

DATE: 6/14/2017

Page: 5

BID NO.: 50-00119827

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ✓

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 12 months after award.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

30

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Trantex Transportation Products of Texas, Inc.

ADDRESS: 3310-D Frick Rd.

CITY, STATE: Houston, TX

ZIP: 77086

TELEPHONE: (281) 448-7711

FAX: (281) 591-6827

EMAIL ADDRESS: renee@trantexinc.com

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: 1

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 232,966.80

AUTHORIZED SIGNATURE: [Signature]

H. Steven Nelson

Printed Name

TITLE: President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	30.00	PKG	TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION 0010 - LEFT TURN ARROW EIGHT FEET	229.70	6891.00
2	10.00	PKG	STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241L HWARCO # 3545 <i>Ju</i>	197.90	1979.00
3	30.00	PKG	0020 - STRAIGHT ARROW NINE FEET BY SIX INCHES STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330240 HWARCO # 3550 <i>Ju</i>	229.70	6891.00
4	15.00	PKG	0030 - RIGHT TURN ARROW EIGHT FEET STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241R HWARCO # 3546 <i>Ju</i>	207.60	3114.00
5	15.00	PKG	0040 - RIGHT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES WHITE ONE PER PACK HOT TAPE PREMARK # 8330142R HWARCO # 3554 <i>Ju</i>	207.60	3114.00
6	20.00	PKG	0050 - LEFT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES STANDARD WHITE ONE PER PACK HOT TAPE PREMARK # 8330142L HWARCO # 3553 <i>Ju</i>	164.65	3293.00
7	20.00	PKG	0060 - "ONLY" LEGEND EIGHT FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130102 HWARCO # 3639 <i>Ju</i>	315.30	6306.00
			0070 - "RXR" KIT SIX FEET BY SIXTEEN INCHES BY		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	30.00	PKG	BY TWENTY FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130403A SWARCO # 3644 <i>JN</i>	256.30	7689.00
9	15.00	PKG	0080 - "SCHOOL" LEGEND EIGHT FEET WHITE ONE PER PACK HOT TAPE SWARCO # 3645 <i>JN</i>	330.20	4953.00
10	10.00	PKG	0090 - "SCHOOL" LEGEND TEN FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8120400 SWARCO # 3646 <i>JN</i>	217.75	2177.50
11	20.00	PKG	0100 - HANDICAP KIT WHITE ON BLUE FORTY EIGHT INCHES BY FORTY EIGHT INCHES TWO PER PACK 39 POUNDS PER PACK PREMARK HANDICAP MARKINGS WITH VIZIGRIP REMARKS NONE SWARCO # 3802 <i>JN</i>	553.80	11,076.00
12	20.00	PKG	0110 - BICYCLE SYMBOL PREMARK BIKE LANE MARKINGS WITH VIZIGRIP SIX FEET BY THREE FEET FOUR INCHES ITEM NUMBER 89230576 HS FIVE PER PACK 35 POUNDS PER PACK FHWA STANDARD SWARCO # 3789 <i>JN</i>	146.80	2936.00
13	5.00	PKG	0120 - SHARED LANE SYMBOL NINE FEET THREE INCHES BY THREE FEET THREE INCHES ITEM NUMBER 892304464 HS ONE PER PACK EIGHTEEN POUNDS PER PACK FHWA PROPOSED CALTRANS SWARCO # 3792 <i>JN</i>	553.90	2769.50
			0130 - LEFT SHARED BIKE LANE SYMBOL BOX PANEL LARGE-BIKE LANE GREEN VIZI GRIP BACKGROUND WHITE-VIZIGRIP SYMBOL MUTCD 2009 ITEM PM6902769 LVG TWO PER PACK SWARCO # 4092 <i>JN</i>		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	20.00	PKG	0140 - LIGHT GREEN LINE PM90LG Q15' VG24"	195.00	3900.00
15	40.00	PKG	PM SP SEALER REQUIRED/INCLUDED IN PRICE ITEM 89430566LGH9 FIFTEEN FEET PER PACK SWARCO # 4060 <i>Dr</i>	76.80	3072.00
16	60.00	PKG	0150 - FOUR INCH SOLID WHITE FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060 SWARCO # 3490 <i>Dr</i>	76.80	4608.00
17	70.00	PKG	0160 - FOUR INCH SOLID YELLOW FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060Y SWARCO # 3491 <i>Dr</i>	110.25	7717.50
18	95.00	PKG	<i>Forty FIVE</i> <i>Dr</i> SIXTY FEET PER PACK HOT TAPE PREMARK # 8432062 SWARCO # 3494 <i>Dr</i>	110.25	10,473.75
19	60.00	PKG	0180 - TWELVE INCH SOLID WHITE TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8434064 SWARCO # 3496 <i>Dr</i>	117.90	7074.00
20	250.00	PKG	0190 - TWELVE INCH SOLID YELLOW TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8434064Y SWARCO # 3497 <i>Dr</i>	110.25	27,562.50
21	40.00	PKG	0200 - TWENTY FOUR INCH, SOLID WHITE LINES TWENTY FOUR INCHES BY THREE FEET FIFTEEN FEET PER PACK HOT TAPE PREMARK # 8430566 SWARCO # 3502 <i>Dr</i>	103.50	4140.00
			0210 - WHITE LINES 270 ES 3m A 270ES <i>Dr</i> FOUR INCH WHITE		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
22	40.00	PKG	THIRTY YARDS PER PACK 0220 - WHITE LINES 270 ES 3M A 270 ES <i>2</i> EIGHT INCH WHITE	207.00	8280.00
23	40.00	PKG	THIRTY YARDS PER PACK 0230 - WHITE LINES 270 ES 3M A 270 ES <i>2</i> TWELVE INCH WHITE	310.50	12,420.00
24	40.00	PKG	THIRTY YARDS PER PACK 0240 - YELLOW LINES 271 ES 3M A 271 ES <i>2</i> FOUR INCH YELLOW	103.50	4140.00
25	40.00	PKG	THIRTY YARDS PER PACK 0250 - YELLOW LINES 271 ES 3M A 271 ES <i>2</i> TWELVE INCH YELLOW	310.50	12,420.00
26	20.00	EA	THIRTY YARDS PER PACK <i>SWARCO PRIMER ITEM 1048</i> 0260 - PREMARK SEALER- FLINT ACCESSORIES	185.00	3700.00
27	30.00	BX	FIVE GALLONS (EACH = 5 GALLON CONTAINERS) FIFTY POUNDS FOR CONCRETE APPLICATIONS 0270 - WHITE/RED RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	92.00	2760.00
28	30.00	BX	0280 - YELLOW RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	92.00	2760.00
29	500.00	EA	0290 - WHITE DELINEATOR POST DURA-POST	41.75	20,875.00
30	500.00	EA	PREMARK # 730102 SAFE HIT - DURA-POST <i>2</i> 0300 - YELLOW DELINEATOR POST DURA-POST	41.75	20,875.00
31	300.00	EA	PREMARK # 730102Y SAFE HIT - DURA-POST <i>2</i> 0310 - BASE WITH LOCK PIN EIGHT INCHES FOR USE WITH DELINEATORS	4.40	1320.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	20.00	PK	PREMARK # 730160 SAFARI - SMA <i>JW</i> 0320 - BUNDY PLUS FIVE INCHES BY FIVE INCHES	98.00	1960.00
33	20.00	PK	BLACK RPM ADHESIVE ONE HUNDRED AND FORTY PER PACK (140/PK) PREMARK # 8430055BK SWARCO #4275 <i>JW</i> 0330 - SUPER BUNDY PLUS PAD EIGHT INCHES BY EIGHT INCHES	156.00	3120.00
34	8.00	EA	RPM ADHESIVE EIGHTY PER PACK PREMARK # 8434056 SWARCO #4012 <i>JW</i> 0340 - EXTRA LONG PROPANE FIELD TORCH KIT MAGNUM HEAT TORCH PER ATTACHED SPECIFICATION <i>JW</i>	825.00	6600.00

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
TRANTEX TRANSPORTATION PRODUCTS OF TEXAS,
INCORPORATED.

AT THE MEETING OF DIRECTORS OF TRANTEX TRANSPORTATION PRODUCTS OF TEXAS
INCORPORATED, DULY NOTICED AND HELD ON JUNE 27, 2017,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT H. STEVEN NELSON, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.



SECRETARY-TREASURER

6-27-17

DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF TEXAS

~~PARISH~~/COUNTY OF HARRIS

BEFORE ME, the undersigned authority, personally came and appeared: H. STEVEN NELSON
 _____, (Affiant) who after being by me duly sworn, deposed and said that
 he/she is the fully authorized PRESIDENT of TRANTEX TRANSPORTATION PRODUCTS OF TEXAS, INC.
 (Entity),
 the party who submitted a bid in response to Bid Number 50-00119827, 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 ☒ 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 ☒ _____ 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.


Signature of Affiant

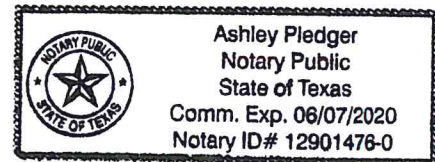
H. STEVEN NELSON
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 27th DAY OF June, 2017.


Notary Public

Ashley Pledger
Printed Name of Notary

12901476-0
Notary/Bar Roll Number



My commission expires 6/7/2020.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/27/2017

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 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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Arthur J. Gallagher Risk Management Services, Inc. 1900 West Loop South, Suite 1600 Houston TX 77027	CONTACT NAME: Crystal Vaughan		
	PHONE (A/C, No., Ext): 713-358-5742	FAX (A/C, No.): 713-358-5743	
	E-MAIL ADDRESS: crystal_vaughan@ajg.com		
INSURED CENTSUP-02 Trantex Transportation Products of Texas, Inc. 3310 Frick Road, Building D Houston, TX 77086	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Travelers Indemnity Co of America		25666
	INSURER B: Travelers Property Casualty Co of A		25674
	INSURER C: Farmington Casualty Company		41483
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES

CERTIFICATE NUMBER: 627926144

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 INSD	SUBR 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 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			Y6305D712115	9/8/2016	9/8/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			BA5D747570	9/8/2016	9/8/2017	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 type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000 <input type="checkbox"/> CLAIMS-MADE			ZUP41M6462A	9/8/2016	9/8/2017	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A		YFUB5D78300	9/8/2016	9/8/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

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

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish
200 Derbigny Street
Ste. 4400
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

Mauro A. S.

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Dura-Post's delineators are composed of a highly durable specialty polymer and feature a 3" (76.2mm) post diameter. They are designed for areas with a high impact frequency and have been successfully tested to withstand over 200 impacts at 60mph (96.56 kmh). The post remains extremely flexible even at extreme temperatures. Decals can be used instead of reflective sheeting if desired. See page 11 for details. **Specify post color and reflective color when ordering.**

DURA-POST™ SYSTEMS

Standard Post Colors:

White, Yellow or Orange

Custom Post Colors:

Blue, Green, Brown, Black, Red or Gray

Reflective Sheeting:

Standard is high-intensity Silver, Amber or Orange (see page 12 for other reflective options)

Height:

Custom heights less than 36" (914.4mm) available. Call for details.

Dura-Post With Reflective Band(s) and Base/Anchor



Round 3" (76.2mm) diameter 36" (914.4mm) post with one, two or three high-intensity reflective bands for omni-directional reflectivity. Includes surface mount base or soil anchor.

SURFACE MOUNT

3" (76.2mm) Band	Orange Post	White Post	Yellow Post
One Band	SHL36SMA--OS-03	SHL36SMA--WS-03	SHL36SMA--YS-03
Two Bands	SHL36SMAE1OS-03	SHL36SMAE1WS-03	SHL36SMAEYS-03
Three Bands	SHL36SMAE2OS-03	SHL36SMAE2WS-03	SHL36SMAE2YS-03

SOIL ANCHOR

One Band	SHL36GP3--OS-03	SHL36GP3--WS-03	SHL36GP3--YS-03
Two Bands	SHL36GP3E1OS-03	SHL36GP3E1WS-03	SHL36GP3E1YS-03
Three Bands	SHL36GP3E2OS-03	SHL36GP3E2WS-03	SHL36GP3E2YS-03

Dura-Post With Vertical Reflective Strip(s) and Base/Anchor



Round 3" (76.2mm) diameter 36" (914.4mm) post with 3" x 12" (76.2mm x 304.8mm) strip for directional reflectivity. Includes surface mount base or soil anchor.

SURFACE MOUNT

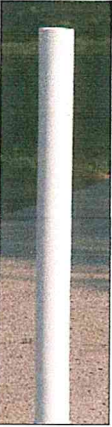
3" x 12" Strips (76.2mm x 304.8mm)	Orange Post	White Post	Yellow Post
One Strip	SHL36SMA--OS-12	SHL36SMA--WS-12	SHL36SMA--YS-12
Two Strips	SHL36SMAE1OS-12	SHL36SMAE1WS-12	SHL36SMAE1YS-12

SOIL ANCHOR

One Strip	SHL36GP3--OS-12	SHL36GP3--WS-12	SHL36GP3--YS-12
Two Strips	SHL36GP3E1OS-12	SHL36GP3E1WS-12	SHL36GP3E1YS-12

Dura-Post Without Reflective

Round 3" (76.2mm) diameter 36" (914.4mm) post with no reflective material. Includes surface mount base or soil anchor.



SURFACE MOUNT

Size/Color		Part No.
36" Orange	914.4mm	SHL36SMA-OX
36" White	914.4mm	SHL36SMA-WX
36" Yellow	914.4mm	SHL36SMA-YX

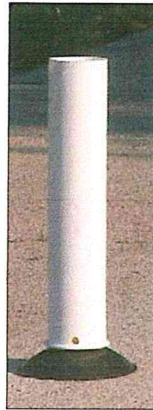
SOIL ANCHOR

36" Orange	914.4mm	SHL36GP3-OX
36" White	914.4mm	SHL36GP3-WX
36" Yellow	914.4mm	SHL36GP3-YX

Custom colors such as Blue, Green, Brown, Black, Red or Gray are also available. Call for details.

4" Diameter Dura-Post

Round 4" (101.6mm) diameter 24" (609.6mm) post available with or without high-intensity reflective material. Specify post and reflective color when ordering. Includes surface mount base or soil anchor.



