmental conditions. Use the lowest pressures necessary to achieve a "flat line".

Although intended for spray application, small areas may be painted by brush or roller.

If the striping machine is also used for solvent based paint, care must be taken to avoid solvent contamination.

If specific application equipment is not listed above, equivalent equipment may be substituted.



Traffic & Zone Products

SETFAST® ACRYLIC LATEX TRAFFIC MARKING PAINT

TM2160
TM2161

WHITE
LEAD FREE YELLOW

APPLICATION BULLETIN

10.01

APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

Approximately 320 lineal feet of standard 4" stripe per gallon

	Minimum	Maximum
Wet mils (microns)	15.0	375
Dry mils (microns)	7.5	188
~Coverage sq ft/gal (m ² /L)	110	2.7
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	800	19.6

NOTE: Brush or roll application for small areas only.

If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.

Drying Schedule @ 15.0 mils wet (375 microns):

@ 77°F/25°C
50% RH

To touch: 60 minutes

No traffic pickup after: 60 minutes

Drying time is temperature, humidity, and film thickness dependent.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

PERFORMANCE TIPS

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Excessive reduction of material can affect film build, appearance, and adhesion.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

Asphalt surfaces generally require aging prior to painting.

If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.

Check adhesion by applying a test strip to determine the readiness for painting.

The coating may be made into reflective paint by dropping on glass beads while the paint is still wet.

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints, and should not be used to paint large areas subject to pedestrian traffic. For instance, painting an entire traffic stall is not recommended.

Do not paint on wet surfaces.

Do not paint when the relative humidity is above 85%.

Do not paint when the temperature is below 50°F (10°C).

Cool, damp conditions will prolong the drying time.

Refer to Product Information sheet for additional performance characteristics and properties.

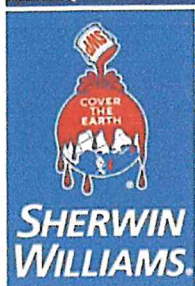
SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



Traffic & Zone Products

SETFAST® ACRYLIC LATEX TRAFFIC MARKING PAINT

TM2160
TM2161

WHITE
LEAD FREE YELLOW

PRODUCT INFORMATION

10.01

RECOMMENDED SYSTEMS

Cured Asphalt, Concrete, Brick, and other Surfaced Highways:

- 1 ct. Setfast Acrylic Latex Traffic Marking Paint
@ 15 mils (375 microns) wet, 7.5 mils (188 microns)
dft, approximately 320 lineal feet of standard 4" stripe
per gallon

The systems listed above are representative of the product's use,
other systems may be appropriate.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all
oil, dust, grease, dirt, loose rust, and other foreign material to
ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface prepara-
tion information.

Minimum recommended surface preparation:

Concrete:	Cured, clean, dry, sound
Asphalt:	Cured, clean, dry, sound
Brick:	Cured, clean, dry, sound

Surface Preparation Standards					
Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE	
White Metal	Sa 3	Sa 3	SP 5	1	
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2	
Commercial Blast	Sa 2	Sa 2	SP 6	3	
Brush-Off Blast	Sa 1	Sa 1	SP 7	4	
Hand Tool Cleaning	C St 2	C St 2	SP 2	-	
Rusted	D St 2	D St 2	SP 2	-	
Pitted & Rusted	D St 2	D St 2	SP 2	-	
Rusted	C St 3	C St 3	SP 3	-	
Power Tool Cleaning	D St 3	D St 3	SP 3	-	
Pitted & Rusted	D St 3	D St 3	SP 3	-	

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature:	50°F (10°C) minimum, 110°F (43°C) maximum (air, surface, and material) At least 5°F (2.8°C) above dew point
Relative humidity:	85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 5 gallon (18.9L) containers

Weight:

White:	13.04 ± 0.2 lbs/gal ; 1.56 Kg/L
Yellow:	13.25 ± 0.2 lbs/gal ; 1.59 Kg/L

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

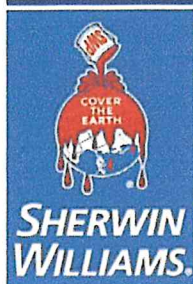
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STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MER-
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Traffic & Zone Products