SURFACE MOUNT

Reflective Type		Part No.
No Sheeting		SHL2Q24SMA--WX
One 3" band	76.2mm	SHLQ24SMA--WS-03
Two 3" bands	76.2mm	SHLQ24SMAE1WS
Three 3" bands	76.2mm	SHLQ24SMAE2WS
One Vertical (3"x12")	76.2mm x 304.8mm	SHLQ24SMA--WS-12
Two Vertical (3"x12")	76.2mm x 304.8mm	SHLQ24SMAE1WS-12

SOIL ANCHOR

No Sheeting		SHLQ24GP3--WX
One 3" band	76.2mm	SHLQ24GP3--WS-03
Two 3" bands	76.2mm	SHLQ24GP3E1WS
Three 3" bands	76.2mm	SHLQ24GP3E2WS
One Vertical (3"x12")	76.2mm x 304.8mm	SHLQ24GP3--WS-12
Two Vertical (3"x12")	76.2mm x 304.8mm	SHLQ24GP3E1WS-12

BASE & ANCHOR OPTIONS

Dura-Post flexible channelizers can be mounted on asphalt or concrete or anchored in soil. The Surface Mount Base can be secured to the asphalt or concrete surface using an adhesive pad or epoxy kit. The Soil Anchor can be driven into the ground using the Manual Soil Anchor Driver or a power tool. The 8" (203.2mm) anchor is recommended for concrete, the 14" (355.6mm) and 18" (457.2mm) anchors for normal soil and the 24" (609.6mm) for loose or sandy soil. Specify anchor type when ordering.



SURFACE MOUNT BASE WITH LOCK PIN



Size	Part No.
8" 203.2mm	SLSMA-1---BL

Custom base colors, Yellow and Orange available. Call for details.

SOIL ANCHOR KIT



Size	Part No.
8" 203.2mm	SHL-08CO-GL
14" 355.6mm	SHL-140E-GL
18" 457.2mm	SHL-180E-GL
24" 609.6mm	SHL-240E-GL

Fasteners included.



FOR ADHESIVES AND INSTALLATION TOOLS, SEE PAGES 4 AND 6

SAFE-HIT® DURA-POST® SURFACE MOUNT POST ASSEMBLY GENERAL SPECIFICATIONS

I. GENERAL

All SAFE-HIT DURA-POST Surface Mount Post Assemblies shall be manufactured by Energy Absorption Systems, Incorporated, of Chicago, Illinois.

II. DESCRIPTION

A. Heavy Duty Delineator Post

SAFE-HIT Part Number SHL36SMR--XX

- Injection molded thermoplastic polyurethane shall meet the following physical properties:

Specific Gravity: 1.20

Ultimate Elongation: 500 %

Ultimate Tensile Strength: 5500 psi

Hardness: 55 +/- 5 Shore D

Tear Strength: 680 lb_f/in

Diameter: 3"

Height: 36"

Standard Colors: Yellow, Orange, White

Patented one-piece design with tapered wall thickness

B. 3M High Intensity Grade Reflective Sheeting

- Horizontal Bands
(1, 2 or 3) 3" wide x 9 ¾" long horizontal bands per post assembly
- Vertical Strips
(1 or 2) 3" x 12" vertical strips per post assembly
- Colors: Silver or Amber
- Brightness: 250 Candlepower

C. DURA-POST Surface Mount Base

SAFE-HIT Part Number SLSMA---BL

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: black
- Includes cold finished aluminum retaining pin for locking post in base

III. PERFORMANCE

Installed with the pin perpendicular to traffic, the SAFE-HIT DURA-POST Surface Mount Post Assembly withstands in excess of 200 vehicle impacts at 60 mph.



SAFE-HIT, 35 EAST WACKER DRIVE, SUITE 1100, CHICAGO IL 60601
PH: (800) 537-8958 FX: (800) 770-6755

**SPECIFICATION
HAND HELD HEAT GUN**

1. **USE:** This specification is for a propane fueled Heat Gun that is suitable for the application of preformed thermoplastic pavement markings on both asphalt and concrete surfaces.
2. **UL APPROVAL:** The Heat Gun shall be UL listed and approved.
3. **CONSTRUCTION:** The Heat Gun should be of sturdy design utilizing an accelerated thrust of air heated by a short flame.
 - 3.1. Size: The length of the Heat Gun from the end of the handle to the end of the nozzle shroud must be a minimum of 29 ins. The minimum length of the hose shall be 30 ft.
 - 3.2. Weight: A lightweight, properly balanced design that incorporates an aluminum counterweight that decreases operator fatigue, thus facilitating production.
 - 3.3. Material: Torch body shall be all brass construction. The handle must be made of insulating plastic.
 - 3.4. Ignition: Piezoelectric type igniter must be built into the Nozzle Shroud.
 - 3.5. Gas Cylinder Valve: The Heat Gun shall have an automatic safety shut off valve in case of leakage or breakage of hose or connectors. The Heat Gun shall have an adjustable regulator valve.
 - 3.6. Safety: Safety stand supplied with the Heat Gun.
4. **OPERATION:** Heat Performance: The Heat Gun must be able to produce 210,000 to 300,000 BTU at sea level altitude.
5. **TECHNICAL SERVICES:** The successful bidder shall provide technical services and ensure spare parts supply as required.
6. **WARRANTY:** The successful bidder shall provide a twelve (12) month warranty covering parts and labor. Damage due to negligence, misuse or accident is exempted.

**Request for Taxpayer
Identification Number and Certification**

Give Form to the
requester. Do not
send to the IRS.

#257723

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Trantex Transportation Products of Texas Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification: check only one of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC
☒ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) _____
Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
3310 Frick Rd. Bldg. D

6 City, state, and ZIP code
Houston, TX 77086

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
or								
Employer identification number								
7	6	-	0	1	9	1	9	9

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification Instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ Renee Campbell Date ▶ 2/12/16

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/irb.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

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 advertised 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

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

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.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

June 23, 2017

ADDENDUM # 1

Bid No.: 50-00119827

Bid Opening Date: June 29, 2017, 2:00 PM

For: Two (2) Year Contract for a Supply of Thermoplastic Pavement Markings for the Jefferson Parish Traffic Engineering Division

➤ CLARIFICATION OF SPECIFICATIONS FOR ITEMS 0210 - 0250

Change the series for items 0210 – 0250:

Items 0210 – 0250 should be NON-LINERED

ITEM #	CURRENT SERIES	CHANGE SERIES TO
0210	270ES	A270ES
0220	270ES	A270ES
0230	270ES	A270ES
0240	271ES	A271ES
0250	271ES	A271ES

Sincerely,

Melissa Ovalle

Melissa Ovalle, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053

Office 504.364.2678 – Fax 504.364.2693

Email: Purchasing@jeffparish.net Website: www.jeffparish.net



Bid Number 50 - 00119827

**TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC
PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC
ENGINEERING DIVISION**

BID DUE: June 29, 2017, 2:00 PM

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: Melissa Ovalle
Buyer Email: movalle@jeffparish.net
Buyer Phone: (504) 364-2687**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

**JEFFERSON PARISH DEPARTMENT OF ENGINEERING
TRAFFIC ENGINEERING DIVISION
SPECIFICATION TE-STMAT-2017
SPECIFICATION FOR THERMOPLASTIC PAVEMENT MARKINGS
MATERIAL ONLY**

GENERAL NOTES: The following specifications describe are for a two-year contract to provide retroreflective pavement marking (MATERIAL ONLY). The material shall include but not be limited to: Raised Pavement Markers, Pavement Marking, and Preformed Letters, Legends, and Symbols. All material and legends shall conform to these specifications and to those listed in the Manual of Uniform Traffic Control Devices, 2009 Edition.

Upon request bidders must submit references prior to award. References shall include contact information for municipalities where material has been used successfully on roadways in similar environmental conditions.

HOT APPLIED THERMOPLASTIC PAVEMENT MARKING

DESCRIPTION: This specification describes a reflectorized thermoplastic pavement striping material that is applied using the propane torch method recommended by the manufacturer, to the road surface in a molten state by mechanical means. The material must be able to be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. Upon cooling to normal pavement temperatures the resulting traffic marking shall produce a stripe of specified thickness and width that is retroreflective in dry and wet conditions and capable of resisting deformation by traffic.

- a) The markings must be a resilient white or yellow thermoplastic product with uniformly distributed glass beads throughout the entire cross sectional area. The markings must be resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids etc. Lines, legends, and symbols are capable of being affixed to bituminous and/or Portland cement concrete pavements by the use of the normal heat of a propane torch. Other colors shall be available as required.
- b) The markings must be capable of conforming to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the torch.
- c) The markings must be able to be applied in temperatures down to 32 degrees F. without any special storage, preheating, or treatment of the material before application.
- d) Sealer shall be required for all markings on portland cement concrete and other non-bituminous surfaces where the marking is at street level and would be subjected to vehicular traffic. The sealer shall be supplied in 5 gallon pails. Expiration date for the sealer shall be clearly stamped on the container label.

MATERIALS: The thermoplastic material shall be homogeneously composed of pigment, binder, and glass beads. ***PREHEATED MATERIAL WILL NOT BE ACCEPTED.*** All material shall conform to the Manual of Uniform Traffic Control Devices, 2009 Edition.

The material shall be comprised of maleic modified rosin ester resin and high boiling plasticizer resistant to degradation by motor fuels, lubricants, etc. in conjunction with aggregates, pigments, binders, and glass beads which have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices. The binder shall be a minimum of 50% maleic modified rosin ester.

The thermoplastic material shall conform to AASHTO designation M249-79 (86), with the exception of the relevant differences due to the material being supplied in a preformed state.

The thermoplastic material shall be free of skins, dirt and foreign debris.

The reflective media shall be made up by the internal and external application of glass beads and shall conform to the following requirements:

Glass Beads- The material must contain a minimum of thirty percent (30%) graded glass beads by weight and shall in the "received state" have surface beads firmly affixed. The beads shall be clear and transparent. Not more than twenty percent (20%) of the beads shall consist of irregular fused spheroids, or silica. The index of refraction shall not be less than 1.50.

The thermoplastic materials shall have the following characteristics:

- Shall not deteriorate upon contact with pavement materials, petroleum droppings from traffic and chemicals, such as sodium chloride or calcium chloride, used to prevent formation of ice on roadways or streets.
- Shall not scorch, discolor, or deteriorate if kept at the manufacturer's recommended application temperature, or deteriorate if kept at the manufacturers recommended application temperature, or at least 400° F (204.4° C) for 4 hours.
- Has a temperature versus viscosity characteristic that remains constant from batch to batch through 3-4 re-heat cycles.
- The thermoplastic material in the plastic state shall not exude fumes that are toxic, or cause injury to persons or property.

The Thermoplastic materials shall have the following composition:

- The pigment, beads and filler shall be uniformly dispersed in the resin. The thermoplastic shall be free of skins, dirt, and foreign objects and shall comply with requirements according to Table 3.

Table 3 - COMPOSITION

All Weather Thermoplastic		
Component	Weight Percent	
	White	Yellow
Binder	18% minimum	18% minimum
Type I Glass Spheres (AASHTO M247, Type I)	30% - 40%	30% - 40%
TiO₂, Type II Rutile	10% minimum	As needed
Pigment Yellow 83	None	See Note 1
Calcium Carbonate and Inert Filler (200 mesh sieve)	42% Maximum	See Note 1

Note 1- The amount of yellow pigment, calcium carbonate and inert fillers shall be at the option of the manufacturer, providing all other requirements of this specification are met.

- The thermoplastic material shall be produced without the use of lead chromate or arsenic.
- The thermoplastic shall contain clear glass beads as described above.
- The thermoplastic shall be formulated and manufactured from first-grade materials and specifically compounded for traffic markings.
- The thermoplastic shall resist smearing or spreading under normal traffic conditions below 120° F (49° C).
- The finished line shall maintain its original dimensions and placement.
- The finished line shall be free from tack below 120° F (49° C) and is not slippery when wet.
- The thermoplastic line shall be homogenous with even distribution of pigments, and beads throughout the plastic matrix.
- The physical properties of the thermoplastic line shall be uniform throughout the plastic matrix.
- The thermoplastic line shall resist lifting from the pavement in freezing weather and possess cold ductility properties that permit reasonable movement resulting from thermal expansion and contraction with the road surface to minimize chipping or cracking.

The Thermoplastic materials shall have the following physical characteristics:

Storage Life – The thermoplastic material shall meet the requirements of this specification and melt uniformly with no evidence of skins or un-melted particles for a period of one year.

Yellowness Index – Test according to recommendations in ASTM D 4960 and make yellowness index measurements according to ASTM E 1349 using a 2 degree observer and D 65 illuminant. The yellowness index for the white thermoplastic shall not exceed 15.

Cracking Resistance at Low Temperature - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and then applying to concrete blocks, and cooling to 15° +/-3.6° F (-9.4° +/-2.0° C) the material shall show no cracks. Ref: (AASHTO T-250-04 section 12).

Impact Resistance - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and making test specimens and testing per ASTM 256, Method A (un-notched), the impact resistance shall be a minimum of 8.8 inch-lbs. (1.0 J) Ref: (AASHTO T-250-04 section 14).

Softening Point - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing in accordance with ASTM D 36 the materials shall have a softening point of 215° +/-15° F (102.5° +/-5° C).

Flowability - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing for flowability, the white thermoplastic shall have a maximum percent residue of 18 and the yellow thermoplastic shall have a maximum percent residue of 21. Ref: (AASHTO T-250-04 section 11).

Flowability with Extended Heating - After heating the thermoplastic for 8.0 +/- 0.5 hrs. at 425° +/-3° F (218° +/- 2° C), with stirring the last 6 hrs., and testing for flowability, the thermoplastic shall have a maximum percent residue of 28. Ref: (AASHTO T-250-04 section 17).

Flash Point – When tested in accordance with ASTM D 92 the thermoplastic will have a flash point not less than 475° F (248° C).

Indentation Resistance – Test according to ASTM D 2240 Shore Durometer, A2. Durometer and panel at 110° F (43.3° C) with a 4.4 lb load applied. Measurement is taken after 15 seconds. The thermoplastic should have a minimum value of 40 and a maximum value of 75. **Note:** Extra care should be taken to ensure the intermix is thoroughly mixed and uniform in the test samples. A non-uniform sample will result in erratic measurement values.

- **Note:** During measurement of thermoplastic containing large glass beads the durometer probe may impact a large bead during the test resulting in a much higher than expected result. If the value is unreasonably high, it may be necessary to retest in another location on the sample.

Specific Gravity – Test according to ASTM D 153. The thermoplastic should have a minimum no less than 1.9 maximum of no more than 2.3.

Water Absorption - Test according to ASTM D 570. The thermoplastic sample should have a maximum of 0.5% water absorption.

Ultra Violet Light and Condensate Exposure – Make samples and test according to ASTM G 154. After 300 hrs. exposure the thermoplastic samples shall meet the requirements below.

Color – Make and test thermoplastic samples according to ASTM D 4960. Make color measurements according to ASTM D 6628-03 using a 2 degree observer and D 65 illuminant. The thermoplastic material, after heating for 240 +/-5 minutes at 425° +/- 3° F (218° +/- 2° C) and then cooled to 77° +/-3° F (25° +/- 2° C) shall meet the following criteria:

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 75% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.355, 0.355)$
 $(x_2, y_2) = (0.305, 0.305)$
 $(x_3, y_3) = (0.285, 0.325)$
 $(x_4, y_4) = (0.335, 0.375)$
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 45% minimum.
- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.560, 0.440)$
 $(x_2, y_2) = (0.490, 0.510)$
 $(x_3, y_3) = (0.420, 0.440)$
 $(x_4, y_4) = (0.460, 0.400)$

Retroreflectance – Typical initial retroreflectance are shown in the Table 4 below. Typical retroreflectivity averaged over many readings [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)]

Table 4

Typical Initial Retroreflectivity* Average values over many applications (mcd (ft-2) (fc-1) ; {metric equivalent mcd (m-2) (lux-1)})		
	White	Yellow
Dry (ASTM E1710)	900	700
Wet recovery (ASTM E2177)	345	280
Wet Continuous (ASTM E2176)	125	90

*Note : Typical Retroreflectivity results represent average performance for smooth pavement surfaces. Results may vary due to differences in pavement type and surface roughness. Increased element drop rate may be necessary to compensate for increased surface area characteristics of rough pavement surfaces.

Some reasonable variance should be expected (for example, application on very rough road surfaces or differences in glass beads).

The initial retroreflectance of a single installation shall be the average value determined to the measurement and sampling procedures outlined in ASTM D 6359, using a 30-meter (98.4 feet) retroreflectometer. R_L shall be expressed in units of millicandelas per square foot per foot-candle [$\text{mcd}(\text{ft}^{-2})(\text{fc}^{-1})$] metric equivalent [$\text{mcd}(\text{m}^{-2})(\text{lux}^{-1})$].

Initial performance of pavement marking shall be measured no sooner than 4 - 7 days after application.

Wet retroreflectance values measured under a "condition of continuous wetting" (simulated rain) shall be in accordance with ASTM E2176, and to reduce variability between measurements, the test method shall be performed in a controlled laboratory environment while the marking is positioned with a 3 to 5 degree lateral slope. Measurements shall be reported as the average of the minimum of three locations. Samples of the completed finished product shall be applied to flat panels during application and brought back to the lab for testing.

On The Road Track-Free Time – When applied at a temperature range of $412.5^{\circ} \pm 12.5^{\circ} \text{ F}$ ($211^{\circ} \pm 7^{\circ} \text{ C}$) and a thickness of 60 mils to 185 mils (1.5mm-4.7mm) the material shall set to bear traffic in not more than 2 minutes when the air and road temperature is $50^{\circ} \pm 3^{\circ} \text{ F}$ ($10^{\circ} \pm 2^{\circ} \text{ C}$) and not more than ten minutes when the air and road temperature is $90^{\circ} \pm 3^{\circ} \text{ F}$ ($32^{\circ} \pm 2^{\circ} \text{ C}$).

- **Track Free** - shall be considered as the condition where no visual deposition of the traffic marking to the pavement surface is observed when viewed from a distance of 50 feet, after a free-rolling traveling vehicle's tires have passed over the line.

Color After Application – The color of the applied white and yellow stripes and markings (with beads) shall conform to the daytime and nighttime color requirements in ASTM Designation: D 6628-03.

- **White Reflectance:** Daylight reflectance (Cap Y) measured at $45/0$ degrees is 35% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.355, 0.355)
 - (x2,y2) = (0.305, 0.305)
 - (x3,y3) = (0.285, 0.325)
 - (x4,y4) = (0.335, 0.375)
- **Yellow Reflectance:** Daylight reflectance (Cap Y) measured at $45/0$ degrees is 25% minimum.

- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.560, 0.440)
 - (x2,y2) = (0.490, 0.510)
 - (x3,y3) = (0.420, 0.440)
 - (x4,y4) = (0.460, 0.400)

PACKAGING: The preformed thermoplastic markings shall be placed in protective plastic film with cardboard stiffeners where necessary to prevent damage in transit. Linear material must be cut to a maximum of 3' long pieces. Legends and symbols must also be supplied in flat pieces. The cartons in which packed shall be non-returnable and shall not exceed 40" in length and 25" in width, and be labeled for ease of identification. The weight of the individual carton must not exceed seventy (70) pounds. A protective film around the box must be applied in order to protect the material from rain or premature aging.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid From.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0010	Left Arrow Pavement Marking	Package
0020	Straight Arrow Pavement Marking	Package
0030	Right Arrow Pavement Marking	Package
0040	Right/Straight Arrow Pavement Marking	Package
0050	Left/Straight Arrow Pavement Marking	Package
0060	"ONLY" Legend Pavement Marking	Package
0070	"R X R" Kit Pavement Marking	Package
0080	Eight Foot "SCHOOL" Legend Pavement Marking	Package
0090	Ten Foot "SCHOOL" Legend Pavement Marking	Package
0100	Handicap Kit, White on Blue	Package
0110	Bicycle Symbol	Package
0120	Shared Lane Symbol	Package
0130	Left Shared Bike Lane Symbol	Package
0140	Light Green Line	Package
0150	Four Inch Solid White Pavement Marking	Package
0160	Four Inch Solid Yellow Pavement Marking	Package
0170	Eight Inch Solid White Pavement Marking	Package
0180	Twelve Inch Solid White Pavement Marking	Package
0190	Twelve Inch Solid Yellow Pavement Marking	Package
0200	Twenty Four Inch Solid White Pavement Marking	Package

Pavement Marking Tape - Patterned Pavement Marking Tape for Intersections

Description: This specification describes Pavement Marking Tape Series 270 ES retroreflective patterned polymer pavement marking that can be used as an inlay marking on new asphalt or as an overlay marking on asphalt and concrete pavement surfaces in good condition. Series 270 ES tape shall offer "Extended Season" applications with pressure sensitive adhesive (PSA) package on the bottom surface. Series 270 ES shall not require surface preparation adhesive prior to application.

Materials:

Series A270 ES: Unlinered. Used for long lines, edge lines, channelizing lines, gore markings, stop bars and crosswalks.

Series L270 ES: Linered. Used to cut symbols and legends.

Series SMS-L270 ES: Linered. Precut symbols and legends.

Properties:

A. Product Features:

- Durable, conformable to pavement and retroreflective
- Embedded net provides increased tear resistance
- Pressure sensitive adhesive (PSA) on bottom surface
- No surface preparation adhesive required when applied within standard tape application season
- Retroreflective layer of glass beads bonded in a highly durable polyurethane topcoat
- Manufactured without the use of heavy metals, lead chromate pigments or other similar, lead containing chemicals
- Nominal thickness of 0.065 in. (1.6 mm) at pattern heights
- White: 270 ES
- Yellow: 271 ES

B. Reflectance

Series 270 ES tape shall have the following initial minimum retroreflectance values when measured in accordance with ASTM-D4061 and ASTM 4505. The photometric quality to be measured is coefficient of retroreflected luminance (RL) and shall be expressed as:

English RL: millicandelas per square foot per footcandle [(mcd • ft-2) • fc-1] or equivalently as:

Metric RL: millicandelas per square meter per lux [(mcd • m-2) • lx-1]

	White	Yellow
Entrance Angle	88.76°	88.76°
Observation Angle	1.05°	1.05°
Retroreflected Luminance*	300	250
RL [(mcd • ft-2) • fc-1]		

*The quantity of retroreflected luminance (RL) "relates to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernible surface areas." Federal Test Method Standard 370, 3.1.2, Note 6, March 1, 1977.

C. Color

The preformed markings consist of white or yellow films with pigments selected and blended to conform to standard highway colors.

D. Skid Resistance

The patterned surface of the retroreflective pliant polymer shall provide an initial minimum skid resistance value of 45 BPN when tested according to ASTM E 303 except values will be taken in one direction and at 45° angle from that direction. These two values will then be averaged to find the skid resistance of the patterned surface.

E. Patchability

Heavy traffic may cause wear and damage. New materials shall be easily installed in these areas with minimal surface preparation by following the manufacturer's recommendations.

PAYMENT: ReflectORIZED thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0210	Four Inch White 270 ES	Package
0220	Eight Inch White 270 ES	Package
0230	Twelve Inch White 270 ES	Package
0240	Four Inch Yellow 271 ES	Package
0250	Twelve Inch Yellow 271 ES	Package
0260	Premark Sealer	Each

DURABLE, ABRASION-RESISTANT, RETROREFLECTIVE RAISED PAVEMENT MARKERS

DESCRIPTION: This specification describes durable, abrasion-resistant, retroreflective raised pavement markers designed for installation on asphalt and portland cement concrete road surfaces. The markers shall be designed to provide highly effective, long-life nighttime visibility.

MATERIALS: The marker shall be produced from an engineering polymer selected for superior impact resistance and weatherability. The color of the marker body shall be either neutral white or as specified. The marker shall incorporate an abrasion-resistant, retroreflective element designed to provide long-lasting nighttime visibility. These markers are intended for application directly onto asphalt or Portland concrete pavement surfaces and shall be compatible with commercially available bitumen or epoxy resin adhesives designed for use with raised pavement markers and as recommended by the marker manufacturer. All other adhesives must be tested by the user to determine suitability.

The markers shall be durable, impact and abrasion-resistant, retroreflective raised pavement markers designed for use with longitudinal and gore markings on new and existing roads in non-snow plow regions.

The marker shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive Bundy pad designed to adhere raised pavement markers to the road surface when heated with a torch. (5" x 5", 125-mil thick squares)

The marker shall meet the following specified requirements:

The marker body shall be produced in neutral white or as specified. The color of the retroreflective element shall be white, yellow, red, green or blue as specified.

Dimensions: The typical dimensions of the marker shall be:

Height: 0.625 ± 0.050 in. (15.88 ± 1.27 mm)

Width: 4.00 ± 0.50 in. (101.6 ± 12.7 mm)

Length: 3.50 ± 0.50 in. (89.2 ± 12.7 mm)

The white/red, and yellow/amber markers shall have initial minimum retroreflectance values specified as the product of the values in Table 1 when measured in accordance with ASTM E809. The photometric quantity to be measured is the coefficient of retroreflected luminous intensity (RI), expressed as millicandelas per lux (mcd/lx). One candela per lux equals 10.76 candelas per foot-candle.

Table 1: Minimum RI Values

Entrance angle β_1 ($\beta_1 = 0^\circ$)	0°		$\pm 20^\circ$	
Observation angle	$.2^\circ$		$.2^\circ$	
Color	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/ftcd)	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/ftcd)
White	279	3.00	112	1.20
Yellow/Amber	167	1.80	67	0.72
Red	70	0.75	28	0.30
Blue	26	0.28	10	0.11
Green	93	1.00	37	0.40

The markers shall have initial minimum retroreflectance values specified as the product of the values in **Table 2 and Table 3** when measured in accordance with ASTM E809. In **Table 2**, the angles referenced correspond to the entrance, rotation and observation geometry for a driver in a standard vehicle with pavement markers placed on a lane line to the left of the vehicle. The measured value at each simulated distance is the sum of the marker retroreflection from the incident illumination of the left and right headlights. Test set up and measurement geometry is illustrated in **Figure 1**.

Table 2: R_1 "Driver Geometry"

Simulated Distance		Headlight	Observation Angle (α) (degrees)	Rotation Angle (ϵ) (degrees)	Entrance Angle (β)		Minimum R_1 (mcd/lux) left + right	Typical R_1 (mcd/lux) left + right
Feet	Meters				β_1	β_2		
100	30	Left	0.95	19	-2.0	-1.6	40	80
		Right	2.91	-72	4.6	-2.9		
300	91	Left	0.35	24	-0.7	-0.5	350	500
		Right	0.90	-69	1.4	-1.0		
500	152	Left	0.22	24	-0.4	-0.3	600	1000
		Right	0.53	-68	0.8	-0.6		

Note: In laboratory testing Entrance Angles β_1 and β_2 are set to equal 0° and Left/Right Rotation Angles ϵ are set to 20° - 70° as an approximation with little loss of accuracy.

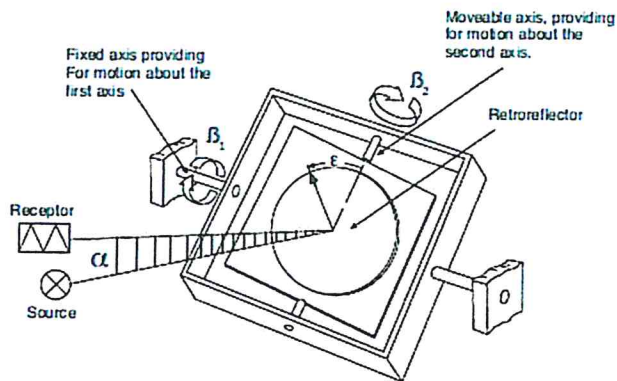


Figure 1: Driver Geometry (CIE Notation)

Table 3:
Color Multiplying Factors

Color	Multiplying Factor
White	1
Yellow/Amber	0.6
Red	0.25
Blue	0.1
Green	0.33

The retroreflected color of the markers shall lie within the respective retroreflected color gamut coordinates, plotted on the 1931 CIE Chromaticity (x,y) diagram, described in Table 4 and Figure 2 when tested in accordance with ASTM E811 using CIE Illuminant Source A and viewing conditions of 0.2° observation angle, 0° entrance angle. The source and receptor angular apertures are each 6 minutes of arc.

Table 4: Retroreflected Color Gamut Coordinates

Point Number	White		Yellow		Red		Blue		Green	
	x	y	x	y	x	y	x	y	x	y
1	0.310	0.348	0.545	0.424	0.650	0.330	0.039	0.320	0.009	0.733
2	0.453	0.440	0.599	0.439	0.668	0.330	0.160	0.320	0.288	0.520
3	0.500	0.440	0.609	0.390	0.734	0.265	0.160	0.240	0.209	0.395
4	0.500	0.380	0.597	0.390	0.721	0.259	0.183	0.218	0.012	0.494
5	0.440	0.380	—	—	—	—	0.088	0.142	—	—
6	0.310	0.283	—	—	—	—	—	—	—	—

If two points lie on the spectrum locus line, they must not be connected by a straight line but rather should, in this case, be joined by the boundary of the spectrum locus.