SETFAST® ACRYLIC LATEX TRAFFIC MARKING PAINT

TM2160
TM2161

WHITE
LEAD FREE YELLOW

Revised 9/09

PRODUCT INFORMATION

10.01

PRODUCT DESCRIPTION

SETFAST ACRYLIC LATEX TRAFFIC MARKING PAINT is a conventional dry (non-heated application) water based paint intended for use in marking parking lots, airports, and roads. TM2160, and TM2161 conform to current VOC regulations, and may be used for general applications where specific specification compliance is not required. The product dries to no pickup in less than 60 minutes when properly applied under most environmental conditions.

- Water clean up
- Fast drying
- High visibility
- Ready to use
- Glass beads can be added for making reflective markings

PRODUCT CHARACTERISTICS

Finish:	Flat
Color:	White, Yellow
Volume Solids:	50%, minimum
Weight Solids:	70%, minimum
VOC (EPA Method 24):	<100 g/L; 0.83 lb/gal

Recommended Spreading Rate per coat:

Approximately 320 lineal feet of standard 4" stripe per gallon

	Minimum	Maximum
Wet mils (microns)	15.0	375
Dry mils (microns)	7.5	188
~Coverage sq ft/gal (m ² /L)	110	2.7
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	800	19.6

NOTE: Brush or roll application for small areas only.

If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.

Drying Schedule @ 15.0 mils wet (375 microns):

@ 77°F/25°C

50% RH

To touch: 60 minutes

No traffic pickup after: 60 minutes

Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:	12 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C)
Flash Point:	145°F (63°C), PMCC
Reducer/Clean Up:	Water

RECOMMENDED USES

• For marking parking lots, curbs, and other areas when very fast dry times are not critical, and water based or low VOC coatings are required or desired.

• Water based paints are required in areas with VOC regulations in effect and are recommended for asphalt surfaces less than one year old (see Surface Preparation for new asphalt).

- Parking lots
- Striping contractors
- Plant maintenance
- Municipalities
- Shopping centers
- Streets and highways

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
Bleed Resistance	ASTM D969	8 minimum
Bleed Ratio	ASTM D969	0.96 minimum
Color (yellow)	Fed. Std. 595 #33538	6 CIELAB maximum
Dry No Pickup	ASTM D711	45 min. at 50% RH
Dry Opacity (Contrast Ratio)	Fed. Mtd. 141c @ 5 mils wet	0.92 minimum
Flash Point	ASTM D3278	145°F (63°C)
Flexibility	ASTM D522	pass
Fineness of Grind	ASTM D1210	3 Hegman min.
Freeze-Thaw Stability	ASTM D2243	5 cycles minimum
Reflectance (white only)	ASTM E97	84% minimum
Scrub Resistance	ASTM D2486	400 cycles minimum
Viscosity	ASTM D562	75 to 85 KU
Volatile Organic Compounds	ASMT D3960 excluding water	95 grams/liter; 0.79 lbs/gallon

COMPOSITION INFORMATION

Total Solids:	50% minimum by volume 70% minimum by weight
Pigment Weight Percent:	54% minimum
Vehicle Type:	Acrylic Latex Polymer



HIGHWAY PRODUCTS

09/17

HOTLINE® WATERBORNE TRAFFIC PAINT TM2320 WHITE TM2321 LEAD FREE YELLOW

**SHERWIN
WILLIAMS®**

Description: Hotline® waterborne traffic paints, TM2320 and TM2321, are fast drying binder made with the most advanced resin technology available. Key features include; low VOC content, outstanding glass bead retention, superior early wash-out resistance, and more consistent drying times even under high humidity conditions.

Uses: TM2320 and TM2321 are used primarily for long line striping on streets and highways and parking lot striping. Other possible uses include auxiliary markings such as stop bars and crosswalks, and for striping airfields.