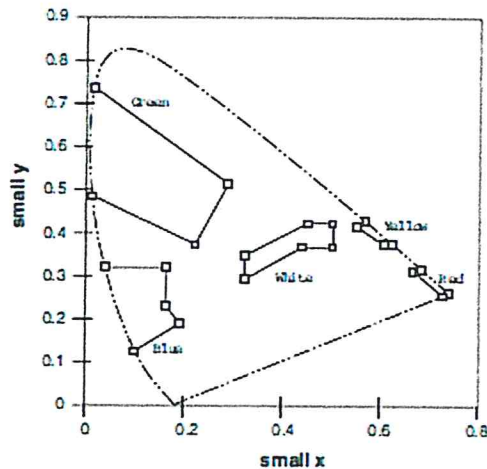


Figure 2: CIE 1931 Chromaticity Chart

The coefficient of retroreflected luminous intensity of the markers is measured after subjecting the entire lens surface to the test described in ASTM D 4280 section 9.5 using a sand drop apparatus. After the exposure described above, retroreflected values shall not be less than 0.5 times the values listed in Table #1.

The marker shall comply with the initial minimum brightness requirements as specified in Table 1 and the product of the values in Tables 2 and 3 after conditioning for 12 hours at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$).

The marker body shall display no cracking or breakage when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be positioned in such a way that the Tup strikes the top of the marker. The marker lens shall display no cracking outside the impact area when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be placed in a steel fixture designed to hold the marker lens horizontal and positioned such that the Tup strikes the center of the lens.

The markers shall be conditioned for 10 minutes at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$) and then immediately submerged in a water bath at $70^{\circ}\text{F} \pm 5^{\circ}\text{C}$ ($21^{\circ}\text{F} \pm 2.5^{\circ}\text{C}$) for 10 minutes. The markers should then be removed from the water bath, wiped dry with a soft cloth, visually inspected for penetration of water behind the lens, and measured for reflectivity in accordance with ASTM E809. The markers shall meet the initial minimum retroreflectance specified values in Table 1 and the product of the values in Tables 2 and 3.

The markers shall meet the performance requirements contained in the current ASTM D 4280 for Raised Retro-reflective Pavement Markers. This warranty excludes (without limitation) damage from improper installation, exposure to chemicals or mishandling. Should the marker fail to conform to this warranty, the manufacturer shall, at its expense for materials ONLY, furnish replacement markers for those non-conforming markers. Jefferson Parish Traffic Engineering Division will maintain and track all installation information.

PAYMENT: Raised pavement markers shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0270	White / Red Raised Pavement Marker	Box
0280	Yellow Raised Pavement Marker	Box

HIGH IMPACT DELINEATOR POSTS

High Performance Surface Mount Post Assembly

DESCRIPTION: This specification describes a high performance surface mount delineator post assembly. The delineators shall be composed of a highly durable, urethane plastic and feature a 3" post diameter. The posts shall be able to withstand over 200 impacts at 60 mph, and shall be designed for areas with a high impact frequency. The posts shall remain extremely flexible, even at extreme temperatures and returns to an upright position after impact.

MATERIALS:

Heavy Duty Delineator Post

- Injection molded thermoplastic (100% polyurethane – no blends accepted)
- Diameter: 3" from all viewing angles
- Height: 36"
- Standard Colors: Yellow, White
- One piece design

Abrasive Resistant Reflective Sheeting

- Horizontal bands
(1, 2, or 3) 3" wide X 9 ¾" long horizontal bands per post assembly
- Vertical strips
(1 or 2) 3" X 12" vertical strips per post assembly
- Standard Colors: Silver or Amber

Surface Mount Base

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: Black
- Includes cold finished Aluminum retaining pin for locking post in base. (One required per post)
- Quick Change retaining pin
- Center screw mount base
- Base shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive SuperBundy pad designed to adhere delineator posts to the road surface when heated with a propane torch. (8" x 8", 100-mil thick, TWO-piece system)

Performance

- Testing
Installed with the pin perpendicular to traffic, the dura-post assembly withstands in excess of 200 vehicle impacts at 60 mph.
- National Transportation Product Evaluation Program (NTPEP) Tested.

PAYMENT: High Impact Delineator posts shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0290	White Delineator Post	Each
0300	Yellow Delineator Post	Each
0310	Base with Lock Pin	Each
0320	Bundy	Pack
0330	Super Bundy	Pack

PROPANE FIELD TORCH KIT

DESCRIPTION: This specification describes an Extra-long, Propane fuel Field Torch Kit. The torch shall be propane gas fueled and used with a propane gas bottle to heat thermoplastic pavement markings when applying to asphalt or concrete roads, surfaces, etc. The torch shall be used to apply thermoplastic lines, letters, and thermoplastic legends on a variety of different surfaces to create a durable finish that can be walked on and driven over within minutes. The torch shall be easily operated by one person. The gas torch shall attach to a gas bottle (not provided) and work by manual application.

MATERIALS: The torch kit shall include the following:

- 24" Extra-Long brass torch handle with 70mm electronic nozzle
- 600,000 BTU
- 33' U/L listed regulator
- Swivel hose connector
- Safety stand
- Lightweight and balanced
- Brass constructed
- Interchangeable nozzles
- Electronic ignition

PAYMENT: The propane field torch kit shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0340	Extra-long Propane Field Torch Kit	Each

DATE: 6/14/2017
BID NO.: 50-00119827

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

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

BUYER: MOVALLE@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053 UNTIL 2:00 PM, 6/29/2017 AND PUBLICLY OPENED THEREAFTER.

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 will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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.

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.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

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 alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement 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.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

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. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2261"

B. 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.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part 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 any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

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

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

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>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy 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 <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

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. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
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.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

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: 6/14/2017

Page: 5

BID NO.: 50-00119827

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

15 days/ARO

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

N/A

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Swarco Industries LLC

ADDRESS: 270 Rutherford Lane

CITY, STATE: Columbia, TN

ZIP: 38401

TELEPHONE: (931) 388-5900

FAX: (931) 388-4039

EMAIL ADDRESS: roseann.meredith@swarco.com

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: 1

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 125,333.05

AUTHORIZED

SIGNATURE:  6/23/2017

Jon Sproul

Printed Name

TITLE: President/GM

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

DATE: 6/14/2017

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 6

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION		
1	30.00	PKG	0010 - LEFT TURN ARROW Swarco #3545 EIGHT FEET	\$191.42	\$5,742.60
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241L		
2	10.00	PKG	0020 - STRAIGHT ARROW Swarco #3550 NINE FEET BY SIX INCHES	\$164.94	\$1,649.40
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330240		
3	30.00	PKG	0030 - RIGHT TURN ARROW Swarco #3546 EIGHT FEET	\$191.42	\$5,742.60
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241R		
4	15.00	PKG	0040 - RIGHT/STRAIGHT ARROW Swarco #3554 TWELVE FEET BY NINE INCHES	\$172.99	\$2,594.85
			WHITE ONE PER PACK HOT TAPE PREMARK # 8330142R		
5	15.00	PKG	0050 - LEFT/STRAIGHT ARROW Swarco #3553 TWELVE FEET BY NINE INCHES	\$172.99	\$2,594.85
			STANDARD WHITE ONE PER PACK HOT TAPE PREMARK # 8330142L		
6	20.00	PKG	0060 - "ONLY" LEGEND Swarco #3639 EIGHT FEET	\$137.21	\$2,744.20
			WHITE ONE PER PACK HOT TAPE PREMARK # 8130102		
7	20.00	PKG	0070 - "RXR" KIT Swarco #3644 SIX FEET BY SIXTEEN INCHES BY	\$262.75	\$5,255.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	30.00	PKG	BY TWENTY FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130103A 0080 - "SCHOOL" LEGEND Swarco #3645 EIGHT FEET	\$213.59	\$6,407.70
9	15.00	PKG	WHITE ONE PER PACK HOT TAPE 0090 - "SCHOOL" LEGEND Swarco #3646 TEN FEET	\$275.17	\$4,127.55
10	10.00	PKG	WHITE ONE PER PACK HOT TAPE PREMARK # 8120100 0100 - HANDICAP KIT WHITE ON BLUE Swarco #3802 FORTY EIGHT INCHES BY FORTY EIGHT INCHES	\$196.31	\$1,963.10
11	20.00	PKG	TWO PER PACK 39 POUNDS PER PACK PREMARK HANDICAP MARKINGS WITH VIZIGRIP REMARKS NONE 0110 - BICYCLE SYMBOL Swarco #3791 PREMARK BIKE LANE MARKINGS WITH VIZIGRIP	\$489.44	\$9,788.80
12	20.00	PKG	SIX FEET BY THREE FEET FOUR INCHES ITEM NUMBER 89230576 HS FIVE PER PACK 35 POUNDS PER PACK FHWA STANDARD 0120 - SHARED LANE SYMBOL Swarco #3792 NINE FEET THREE INCHES BY	\$129.72	\$2,594.40
13	5.00	PKG	THREE FEET THREE INCHES ITEM NUMBER 892301464HS ONE PER PACK EIGHTEEN POUNDS PER PACK FHWA PROPOSED CALTRANS 0130 - LEFT SHARED BIKE LANE SYMBOL Swarco BOX PANEL #4096 LARGE-BIKE LANE GREEN VIZI GRIP BACKGROUND WHITE-VIZIGRIP SYMBOL MUTCD 2009 ITEM PM6902769LVG TWO PER PACK	\$489.52	\$2,447.60

DATE: 6/14/2017

INVITATION TO BID FROM JEFFERSON PARISH - continued

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BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	20.00	PKG	0140 - LIGHT GREEN LINE Swarco #4060 PM90LG Q15' VG24" PM SP SEALER REQUIRED/INCLUDED IN PRICE ITEM 89430566LGHS FIFTEEN FEET PER PACK	\$185.17	\$3,703.40
15	40.00	PKG	0150 - FOUR INCH SOLID WHITE Swarco #3490 FOUR INCHES BY THREE FEET 90/linear feet per/ SIXTY FEET PER PACK pack HOT TAPE PREMARK # 8432060	\$70.00	\$2,800.00
16	60.00	PKG	0160 - FOUR INCH SOLID YELLOW Swarco #3491 FOUR INCHES BY THREE FEET 90/linear feet per/ SIXTY FEET PER PACK pack HOT TAPE PREMARK # 8432060Y	\$72.00	\$4,320.00
17	70.00	PKG	0170 - EIGHT INCH SOLID WHITE Swarco #3494 EIGHT INCHES BY THREE FEET 45/linear feet per/ SIXTY FEET PER PACK pack HOT TAPE PREMARK # 8432062	\$140.00	\$9,800.00
18	95.00	PKG	0180 - TWELVE INCH SOLID WHITE Swarco #3496 TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064	\$102.00	\$9,690.00
19	60.00	PKG	0190 - TWELVE INCH SOLID YELLOW Swarco #3497 TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064Y	\$108.00	\$6,480.00
20	250.00	PKG	0200 - TWENTY FOUR INCH, SOLID WHITE Swarco LINES #3502 TWENTY FOUR INCHES BY THREE FEET FIFTEEN FEET PER PACK HOT TAPE PREMARK # 8430566	\$102.00	\$25,500.00
21	40.00	PKG	0210 - WHITE LINES 270 ES FOUR INCH WHITE	NO BID	NO BID

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			THIRTY YARDS PER PACK		
22	40.00	PKG	0220 - WHITE LINES 270 ES EIGHT INCH WHITE	NO BID	NO BID
			THIRTY YARDS PER PACK		
23	40.00	PKG	0230 - WHITE LINES 270 ES TWELVE INCH WHITE	NO BID	NO BID
			THIRTY YARDS PER PACK		
24	40.00	PKG	0240 - YELLOW LINES 271 ES FOUR INCH YELLOW	NO BID	NO BID
			THIRTY YARDS PER PACK		
25	40.00	PKG	0250 - YELLOW LINES 271 ES TWELVE INCH YELLOW	NO BID	NO BID
			THIRTY YARDS PER PACK		
26	20.00	EA	0260 - PREMARK SEALER Swarco #1048 FLINT ACCESSORIES	\$150.00	\$3,000.00
			FIVE GALLONS (EACH = 5 GALLON CONTAINERS) FIFTY POUNDS FOR CONCRETE APPLICATIONS		
27	30.00	BX	0270 - WHITE/RED RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	NO BID	NO BID
28	30.00	BX	0280 - YELLOW RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	NO BID	NO BID
29	500.00	EA	0290 - WHITE DELINEATOR POST DURA-POST	NO BID	NO BID
			PREMARK # 730102		
30	500.00	EA	0300 - YELLOW DELINEATOR POST DURA-POST	NO BID	NO BID
			PREMARK # 730102Y		
31	300.00	EA	0310 - BASE WITH LOCK PIN EIGHT INCHES	NO BID	NO BID
			FOR USE WITH DELINEATORS		

DATE: 6/14/2017

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	20.00	PK	PREMARK # 730160 0320 - BUNDY PLUS Swarco #4275 FIVE INCHES BY FIVE INCHES	\$82.03	\$1,640.60
33	20.00	PK	BLACK RPM ADHESIVE ONE HUNDRED AND FORTY PER PACK (140/PK) PREMARK # 8430055BK 0330 - SUPER BUNDY PLUS PAD Swarco #4012 EIGHT INCHES BY EIGHT INCHES 84 per/pack RPM ADHESIVE EIGHTY PER PACK PREMARK # 8434056	\$133.36	\$2,667.20
34	8.00	EA	0340 - EXTRA LONG PROPANE FIELD TORCH KIT	\$259.90	\$2,079.20

Swarco Industries LLC
Corporate Resolution

June 23, 2017

The undersigned being a Corporate Officer of Swarco Industries LLC, does hereby consent and approve of the following actions as follows:

RESOLVED, that Swarco Industries LLC (The Company) enter into a supply agreement / contract with the Jefferson Parish Purchasing Department on such terms and conditions as Jon Sproul, President of Swarco Industries LLC, deems appropriate and necessary.

FURTHER RESOLVED, that Jon Sproul, President of Swarco Industries LLC, is authorized to execute such agreements on the Company's behalf.

Dated this 23rd Day of June, 2017

Swarco Industries LLC



By Frances Stockbridge, Corporate Secretary

Sworn to before me this 23rd day of June, 2017



Notary Public

My Commission Expires: 02/19/2020



Swarco Industries LLC, Corporate Officers:

Jon Sproul, President, PO Box 89, Columbia, TN 38402 / 

Frances Stockbridge, Secretary, PO Box 89, Columbia, TN 38402 / 

(No Corporate Seal)

Non-Public Works Bid

AFFIDAVIT

STATE OF Tennessee

~~PARISH~~**/COUNTY OF** Maury

BEFORE ME, the undersigned authority, personally came and appeared: _____
Jon Sproul, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized President/GM of Swarco Industries LLC (Entity),
the party who submitted a bid in response to Bid Number 50-00119827, 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.




 Signature of Affiant

Jon Sproul, President/GM

 Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
 ON THE 23rd DAY OF June, 2017.





 Notary Public

Roseann Meredith

 Printed Name of Notary

N/A

 Notary/Bar Roll Number

My commission expires 02/19/2020.

Client#: 8868

SWARIND

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/23/2017

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 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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Crichton Group 3011 Armory Drive Suite 250 Nashville, TN 37204		CONTACT NAME: Susan Ott PHONE (A/C, No, Ext): 615 986-6250 FAX (A/C, No): 615 383-4628 E-MAIL ADDRESS: sott@thecrichtongroup.com	
INSURED SWARCO America Inc. P.O. Box 89 270 Rutherford Lane Columbia, TN 38401-0089		INSURER(S) AFFORDING COVERAGE	
		INSURER A: AXA Insurance Company NAIC # 33022	
		INSURER B: Travelers Casualty and Surety 19038	
		INSURER C: Travelers Indemnity Co of Am 25666	
		INSURER D:	
		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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			PCS00258417	01/01/2017	01/01/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
C	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BA0J460603	01/01/2017	01/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> N Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	UB0J471469	01/01/2017	01/01/2018	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

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

As respects General Liability:

Additional insured applies when required by written contract (see attached Additional Insured endorsements)

Coverage is Primary/Noncontributory when required by written contract (see attached)

Waiver of Subrogation applies when required by written contract (see attached)

(See Attached Descriptions)

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish
 Purchasing; 200 Derbigny Street
 General Government Bldg, STE
 4400
 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

Robert B. Jackson

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DESCRIPTIONS (Continued from Page 1)

As respect Auto Liability:

Additional Insured applies when required by written contract

Waiver of Subrogation applies when required by written contract
(see attached Business Auto Extension Endorsement)

As respects Workers Compensation:

Waiver of Subrogation applies when required by written contract

Subject to all of the terms, conditions, exclusions and definitions of the above referenced policies as issued by the carrier(s).

Bid No. 50-00119827, Thermoplastic Pavement Markings



SWARCO INDUSTRIES LLC

6/23/2017

Jefferson Parish
West Bank Purchasing Department
200 Derbigny Street
General Government Bldg., STE 4400
Gretna, LA 70053

RE: Bid No. 50-00119827, Thermoplastic Pavement Markings
Due: June 29, 2017 @ 2:00 pm

To Whom It May Concern:

Please send an itemized written bid tabulation, regardless of the outcome, for the above referenced bid. You may e-mail to me at roseann.meredith@swarco.com or fax to 931-388-4039. Enclosed is a self-addressed, stamped envelope for your convenience in replying. If there is a charge, please advise.

Thank You for your time and help.
We appreciate the opportunity to bid for Jefferson Parish.

Sincerely,

A handwritten signature in blue ink that reads "Roseann Meredith".

Roseann Meredith
Bid Administrator
Enclosure.



SWARCO INDUSTRIES, LLC



PREFORMED THERMOPLASTIC

DURABLE PAVEMENT MARKING LINES, LEGENDS AND SYMBOLS



SWARCO | First in Traffic Solutions.



SWARCO Preformed Thermoplastic markings are created using five decades of experience in manufacturing materials for the highway safety industry. Thermoplastic marking compounds have been used extensively in the road marking industry since the 1950's as a durable and economical pavement marking solution on the world's highways. Today, it remains the durable marking of choice due to long term performance, cost benefit and a wide range of applications.

SWARCO is not only a leading preformed thermoplastic manufacturer, we are the oldest U.S. operating thermoplastic producer. In our ISO 9001 certified manufacturing facilities, we combine our global experience and expertise in thermoplastics with our reflective glass bead technology to make a superior preformed thermoplastic product. For an easy to install, durable, customizable and dynamic pavement marking, SWARCO Preformed Thermoplastic is First in Traffic Solutions.



PREFORMED THERMOPLASTIC

DURABLE PAVEMENT MARKINGS

SWARCO Preformed Thermoplastic is a durable pavement marking system of thermoplastic lane lines, legends and symbols ready for easy installation out of the box without the use of specialized equipment. Preformed thermoplastic pavement marking materials combine the convenience of pre-cut markings with the performance qualities of hot applied thermoplastic.

Engineered for enhanced visibility both day and night, SWARCO's brilliant glass beads are distributed throughout the material during the manufacturing process. Factory applied drop-on beads, as well as 30% intermix beads, ensure exceptional retroreflectivity during the life of the preformed thermoplastic marking.



FEATURES

- Available in .90 and .125 mil thickness
- Ready to install out of the box
- Standard colors include white, yellow, blue, black, red, green, purple & orange
- Custom color matching available
- Durable long term performance provides an economical investment
- Lasts 8 to 10 times longer than standard traffic paint
- Intermix beads provide retroreflectivity throughout life of the marking
- Quickly and easily installed, no specialized equipment required
- Legends and Symbols come pre-cut to MUTCD standards
- Environmentally friendly with zero VOCs and heavy metal free pigments
- Can be installed at lower temperatures, extending pavement marking season
- Initial skid resistance values available from standard 45 BPN to 70 BPN, upon request

PREFORMED THERMOPLASTIC



LINES-FLATS & ROLLS

SWARCO's Preformed Thermoplastic Lines are available in 3 linear feet flat pieces or 30 linear feet roll goods and vary in width sizes between 2" and 24". Both flats and rolls are most often used for edgeline, centerline, skipline and crosswalk applications. Available in .90 and .125 mil thickness. Ready to use out of the box.



HIGHWAY LEGENDS, WORDS & SYMBOLS

SWARCO offers a comprehensive selection of preformed legends, words, letters, numbers and symbols that meet the Manual of Uniform Traffic Control Devices (MUTCD) specifications. Used on the roadways, they give the driver a written message of upcoming hazards or directional lanes.



BIKE & PEDESTRIAN SYMBOLS

In recent years, an increased demand for more environmentally-friendly modes of transportation has, in turn, created the need for making roadways safer for both cyclists and motorists alike. The use of SWARCO's high visibility legends and symbols along designated areas structure traffic flow and encourage safer travel.



CONTRAST MARKINGS

A dynamic way to enhance contrast and improve visibility both day and night, SWARCO's Preformed Thermoplastic Contrast Markings are perfect for light colored asphalt and concrete substrates. Available for lines, legends and symbols in both border and block contrast.



HANDICAP SYMBOLS

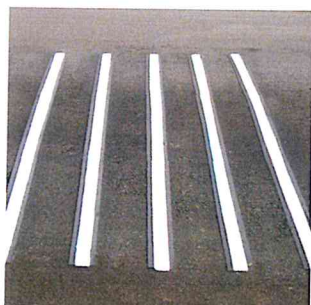
SWARCO's Preformed Thermoplastic Handicap Symbols are durable and long lasting. These reflective markings give motorists the ability to easily recognize the designated parking area at night. SWARCO's stock handicap symbols are based upon ADA & MUTCD specifications.

** Available with enhanced skid-resistance. Note: added skid-resistance reduces retroreflectivity.*



INTERSTATE SHIELDS

The growing use of horizontal surface signs in addition to the typical shoulder-mounted or overhead traffic sign has helped improve traffic flow and motorist safety. They provide a clear message directing drivers to the proper lane before reaching an exit or intersection.



RUMBLE STRIPS

SWARCO'S Preformed Thermoplastic Rumble Strips provide an audio, visual and vibratory solution for effectively influencing driver behavior. They generate a distinct level of audible transmission, a controlled level of sensory vibration, and a visual cue to the driver of an upcoming roadway hazard. Available in reflective and non-reflective offerings.



MANHOLE PROTECTION RINGS

SWARCO's Manhole Protection Rings solve problems caused by road construction, resurfacing and sewer maintenance by eliminating the gap between the manhole cover and the road surface. With their slight incline, they provide motorists with a smoother commute.



CUSTOM DESIGNS

SWARCO's ability to produce your custom design, company logo or unique symbol make it easy to get your message across. Custom preformed thermoplastic markings are perfect for promoting your business and creating a lasting impression.

** Available with enhanced skid-resistance. Note: added skid-resistance reduces retroreflectivity.*



EASE OF INSTALLATION

SWARCO's Preformed Thermoplastic gives consumers the durable quality of thermoplastic pavement markings without requiring expensive equipment for installation. Our preformed thermoplastic markings are pre-cut into lines, rolls, legends and symbols and can be applied quickly and easily with a propane torch.



QUALITY

As an ISO 9001 Certified Company, SWARCO has invested the resources to assure the highest level of quality in all our products. Our Quality Management System starts with a quality assurance testing program on all incoming raw materials and continues through the entire production process. Our quality control systems and state of the art computerized batch control manufacturing facility delivers a consistent product every time. Once our products leave the facility our commitment to quality continues in the field where we provide expert technical field support to assist our customers with their daily challenges. From raw material to the road, SWARCO is First In Traffic Solutions.



Skid-Resistance Tester



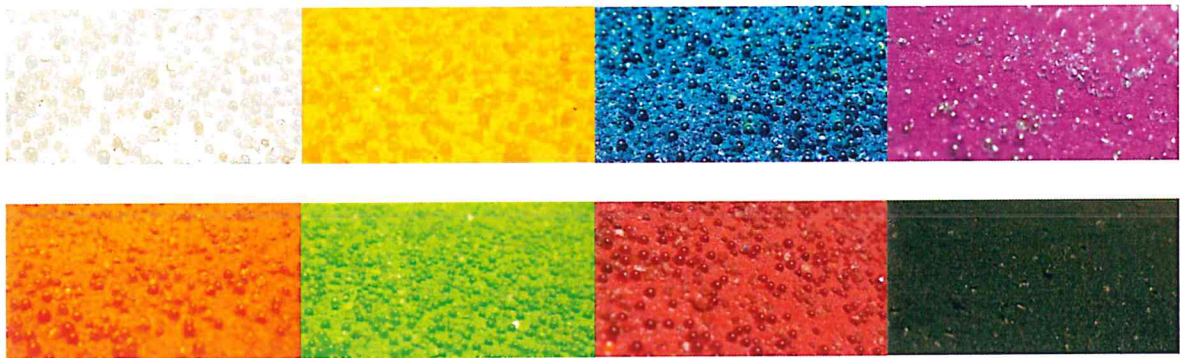
Bond Tester



Q-U-V Accelerated Weather Tester



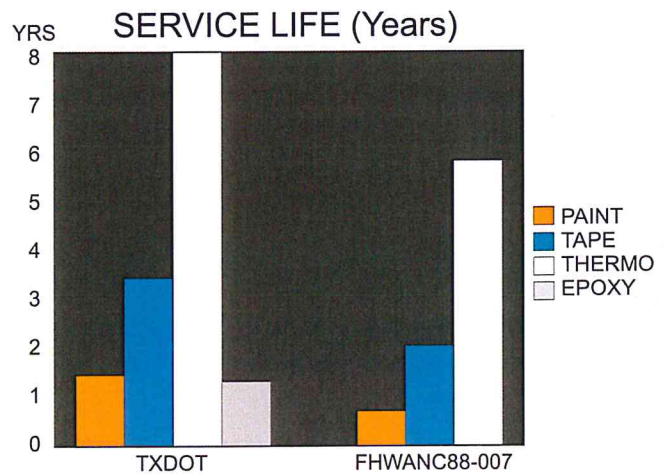
STANDARD STOCK COLORS



Custom colors available upon request.

PERFORMANCE

Research has shown that properly applied thermoplastic products outlast all other marking systems by up to 8-10 times longer. Averaging up to 8 years of service when installed properly, preformed thermoplastic products offer a diversity that other traffic markings cannot match. From standard lines, legends, arrows, handicap mats and interstate shields to bike lanes and custom logos, SWARCO's Preformed Thermoplastic is the clear choice when it comes to durability and cost effectiveness.



FHWA/NC/88-007: Plastic Pavement Marking Materials
FHWA Project PMS000S (172): Evaluation of Various Pavement Marking Materials

All statements, technical information and recommendations contained herein are based on tests believed to be reliable. The accuracy or completeness thereof is not guaranteed and the user shall determine the suitability of the product for the intended use and assumes all risk and liability whatsoever in connection therewith.

The quality of SWARCO continues with an extensive line of road marking products:

Glass Beads

- Reflex Standard Glass Beads
- MEGALUX-BEADS® Large Glass Beads
- PLUS9BEADS® High Index Glass Beads
- DURALUX® High Performance Glass Beads

Thermoplastic Pavement Marking Compounds

- Hydrocarbon
- Alkyd

Pavement Marking Tapes

- Director 60 Permanent Pavement Marking Tape
- Director 35 Intersection Grade Permanent Pavement Marking Tape
- Director 2 Temporary Removable Pavement Marking Tape
- Visa-Line Engineer / Construction Grade Temporary Pavement Marking Tape

Pavement Marking Paints

- Waterborne Pavement Marking Paint
- Solventborne Pavement Marking Paint
- Epoxy
- MMA

WARRANTY: The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising from the use, or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability, whatsoever, in connection therewith. The foregoing may not be changed except by written agreement signed by an officer of the manufacturer.



SWARCO INDUSTRIES, LLC

P.O. Box 89
Columbia, TN 38402
T. +1-800-216-8781
F. +1-931-388-4039
E. office.industries@swarco.com
www.swarco.com/americas

Your local contact:



DATE: 6/14/2017
BID NO.: 50-00119827

Page: 5

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ☒

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

10-15 days ARO

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

n/a

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Flint Trading, Inc.