Application: For use in long line equipment Hotline® waterborne traffic paints TM2320 and TM2321 require the use of long line striping trucks that have been properly equipped to apply waterborne traffic paints. Specific details on the design of such a truck are available from the major equipment suppliers. Of particular importance is the need to avoid wetted metallic parts of anything other than stainless steel. Galvanized parts that contact the paint must especially be avoided. Hoses and gasket materials must be of material that will tolerate the high ammonia content of these paints (pH typically 9.5 to 9.8). The heating systems on these trucks should be designed to maintain the proper heat and to prevent accidental overheating of the paint.

Hotline® waterborne traffic paints, TM2320 and TM2321 are also designed for use with most walk behind striping equipment without heating. Although airless equipment is preferred air atomized equipment may be used. Hand application with brush or roller is not recommended.

Hotline® waterborne traffic paints are designed to dry to a no-track condition in 60 second when applied at 15 +/-1 mil wet film thickness with 6 lbs. of glass beads per gallon of paint, and an even distribution of both paint and glass beads. Dry no pickup is defined as passing over the paint line in a passenger car in a normal passing maneuver at 30 mph, with no tracking visible from a distance of fifty feet. Several conditions, such as excessive film thickness, high humidity (>75% RH) and uneven paint and bead distribution may have an adverse effect on the drying time of these products. No track times for parking lot applications, without glass beads are generally between 10 - 20 minutes.

Application Conditions: Surfaces should be clean and dry, and free from loose or peeling paint. Do not apply Hotline® waterborne traffic paint when air or surface temperatures are below 50°F. Full cure takes several hours above 50°F. Do not apply when temperature is below the dew point. Relative humidity above 85% will slow dry times, although not as much as conventional waterborne paints. Moisture in the road surface may cause premature failure. The presence of concrete sealers or effervescence on new concrete surfaces may interfere with adhesion and must be removed.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint line is still tightly adhered to the surface. Multiple layers of paint may eventually fail at the base coat, or suffer inter-coat adhesion problems, and will have to be removed.

Application Rate: The recommended film thickness is 13 to 15 mils wet. (Approx. 110 to 125 sq. ft. per gallon) Application at the low end of this range does not significantly affect durability, but may improve dry time. Application at more than 15 mils may result in extended dry times and may cause lifting or cracking on some asphalt surfaces.

Thinning and Cleanup: Thinning of these products is normally not required, and not recommended under most conditions. If thinning is necessary, thin only with clean water, not to exceed four ounces per gallon. Thinning may prolong dry time and may promote settling of the unused, thinned paint.

Wet paint may be cleaned with water. Once the paint is dry, solvent or other cleaner will be required. Most typical paint solvents (e.g. xylene) may be used for this purpose, with appropriate safety precautions. Take care to avoid solvent contamination of waterborne paints.

Storage: Protect from freezing. Do not invert drums for storage. Avoid rolling drums that will defeat the special top off designed to retard skinning. Do not store above 115°F.

DOT classification: Hotline® waterborne traffic paints are not regulated by DOT.

Precautions: FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEETS. READ AND FOLLOW WARNING LABELS ON PACKAGES.

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints. Do not use on pedestrian walkways or large surfaces such as ramps, floors and stairs which may become slippery when wet.

TYPICAL PROPERTIES

	<u>TM2320</u>	<u>TM2321</u>
Opacity	0.98	0.97
Viscosity	75-90 KU	75-90 KU
Total Solids by wt. (by volume)	77.0% (59.0%) min.	76.0% (59.0%) min.
Pigment Weight	58.0% minimum	58.0% minimum
Directional Reflectance	82% minimum	54% minimum
Color	Bright white	Visual Match Fed. Std. 595 Color No. 33538
Scrub Test	>500	>500
VOC Content	<100/Liter	<100/Liter

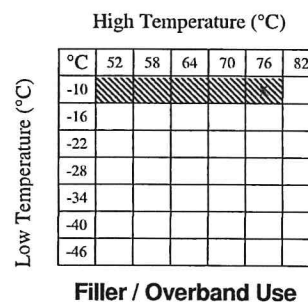
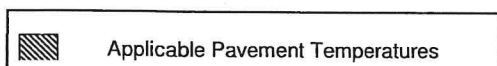
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READ BEFORE USING THIS PRODUCT