ADDRESS: 115 Todd Court

CITY, STATE: Thomasville, NC ZIP: 27360

TELEPHONE: (336) 308-3769 FAX: (336) 475-7900

EMAIL ADDRESS: contracts@ennisflint.com

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: 1

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 106,133.49

AUTHORIZED SIGNATURE: Zina Brooks

Zina Brooks

Printed Name

TITLE: Vice President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION		
1	30.00	PKG	0010 - LEFT TURN ARROW EIGHT FEET	\$165.77	\$4,973.10
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241L		
2	10.00	PKG	0020 - STRAIGHT ARROW NINE FEET BY SIX INCHES	\$142.96	\$1,429.60
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330240		
3	30.00	PKG	0030 - RIGHT TURN ARROW EIGHT FEET	\$165.77	\$4,973.10
			STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241R		
4	15.00	PKG	0040 - RIGHT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES	\$149.92	\$2,248.80
			WHITE ONE PER PACK HOT TAPE PREMARK # 8330142R		
5	15.00	PKG	0050 - LEFT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES	\$149.92	\$2,248.80
			STANDARD WHITE ONE PER PACK HOT TAPE PREMARK # 8330142L		
6	20.00	PKG	0060 - "ONLY" LEGEND EIGHT FEET	\$118.67	\$2,373.40
			WHITE ONE PER PACK HOT TAPE PREMARK # 8130102		
7	20.00	PKG	0070 - "RXR" KIT SIX FEET BY SIXTEEN INCHES BY	\$227.19	\$4,543.80

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	30.00	PKG	BY TWENTY FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130103A 0080 - "SCHOOL" LEGEND EIGHT FEET	\$174.57	\$5,237.10
9	15.00	PKG	WHITE ONE PER PACK HOT TAPE 0090 - "SCHOOL" LEGEND TEN FEET	\$237.93	\$3,568.95
10	10.00	PKG	WHITE ONE PER PACK HOT TAPE PREMARK # 8120100 0100 - HANDICAP KIT WHITE ON BLUE FORTY EIGHT INCHES BY FORTY EIGHT INCHES	\$157.33	\$1,573.30
11	20.00	PKG	TWO PER PACK 39 POUNDS PER PACK PREMARK HANDICAP MARKINGS WITH VIZIGRIP REMARKS NONE 0110 - BICYCLE SYMBOL PREMARK BIKE LANE MARKINGS WITH VIZIGRIP	\$391.30	\$7,826.00
12	20.00	PKG	SIX FEET BY THREE FEET FOUR INCHES ITEM NUMBER 89230576 HS FIVE PER PACK 35 POUNDS PER PACK FHWA STANDARD 0120 - SHARED LANE SYMBOL NINE FEET THREE INCHES BY	\$184.90	\$3,698.00
13	5.00	PKG	THREE FEET THREE INCHES ITEM NUMBER 892301464HS ONE PER PACK EIGHTEEN POUNDS PER PACK FHWA PROPOSED CALTRANS 0130 - LEFT SHARED BIKE LANE SYMBOL BOX PANEL	\$174.44	\$872.20
			LARGE-BIKE LANE GREEN VIZI GRIP BACKGROUND WHITE-VIZIGRIP SYMBOL MUTCD 2009 ITEM PM6902769LVG TWO PER PACK		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	20.00	PKG	0140 - LIGHT GREEN LINE PM90LG Q15' VG24" PM SP SEALER REQUIRED/INCLUDED IN PRICE ITEM 89430566LGHS FIFTEEN FEET PER PACK	\$94.29	\$1,885.80
15	40.00	PKG	0150 - FOUR INCH SOLID WHITE FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060	\$53.30	\$2,132.00
16	60.00	PKG	0160 - FOUR INCH SOLID YELLOW FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060Y	\$56.17	\$3,370.20
17	70.00	PKG	0170 - EIGHT INCH SOLID WHITE EIGHT INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432062	\$106.23	\$7,436.10
18	95.00	PKG	0180 - TWELVE INCH SOLID WHITE TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064	\$79.20	\$7,524.00
19	60.00	PKG	0190 - TWELVE INCH SOLID YELLOW TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064Y	\$83.24	\$4,994.40
20	250.00	PKG	0200 - TWENTY FOUR INCH, SOLID WHITE LINES TWENTY FOUR INCHES BY THREE FEET FIFTEEN FEET PER PACK HOT TAPE PREMARK # 8430566	\$79.20	\$19,800.00
21	40.00	PKG	0210 - WHITE LINES 270 ES FOUR INCH WHITE	no bid	

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
22	40.00	PKG	THIRTY YARDS PER PACK		
			0220 - WHITE LINES 270 ES EIGHT INCH WHITE	no bid	
23	40.00	PKG	THIRTY YARDS PER PACK		
			0230 - WHITE LINES 270 ES TWELVE INCH WHITE	no bid	
24	40.00	PKG	THIRTY YARDS PER PACK		
			0240 - YELLOW LINES 271 ES FOUR INCH YELLOW	no bid	
25	40.00	PKG	THIRTY YARDS PER PACK		
			0250 - YELLOW LINES 271 ES TWELVE INCH YELLOW	no bid	
26	20.00	EA	THIRTY YARDS PER PACK		
			0260 - PREMARK SEALER FLINT ACCESSORIES	\$173.06	\$3,461.20
27	30.00	BX	FIVE GALLONS (EACH = 5 GALLON CONTAINERS) FIFTY POUNDS FOR CONCRETE APPLICATIONS		
			0270 - WHITE/RED RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	no bid	
28	30.00	BX			
			0280 - YELLOW RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	no bid	
29	500.00	EA			
			0290 - WHITE DELINEATOR POST DURA-POST	no bid	
30	500.00	EA	PREMARK # 730102		
			0300 - YELLOW DELINEATOR POST DURA-POST	no bid	
31	300.00	EA	PREMARK # 730102Y		
			0310 - BASE WITH LOCK PIN EIGHT INCHES	no bid	
			FOR USE WITH DELINEATORS		

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	20.00	PK	PREMARK # 730160		
			0320 - BUNDY PLUS FIVE INCHES BY FIVE INCHES	\$63.94	\$1,278.80
33	20.00	PK	BLACK RPM ADHESIVE ONE HUNDRED AND FORTY PER PACK (140/PK) PREMARK # 8430055BK		
			0330 - SUPER BUNDY PLUS PAD EIGHT INCHES BY EIGHT INCHES	\$96.49	\$1,929.80
34	8.00	EA	RPM ADHESIVE EIGHTY PER PACK PREMARK # 8434056		
			0340 - EXTRA LONG PROPANE FIELD TORCH KIT	\$844.38	\$6,755.04

SEE ATTACHED

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

SECRETARY-TREASURER

DATE

FLINT TRADING, INC.
CONSENT IN LIEU OF A SPECIAL
MEETING OF THE BOARD OF DIRECTORS

July 1, 2016

The undersigned, being the sole member of the board of directors of Flint Trading, Inc., a North Carolina corporation (the "Corporation"), in lieu of holding a special meeting of the board of directors of the Corporation (the "Board"), hereby takes the following actions and adopts the following resolutions by written consent pursuant to the bylaws of the Corporation (the "Bylaws") and Section 55-8-21 of the Business Corporation Act of the State of North Carolina:

EXECUTION AUTHORITY

RESOLVED, that Zina Brooks, Vice President of Marketing and Contract Administration (such person, an "Authorized Officer") be, and hereby is, authorized and empowered to execute and deliver contracts and other documents in the name and on behalf of the Corporation, and to affix the corporate seal if applicable.

GENERAL RATIFICATION

RESOLVED, that any acts of the Authorized Officer, which acts would have been authorized by the foregoing resolutions except that such acts were taken prior to the adoption of such resolutions, are hereby severally ratified, confirmed, approved and adopted as acts in the name and on behalf the Corporation.

MISCELLANEOUS

RESOLVED, that in order to fully carry out the intent and effectuate the purposes of the foregoing resolutions, the Authorized Officer is authorized to take all such further action, and to execute and deliver all such further instruments and documents, in the name and on behalf of the Corporation.

FURTHER RESOLVED, that this consent may be executed in any number of counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute but one and the same consent.

FURTHER RESOLVED, that photostatic or portable document format (PDF) copies of signatures to this consent shall be deemed to be originals and may be relied on to the same extent as originals.

FURTHER RESOLVED, that the actions taken by this written consent shall have the same force and effect as if taken at a special meeting of the Board duly called and constituted pursuant to the Corporation's Bylaws and the laws of the State of Texas.

IN WITNESS WHEREOF, the undersigned has executed this consent as of the date first written above.

R. Steven Vetter

R. Steven Vetter

Non-Public Works Bid

AFFIDAVIT

STATE OF NC

PARISH/COUNTY OF Davidson

BEFORE ME, the undersigned authority, personally came and appeared: Zina
Brooks, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Vice President of Flint Trading, Inc. (Entity),
the party who submitted a bid in response to Bid Number 50-00119827, 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 ✓ 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 ✓ 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.

Zina Brooks

Signature of Affiant

Zina Brooks

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 21st DAY OF June, 2017.

Crystal S. Gentry
Notary Public

Crystal Gentry

Printed Name of Notary

Notary/Bar Roll Number

My commission expires 4/22/20.





CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/21/2017

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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Charlotte NC Office 1111 Metropolitan Avenue, Suite 400 Charlotte NC 28204 USA	CONTACT NAME:	
	PHONE (A/C. No. Ext): (866) 283-7122	FAX (A/C. No.): (800) 363-0105
INSURED Ennis Paint, Inc. Flint Trading, Inc. dba Ennis-Flint PO Box 160 Thomasville NC 27361 USA	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A: Great American Insurance Company of NY	22136
	INSURER B: Nautilus Insurance Company	17370
	INSURER C: Great Divide Insurance Co	25224
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES**CERTIFICATE NUMBER:** 570067089806**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.

Limits shown as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLP201309812	11/01/2016	11/01/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
C	AUTOMOBILE LIABILITY			BAP2013086-12 (AOS)	11/01/2016	11/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000
B	<input checked="" type="checkbox"/> ANY AUTO			BAP2013087-12 (AZ)	11/01/2016	11/01/2017	BODILY INJURY (Per person)
C	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Comp Ded \$1,000	<input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Coll Ded \$1,000		MAA2013350-12 (MA)	11/01/2016	11/01/2017	BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION						EACH OCCURRENCE AGGREGATE
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC407446401	11/01/2016	11/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000

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

RE: Bid No.: 50-00119827

Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council are included as Additional Insured in accordance with the policy provisions of the General Liability and Automobile Liability policies.

CERTIFICATE HOLDER**CANCELLATION**

Jefferson Parish Purchasing Dept. P.O. Box 9 Gretna LA 70054-0009 USA	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 <i>Aon Risk Services South, Inc.</i>

Holder Identifier :

Certificate No : 570067089806



115 Todd Court
Thomasville, NC 27360
Phone: (336) 475-6600
Fax: (336) 475-7900
flint@flintrading.com
www.flintrading.com

Warranty Statement

Flint Trading, Inc. warrants preformed thermoplastic pavement marking products, unless otherwise specified, to the original buyer against material defects for a period of one year from the date of delivery of the goods. The foregoing warranty is the only warranty whatsoever, expressed or implied, relating to the products. In no event will Seller be liable for any claims related to the products if the products have been misused, altered, or incorporated into any other product. Such misuse, alteration, or incorporation shall be deemed to be a waiver of all claims by Buyer. Seller disclaims all other express or implied warranties, including, but not limited to, the warranties of merchantability and fitness for a particular use. Seller shall be given, and any claim shall be subject to Seller being provided, a reasonable opportunity to investigate the products subject to any claim. Buyer shall not make any representation or warranty with respect to the products to any person or entity without the prior written consent of Seller.



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26494

Form W-9 (Rev. October 2007) Department of the Treasury Internal Revenue Service		Request for Taxpayer Identification Number and Certification		Give form to the requester. Do not send to the IRS.
Name (as shown on your income tax return) FLINT TRADING, INC.				
Business name, if different from above				
Check appropriate box: <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ <input type="checkbox"/> Exempt payee				
<input type="checkbox"/> Other (see instructions) ▶				
Address (number, street, and apt. or suite no.) 115 TODD COURT City, state, and ZIP code THOMASVILLE, NC 27360			Requester's name and address (optional) JEFFERSON PARISH PO BOX 9 GRETN, LA 70054	
List account number(s) here (optional)				

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number	
or	
Employer identification number	
56	1736552

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ *Pat Shelton* **Pat Shelton**

Date ▶ 10/25/10

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person: For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien.
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States.
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity.

STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

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 advertised 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

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

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



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

June 23, 2017

ADDENDUM # 1

Bid No.: 50-00119827

Bid Opening Date: June 29, 2017, 2:00 PM

For: Two (2) Year Contract for a Supply of Thermoplastic Pavement Markings for the Jefferson Parish Traffic Engineering Division

➤ CLARIFICATION OF SPECIFICATIONS FOR ITEMS 0210 - 0250

Change the series for items 0210 – 0250:

Items 0210 – 0250 should be NON-LINERED

ITEM #	CURRENT SERIES	CHANGE SERIES TO
0210	270ES	A270ES
0220	270ES	A270ES
0230	270ES	A270ES
0240	271ES	A271ES
0250	271ES	A271ES

Sincerely,

Melissa Ovalle

Melissa Ovalle, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.



Bid Number 50 - 00119827

**TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC
PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC
ENGINEERING DIVISION**

BID DUE: June 29, 2017, 2:00 PM

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: Melissa Ovalle
Buyer Email: movalle@jeffparish.net
Buyer Phone: (504) 364-2687**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

**JEFFERSON PARISH DEPARTMENT OF ENGINEERING
TRAFFIC ENGINEERING DIVISION
SPECIFICATION TE-STMAT-2017
SPECIFICATION FOR THERMOPLASTIC PAVEMENT MARKINGS
MATERIAL ONLY**

GENERAL NOTES: The following specifications describe are for a two-year contract to provide retroreflective pavement marking (MATERIAL ONLY). The material shall include but not be limited to: Raised Pavement Markers, Pavement Marking, and Preformed Letters, Legends, and Symbols. All material and legends shall conform to these specifications and to those listed in the Manual of Uniform Traffic Control Devices, 2009 Edition.

Upon request bidders must submit references prior to award. References shall include contact information for municipalities where material has been used successfully on roadways in similar environmental conditions.

HOT APPLIED THERMOPLASTIC PAVEMENT MARKING

DESCRIPTION: This specification describes a reflectorized thermoplastic pavement striping material that is applied using the propane torch method recommended by the manufacturer, to the road surface in a molten state by mechanical means. The material must be able to be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. Upon cooling to normal pavement temperatures the resulting traffic marking shall produce a stripe of specified thickness and width that is retroreflective in dry and wet conditions and capable of resisting deformation by traffic.

- a) The markings must be a resilient white or yellow thermoplastic product with uniformly distributed glass beads throughout the entire cross sectional area. The markings must be resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids etc. Lines, legends, and symbols are capable of being affixed to bituminous and/or Portland cement concrete pavements by the use of the normal heat of a propane torch. Other colors shall be available as required.
- b) The markings must be capable of conforming to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the torch.
- c) The markings must be able to be applied in temperatures down to 32 degrees F. without any special storage, preheating, or treatment of the material before application.
- d) Sealer shall be required for all markings on portland cement concrete and other non-bituminous surfaces where the marking is at street level and would be subjected to vehicular traffic. The sealer shall be supplied in 5 gallon pails. Expiration date for the sealer shall be clearly stamped on the container label.

MATERIALS: The thermoplastic material shall be homogeneously composed of pigment, binder, and glass beads. ***PREHEATED MATERIAL WILL NOT BE ACCEPTED.*** All material shall conform to the Manual of Uniform Traffic Control Devices, 2009 Edition.

The material shall be comprised of maleic modified rosin ester resin and high boiling plasticizer resistant to degradation by motor fuels, lubricants, etc. in conjunction with aggregates, pigments, binders, and glass beads which have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices. The binder shall be a minimum of 50% maleic modified rosin ester.

The thermoplastic material shall conform to AASHTO designation M249-79 (86), with the exception of the relevant differences due to the material being supplied in a preformed state.

The thermoplastic material shall be free of skins, dirt and foreign debris.

The reflective media shall be made up by the internal and external application of glass beads and shall conform to the following requirements:

Glass Beads- The material must contain a minimum of thirty percent (30%) graded glass beads by weight and shall in the "received state" have surface beads firmly affixed. The beads shall be clear and transparent. Not more than twenty percent (20%) of the beads shall consist of irregular fused spheroids, or silica. The index of refraction shall not be less than 1.50.

The thermoplastic materials shall have the following characteristics:

- Shall not deteriorate upon contact with pavement materials, petroleum droppings from traffic and chemicals, such as sodium chloride or calcium chloride, used to prevent formation of ice on roadways or streets.
- Shall not scorch, discolor, or deteriorate if kept at the manufacturer's recommended application temperature, or deteriorate if kept at the manufacturers recommended application temperature, or at least 400° F (204.4° C) for 4 hours.
- Has a temperature versus viscosity characteristic that remains constant from batch to batch through 3-4 re-heat cycles.
- The thermoplastic material in the plastic state shall not exude fumes that are toxic, or cause injury to persons or property.

The Thermoplastic materials shall have the following composition:

- The pigment, beads and filler shall be uniformly dispersed in the resin. The thermoplastic shall be free of skins, dirt, and foreign objects and shall comply with requirements according to Table 3.

Table 3 - COMPOSITION

All Weather Thermoplastic		
Component	Weight Percent	
	White	Yellow
Binder	18% minimum	18% minimum
Type I Glass Spheres (AASHTO M247, Type I)	30% - 40%	30% - 40%
TiO₂, Type II Rutile	10% minimum	As needed
Pigment Yellow 83	None	See Note 1
Calcium Carbonate and Inert Filler (200 mesh sieve)	42% Maximum	See Note 1

Note 1- The amount of yellow pigment, calcium carbonate and inert fillers shall be at the option of the manufacturer, providing all other requirements of this specification are met.

- The thermoplastic material shall be produced without the use of lead chromate or arsenic.
- The thermoplastic shall contain clear glass beads as described above.
- The thermoplastic shall be formulated and manufactured from first-grade materials and specifically compounded for traffic markings.
- The thermoplastic shall resist smearing or spreading under normal traffic conditions below 120° F (49° C).
- The finished line shall maintain its original dimensions and placement.
- The finished line shall be free from tack below 120° F (49° C) and is not slippery when wet.
- The thermoplastic line shall be homogenous with even distribution of pigments, and beads throughout the plastic matrix.
- The physical properties of the thermoplastic line shall be uniform throughout the plastic matrix.
- The thermoplastic line shall resist lifting from the pavement in freezing weather and possess cold ductility properties that permit reasonable movement resulting from thermal expansion and contraction with the road surface to minimize chipping or cracking.

The Thermoplastic materials shall have the following physical characteristics:

Storage Life – The thermoplastic material shall meet the requirements of this specification and melt uniformly with no evidence of skins or un-melted particles for a period of one year.

Yellowness Index – Test according to recommendations in ASTM D 4960 and make yellowness index measurements according to ASTM E 1349 using a 2 degree observer and D 65 illuminant. The yellowness index for the white thermoplastic shall not exceed 15.

Cracking Resistance at Low Temperature - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and then applying to concrete blocks, and cooling to 15° +/-3.6° F (-9.4° +/-2.0° C) the material shall show no cracks. Ref: (AASHTO T-250-04 section 12).

Impact Resistance - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and making test specimens and testing per ASTM 256, Method A (un-notched), the impact resistance shall be a minimum of 8.8 inch-lbs. (1.0 J) Ref: (AASHTO T-250-04 section 14).

Softening Point - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing in accordance with ASTM D 36 the materials shall have a softening point of 215° +/-15° F (102.5° +/-5° C).

Flowability - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing for flowability, the white thermoplastic shall have a maximum percent residue of 18 and the yellow thermoplastic shall have a maximum percent residue of 21. Ref: (AASHTO T-250-04 section 11).

Flowability with Extended Heating - After heating the thermoplastic for 8.0 +/- 0.5 hrs. at 425° +/-3° F (218° +/- 2° C), with stirring the last 6 hrs., and testing for flowability, the thermoplastic shall have a maximum percent residue of 28. Ref: (AASHTO T-250-04 section 17).

Flash Point – When tested in accordance with ASTM D 92 the thermoplastic will have a flash point not less than 475° F (248° C).

Indentation Resistance – Test according to ASTM D 2240 Shore Durometer, A2. Durometer and panel at 110° F (43.3° C) with a 4.4 lb load applied. Measurement is taken after 15 seconds. The thermoplastic should have a minimum value of 40 and a maximum value of 75. **Note:** Extra care should be taken to ensure the intermix is thoroughly mixed and uniform in the test samples. A non-uniform sample will result in erratic measurement values.

- **Note:** During measurement of thermoplastic containing large glass beads the durometer probe may impact a large bead during the test resulting in a much higher than expected result. If the value is unreasonably high, it may be necessary to retest in another location on the sample.

Specific Gravity – Test according to ASTM D 153. The thermoplastic should have a minimum no less than 1.9 maximum of no more than 2.3.

Water Absorption - Test according to ASTM D 570. The thermoplastic sample should have a maximum of 0.5% water absorption.

Ultra Violet Light and Condensate Exposure – Make samples and test according to ASTM G 154. After 300 hrs. exposure the thermoplastic samples shall meet the requirements below.

Color – Make and test thermoplastic samples according to ASTM D 4960. Make color measurements according to ASTM D 6628-03 using a 2 degree observer and D 65 illuminant. The thermoplastic material, after heating for 240 +/-5 minutes at 425° +/- 3° F (218° +/- 2° C) and then cooled to 77° +/-3° F (25° +/- 2° C) shall meet the following criteria:

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 75% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.355, 0.355)$
 $(x_2, y_2) = (0.305, 0.305)$
 $(x_3, y_3) = (0.285, 0.325)$
 $(x_4, y_4) = (0.335, 0.375)$
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 45% minimum.
- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.560, 0.440)$
 $(x_2, y_2) = (0.490, 0.510)$
 $(x_3, y_3) = (0.420, 0.440)$
 $(x_4, y_4) = (0.460, 0.400)$

Retroreflectance – Typical initial retroreflectance are shown in the Table 4 below. Typical retroreflectivity averaged over many readings [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)]

Table 4

Typical Initial Retroreflectivity* Average values over many applications (mcd (ft-2) (fc-1) ; {metric equivalent mcd (m-2) (lux-1)})		
	White	Yellow
Dry (ASTM E1710)	900	700
Wet recovery (ASTM E2177)	345	280
Wet Continuous (ASTM E2176)	125	90

*Note : Typical Retroreflectivity results represent average performance for smooth pavement surfaces. Results may vary due to differences in pavement type and surface roughness. Increased element drop rate may be necessary to compensate for increased surface area characteristics of rough pavement surfaces.

Some reasonable variance should be expected (for example, application on very rough road surfaces or differences in glass beads).

The initial retroreflectance of a single installation shall be the average value determined to the measurement and sampling procedures outlined in ASTM D 6359, using a 30-meter (98.4 feet) retroflectometer. R_L shall be expressed in units of millicandelas per square foot per foot-candle [$\text{mcd}(\text{ft}^{-2})(\text{fc}^{-1})$] metric equivalent [$\text{mcd}(\text{m}^{-2})(\text{lux}^{-1})$].

Initial performance of pavement marking shall be measured no sooner than 4 - 7 days after application.

Wet retroreflectance values measured under a "condition of continuous wetting" (simulated rain) shall be in accordance with ASTM E2176, and to reduce variability between measurements, the test method shall be performed in a controlled laboratory environment while the marking is positioned with a 3 to 5 degree lateral slope. Measurements shall be reported as the average of the minimum of three locations. Samples of the completed finished product shall be applied to flat panels during application and brought back to the lab for testing.

On The Road Track-Free Time – When applied at a temperature range of $412.5^{\circ} \pm 12.5^{\circ} \text{ F}$ ($211^{\circ} \pm 7^{\circ} \text{ C}$) and a thickness of 60 mils to 185 mils (1.5mm-4.7mm) the material shall set to bear traffic in not more than 2 minutes when the air and road temperature is $50^{\circ} \pm 3^{\circ} \text{ F}$ ($10^{\circ} \pm 2^{\circ} \text{ C}$) and not more than ten minutes when the air and road temperature is $90^{\circ} \pm 3^{\circ} \text{ F}$ ($32^{\circ} \pm 2^{\circ} \text{ C}$).

- **Track Free** - shall be considered as the condition where no visual deposition of the traffic marking to the pavement surface is observed when viewed from a distance of 50 feet, after a free-rolling traveling vehicle's tires have passed over the line.

Color After Application – The color of the applied white and yellow stripes and markings (with beads) shall conform to the daytime and nighttime color requirements in ASTM Designation: D 6628-03.

- **White Reflectance:** Daylight reflectance (Cap Y) measured at $45/0$ degrees is 35% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.355, 0.355)
 - (x2,y2) = (0.305, 0.305)
 - (x3,y3) = (0.285, 0.325)
 - (x4,y4) = (0.335, 0.375)
- **Yellow Reflectance:** Daylight reflectance (Cap Y) measured at $45/0$ degrees is 25% minimum.

- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.560, 0.440)
 - (x2,y2) = (0.490, 0.510)
 - (x3,y3) = (0.420, 0.440)
 - (x4,y4) = (0.460, 0.400)

PACKAGING: The preformed thermoplastic markings shall be placed in protective plastic film with cardboard stiffeners where necessary to prevent damage in transit. Linear material must be cut to a maximum of 3' long pieces. Legends and symbols must also be supplied in flat pieces. The cartons in which packed shall be non-returnable and shall not exceed 40" in length and 25" in width, and be labeled for ease of identification. The weight of the individual carton must not exceed seventy (70) pounds. A protective film around the box must be applied in order to protect the material from rain or premature aging.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid From.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0010	Left Arrow Pavement Marking	Package
0020	Straight Arrow Pavement Marking	Package
0030	Right Arrow Pavement Marking	Package
0040	Right/Straight Arrow Pavement Marking	Package
0050	Left/Straight Arrow Pavement Marking	Package
0060	"ONLY" Legend Pavement Marking	Package
0070	"R X R" Kit Pavement Marking	Package
0080	Eight Foot "SCHOOL" Legend Pavement Marking	Package
0090	Ten Foot "SCHOOL" Legend Pavement Marking	Package
0100	Handicap Kit, White on Blue	Package
0110	Bicycle Symbol	Package
0120	Shared Lane Symbol	Package
0130	Left Shared Bike Lane Symbol	Package
0140	Light Green Line	Package
0150	Four Inch Solid White Pavement Marking	Package
0160	Four Inch Solid Yellow Pavement Marking	Package
0170	Eight Inch Solid White Pavement Marking	Package
0180	Twelve Inch Solid White Pavement Marking	Package
0190	Twelve Inch Solid Yellow Pavement Marking	Package
0200	Twenty Four Inch Solid White Pavement Marking	Package

Pavement Marking Tape - Patterned Pavement Marking Tape for Intersections

Description: This specification describes Pavement Marking Tape Series 270 ES retroreflective patterned polymer pavement marking that can be used as an inlay marking on new asphalt or as an overlay marking on asphalt and concrete pavement surfaces in good condition. Series 270 ES tape shall offer "Extended Season" applications with pressure sensitive adhesive (PSA) package on the bottom surface. Series 270 ES shall not require surface preparation adhesive prior to application.

Materials:

Series A270 ES: Unlined. Used for long lines, edge lines, channelizing lines, gore markings, stop bars and crosswalks.

Series L270 ES: Lined. Used to cut symbols and legends.

Series SMS-L270 ES: Lined. Precut symbols and legends.

Properties:

A. Product Features:

- Durable, conformable to pavement and retroreflective
- Embedded net provides increased tear resistance
- Pressure sensitive adhesive (PSA) on bottom surface
- No surface preparation adhesive required when applied within standard tape application season
- Retroreflective layer of glass beads bonded in a highly durable polyurethane topcoat
- Manufactured without the use of heavy metals, lead chromate pigments or other similar, lead containing chemicals
- Nominal thickness of 0.065 in. (1.6 mm) at pattern heights
- White: 270 ES
- Yellow: 271 ES

B. Reflectance

Series 270 ES tape shall have the following initial minimum retroreflectance values when measured in accordance with ASTM-D4061 and ASTM 4505. The photometric quality to be measured is coefficient of retroreflected luminance (RL) and shall be expressed as:

English RL: millicandelas per square foot per footcandle [(mcd • ft-2) • fc-1] or equivalently as:

Metric RL: millicandelas per square meter per lux [(mcd • m-2) • lx-1]

	White	Yellow
Entrance Angle	88.76°	88.76°
Observation Angle	1.05°	1.05°
Retroreflected Luminance*	300	250
RL [(mcd • ft-2) • fc-1]		

*The quantity of retroreflected luminance (RL) "relates to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernible surface areas." Federal Test Method Standard 370, 3.1.2, Note 6, March 1, 1977.

C. Color

The preformed markings consist of white or yellow films with pigments selected and blended to conform to standard highway colors.

D. Skid Resistance

The patterned surface of the retroreflective pliant polymer shall provide an initial minimum skid resistance value of 45 BPN when tested according to ASTM E 303 except values will be taken in one direction and at 45° angle from that direction. These two values will then be averaged to find the skid resistance of the patterned surface.