GENERAL CrafcO PolyFlex Type 3 sealant is a hot-applied, asphalt based product used to fill cracks and joints in asphalt and Portland cement concrete pavements in warm to very hot climates. PolyFlex Type 3 is supplied in solid form which when melted and properly applied forms a highly adhesive and flexible compound that resists cracking in the winter and resists flow and pick-up at summer temperatures. PolyFlex Type 3 is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature, PolyFlex Type 3 is a medium viscosity product which flows and penetrates cracks. PolyFlex Type 3 is formulated as an economical yet effective pavement maintenance crack filler product. Compared to products based on reclaimed rubber, PolyFlex Type 3 offers lower viscosity for easier application, improved summer temperature pick-up resistance, quicker set-up times and improved low temperature flexibility. PolyFlex Type 3 has been a quality CrafcO product for over 25 years. Several states have adopted specifications based on the performance of PolyFlex Type 3. VOC = 0 g/l.

USAGE GUIDELINES PolyFlex Type 3 is applicable for Filler/Overband Use in warm to very hot climates with low and high pavement temperatures identified in the chart. Pavement temperatures for the project location are determined at 98% reliability using FHWA LTPPBind V 3.1, and sealant or filler use is determined following CrafcO Product Selection Procedures.



SPECIFICATION CONFORMANCE The CrafcO recommended specification limits for PolyFlex Type 3 when heated in accordance with ASTM D5078 to the maximum heating temperature are as follows:

Test	Recommended Specification
Cone Penetration (ASTM D5329)	20-40
Resilience (ASTM D5329)	30% min.
Softening Point (ASTM D36)	210°F (99°C) min.
Ductility, 77F (25C) (ASTM D113)	30 cm min.
Flexibility, 1/8" (3.2 mm) specimen, 90° bend, 10 sec., 1" (25 mm) mandrel (ASTM D3111 Modified)	Pass at 30°F (-1°C)
Flow 140°F (60°C), 5 h (ASTM D5329)	3 mm max
Viscosity, 400°F (204°C) (ASTM D2669)	100 Poise max.
Asphalt Compatibility (ASTM D5329)	Pass
Bitumen Content (ASTM D4)	60% min
Tensile Adhesion, 1" (25.4 mm) thickness (ASTM D5329)	400% min.
Maximum Heating Temperature	400°F (204°C)
Minimum Application Temperature	380°F (193°C)

INSTALLATION The unit weight of CrafcO PolyFlex Type 3 is 10.5 lbs. per gallon (1.26 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product.

PACKAGING Product is supplied in either cardboard boxes, or in meltable, boxless PLEXI-melt packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x 102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- o **BOX** packaging consists of cardboard boxes containing approximately 30 lb. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lb. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- o **PLEXI-melt** packaging consists of 30 lb. (13.6 kg) blocks of product with 70 packages per pallet, weighing 2100 lb. (952 kg). To use, the pallet wrap is removed, and individual blocks are placed in the melter. There are no cardboard boxes or other cardboard components to open, empty, handle, or dispose of. PLEXI-melt packaging quickly melts into the product without affecting specification conformance.

WARRANTY CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, CrafcO shall not be responsible for improperly applied or misused products. Remedies against CrafcO, Inc., as agreed to by CrafcO, are limited to replacing nonconforming product or refund (full or partial) of purchase price from CrafcO, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by CrafcO, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow CrafcO recommendations for product installation**

EMSCO

PAVEMENT MAINTENANCE & SUPPLY, INC.

2249 KINGSTON ST., SUITE A

KENNER, LA 70062

(504) 464-7795

STATE LC # 20299

TO JEFFERSON PARISH PURCHASING

DEPARTMENT

200 DERBIGNY STREET

SUITE 4400

GRETN, LA. 70053

Bid # 50-00128668

Bid opening November 20, 2019 11:00 AM

BID/RFP RECEIPT

Receipt of Bid/RFP Proposal No. 57-128668

From: Emco

Person Received Bid: Decker JTG Company's Name

Number of Envelopes/Boxes Received: 1

Jefferson Parish Purchasing Department
1221 Elmwood Park Blvd.
Suite 404 – Yenni Bldg.
Jefferson, LA 70121

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PURCHASING