E. Patchability

Heavy traffic may cause wear and damage. New materials shall be easily installed in these areas with minimal surface preparation by following the manufacturer's recommendations.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0210	Four Inch White 270 ES	Package
0220	Eight Inch White 270 ES	Package
0230	Twelve Inch White 270 ES	Package
0240	Four Inch Yellow 271 ES	Package
0250	Twelve Inch Yellow 271 ES	Package
0260	Premark Sealer	Each

DURABLE, ABRASION-RESISTANT, RETROREFLECTIVE RAISED PAVEMENT MARKERS

DESCRIPTION: This specification describes durable, abrasion-resistant, retroreflective raised pavement markers designed for installation on asphalt and portland cement concrete road surfaces. The markers shall be designed to provide highly effective, long-life nighttime visibility.

MATERIALS: The marker shall be produced from an engineering polymer selected for superior impact resistance and weatherability. The color of the marker body shall be either neutral white or as specified. The marker shall incorporate an abrasion-resistant, retroreflective element designed to provide long-lasting nighttime visibility. These markers are intended for application directly onto asphalt or Portland concrete pavement surfaces and shall be compatible with commercially available bitumen or epoxy resin adhesives designed for use with raised pavement markers and as recommended by the marker manufacturer. All other adhesives must be tested by the user to determine suitability.

The markers shall be durable, impact and abrasion-resistant, retroreflective raised pavement markers designed for use with longitudinal and gore markings on new and existing roads in non-snow plow regions.

The marker shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive Bundy pad designed to adhere raised pavement markers to the road surface when heated with a torch. (5" x 5", 125-mil thick squares)

The marker shall meet the following specified requirements:

The marker body shall be produced in neutral white or as specified. The color of the retroreflective element shall be white, yellow, red, green or blue as specified.

Dimensions: The typical dimensions of the marker shall be:

Height: 0.625 ± 0.050 in. (15.88 ± 1.27 mm)

Width: 4.00 ± 0.50 in. (101.6 ± 12.7 mm)

Length: 3.50 ± 0.50 in. (89.2 ± 12.7 mm)

The white/red, and yellow/amber markers shall have initial minimum retroreflectance values specified as the product of the values in Table 1 when measured in accordance with ASTM E809. The photometric quantity to be measured is the coefficient of retroreflected luminous intensity (RI), expressed as millicandelas per lux (mcd/lx). One candela per lux equals 10.76 candelas per foot-candle.

Table 1: Minimum RI Values

Entrance angle β_1 ($\beta_1 = 0^\circ$)	0°		$\pm 20^\circ$	
Observation angle	$.2^\circ$		$.2^\circ$	
Color	Minimum R_1 (med/lx)	Minimum R_1 (cd/fcd)	Minimum R_1 (med/lx)	Minimum R_1 (cd/fcd)
White	279	3.00	112	1.20
Yellow/Amber	167	1.80	67	0.72
Red	70	0.75	28	0.30
Blue	26	0.28	10	0.11
Green	93	1.00	37	0.40

The markers shall have initial minimum retroreflectance values specified as the product of the values in **Table 2** and **Table 3** when measured in accordance with ASTM E809. In **Table 2**, the angles referenced correspond to the entrance, rotation and observation geometry for a driver in a standard vehicle with pavement markers placed on a lane line to the left of the vehicle. The measured value at each simulated distance is the sum of the marker retroreflection from the incident illumination of the left and right headlights. Test set up and measurement geometry is illustrated in **Figure 1**.

Table 2: R_1 "Driver Geometry"

Simulated Distance		Headlight	Observation Angle (α) (degrees)	Rotation Angle (ϵ) (degrees)	Entrance Angle (β)		Minimum R_1 (med/lux) <u>left + right</u>	Typical R_1 (med/lux) <u>left + right</u>
Feet	Meters				β_1	β_2		
100	30	Left	0.95	19	-2.0	-1.6	40	80
		Right	2.91	-72	4.6	-2.9		
300	91	Left	0.35	24	-0.7	-0.5	350	500
		Right	0.90	-69	1.4	-1.0		
500	152	Left	0.22	24	-0.4	-0.3	600	1000
		Right	0.53	-68	0.8	-0.6		

Note: In laboratory testing Entrance Angles β_1 and β_2 are set to equal 0° and Left/Right Rotation Angles ϵ are set to 20° - 70° as an approximation with little loss of accuracy.

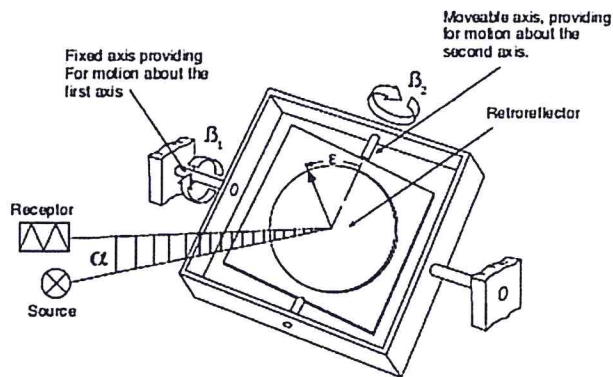


Figure 1: Driver Geometry (CIE Notation)

Table 3:
Color Multiplying Factors

Color	Multiplying Factor
White	1
Yellow/Amber	0.6
Red	0.25
Blue	0.1
Green	0.33

The retroreflected color of the markers shall lie within the respective retroreflected color gamut coordinates, plotted on the 1931 CIE Chromaticity (x,y) diagram, described in Table 4 and Figure 2 when tested in accordance with ASTM E811 using CIE Illuminant Source A and viewing conditions of 0.2° observation angle, 0° entrance angle. The source and receptor angular apertures are each 6 minutes of arc.

Table 4: Retroreflected Color Gamut Coordinates

Point Number	White		Yellow		Red		Blue		Green	
	x	y	x	y	x	y	x	y	x	y
1	0.310	0.348	0.545	0.424	0.650	0.330	0.039	0.320	0.009	0.733
2	0.453	0.440	0.599	0.439	0.668	0.330	0.160	0.320	0.288	0.520
3	0.500	0.440	0.609	0.390	0.734	0.265	0.160	0.240	0.209	0.395
4	0.500	0.380	0.597	0.390	0.721	0.259	0.183	0.218	0.012	0.494
5	0.440	0.380	—	—	—	—	0.088	0.142	—	—
6	0.310	0.283	—	—	—	—	—	—	—	—

If two points lie on the spectrum locus line, they must not be connected by a straight line but rather should, in this case, be joined by the boundary of the spectrum locus.

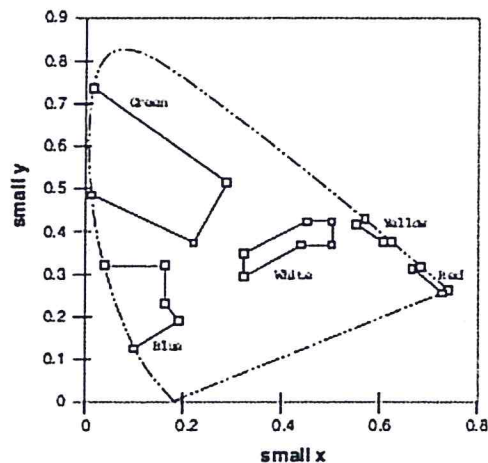


Figure 2: CIE 1931 Chromaticity Chart

The coefficient of retroreflected luminous intensity of the markers is measured after subjecting the entire lens surface to the test described in ASTM D 4280 section 9.5 using a sand drop apparatus. After the exposure described above, retroreflected values shall not be less than 0.5 times the values listed in Table #1.

The marker shall comply with the initial minimum brightness requirements as specified in Table 1 and the product of the values in Tables 2 and 3 after conditioning for 12 hours at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$).

The marker body shall display no cracking or breakage when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be positioned in such a way that the Tup strikes the top of the marker. The marker lens shall display no cracking outside the impact area when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be placed in a steel fixture designed to hold the marker lens horizontal and positioned such that the Tup strikes the center of the lens.

The markers shall be conditioned for 10 minutes at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$) and then immediately submerged in a water bath at $70^{\circ}\text{F} \pm 5^{\circ}\text{C}$ ($21^{\circ}\text{F} \pm 2.5^{\circ}\text{C}$) for 10 minutes. The markers should then be removed from the water bath, wiped dry with a soft cloth, visually inspected for penetration of water behind the lens, and measured for reflectivity in accordance with ASTM E809. The markers shall meet the initial minimum retroreflectance specified values in Table 1 and the product of the values in Tables 2 and 3.

The markers shall meet the performance requirements contained in the current ASTM D 4280 for Raised Retro-reflective Pavement Markers. This warranty excludes (without limitation) damage from improper installation, exposure to chemicals or mishandling. Should the marker fail to conform to this warranty, the manufacturer shall, at its expense for materials ONLY, furnish replacement markers for those non-conforming markers. Jefferson Parish Traffic Engineering Division will maintain and track all installation information.

PAYMENT: Raised pavement markers shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0270	White / Red Raised Pavement Marker	Box
0280	Yellow Raised Pavement Marker	Box

HIGH IMPACT DELINEATOR POSTS

High Performance Surface Mount Post Assembly

DESCRIPTION: This specification describes a high performance surface mount delineator post assembly. The delineators shall be composed of a highly durable, urethane plastic and feature a 3" post diameter. The posts shall be able to withstand over 200 impacts at 60 mph, and shall be designed for areas with a high impact frequency. The posts shall remain extremely flexible, even at extreme temperatures and returns to an upright position after impact.

MATERIALS:

Heavy Duty Delineator Post

- Injection molded thermoplastic (100% polyurethane – no blends accepted)
- Diameter: 3" from all viewing angles
- Height: 36"
- Standard Colors: Yellow, White
- One piece design

Abrasive Resistant Reflective Sheeting

- Horizontal bands
(1, 2, or 3) 3" wide X 9 ¾" long horizontal bands per post assembly
- Vertical strips
(1 or 2) 3" X 12" vertical strips per post assembly
- Standard Colors: Silver or Amber

Surface Mount Base

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: Black
- Includes cold finished Aluminum retaining pin for locking post in base. (One required per post)
- Quick Change retaining pin
- Center screw mount base
- Base shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive SuperBundy pad designed to adhere delineator posts to the road surface when heated with a propane torch. (8" x 8", 100-mil thick, TWO-piece system)

Performance

- Testing
Installed with the pin perpendicular to traffic, the dura-post assembly withstands in excess of 200 vehicle impacts at 60 mph.
- National Transportation Product Evaluation Program (NTPEP) Tested.

PAYMENT: High Impact Delineator posts shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0290	White Delineator Post	Each
0300	Yellow Delineator Post	Each
0310	Base with Lock Pin	Each
0320	Bundy	Pack
0330	Super Bundy	Pack

PROPANE FIELD TORCH KIT

DESCRIPTION: This specification describes an Extra-long, Propane fuel Field Torch Kit. The torch shall be propane gas fueled and used with a propane gas bottle to heat thermoplastic pavement markings when applying to asphalt or concrete roads, surfaces, etc. The torch shall be used to apply thermoplastic lines, letters, and thermoplastic legends on a variety of different surfaces to create a durable finish that can be walked on and driven over within minutes. The torch shall be easily operated by one person. The gas torch shall attach to a gas bottle (not provided) and work by manual application.

MATERIALS: The torch kit shall include the following:

- 24" Extra-Long brass torch handle with 70mm electronic nozzle
- 600,000 BTU
- 33' U/L listed regulator
- Swivel hose connector
- Safety stand
- Lightweight and balanced
- Brass constructed
- Interchangeable nozzles
- Electronic ignition

PAYMENT: The propane field torch kit shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0340	Extra-long Propane Field Torch Kit	Each

DATE: 6/14/2017
BID NO.: 50-00119827

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

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

BUYER: MOVALLE@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/29/2017 AND PUBLICLY OPENED THEREAFTER.

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 will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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.

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.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

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 alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement 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.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

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. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. 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.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part 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 any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

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

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

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>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy 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 <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

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 stated 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. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
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.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

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: 6/14/2017

Page: 5

BID NO.: 50-00119827

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ☒

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES 10-15 days ARO

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) n/a

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Ennis Paint, Inc.

ADDRESS: 115 Todd Court

CITY, STATE: Thomasville, NC ZIP: 27360

TELEPHONE: (336) 308-3769 FAX: (336) 475-7900

EMAIL ADDRESS: contracts@ennisflint.com

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: _____

TOTAL PRICE OF ALL BID ITEMS: \$ \$4740.00

AUTHORIZED SIGNATURE: Zina Brooks

Zina Brooks

Printed Name

TITLE: Vice President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

REJECTED
ALL BID REQUIREMENTS NOT MET

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	30.00	PKG	TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION 0010 - LEFT TURN ARROW EIGHT FEET STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241L		NO BID
2	10.00	PKG	0020 - STRAIGHT ARROW NINE FEET BY SIX INCHES STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330240		NO BID
3	30.00	PKG	0030 - RIGHT TURN ARROW EIGHT FEET STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241R		NO BID
4	15.00	PKG	0040 - RIGHT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES WHITE ONE PER PACK HOT TAPE PREMARK # 8330142R		NO BID
5	15.00	PKG	0050 - LEFT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES STANDARD WHITE ONE PER PACK HOT TAPE PREMARK # 8330142L		NO BID
6	20.00	PKG	0060 - "ONLY" LEGEND EIGHT FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130102		NO BID
7	20.00	PKG	0070 - "RXR" KIT SIX FEET BY SIXTEEN INCHES BY		NO BID

REJECTED
ALL BID REQUIREMENTS NOT MET

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	30.00	PKG	BY TWENTY FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130103A 0080 - "SCHOOL" LEGEND EIGHT FEET		NO BID
9	15.00	PKG	WHITE ONE PER PACK HOT TAPE 0090 - "SCHOOL" LEGEND TEN FEET		NO BID
10	10.00	PKG	WHITE ONE PER PACK HOT TAPE PREMARK # 8120100 0100 - HANDICAP KIT WHITE ON BLUE FORTY EIGHT INCHES BY FORTY EIGHT INCHES		NO BID
11	20.00	PKG	TWO PER PACK 39 POUNDS PER PACK PREMARK HANDICAP MARKINGS WITH VIZIGRIP REMARKS NONE 0110 - BICYCLE SYMBOL PREMARK BIKE LANE MARKINGS WITH VIZIGRIP		NO BID
12	20.00	PKG	SIX FEET BY THREE FEET FOUR INCHES ITEM NUMBER 89230576 HS FIVE PER PACK 35 POUNDS PER PACK FHWA STANDARD 0120 - SHARED LANE SYMBOL NINE FEET THREE INCHES BY		NO BID
13	5.00	PKG	THREE FEET THREE INCHES ITEM NUMBER 892301464HS ONE PER PACK EIGHTEEN POUNDS PER PACK FHWA PROPOSED CALTRANS 0130 - LEFT SHARED BIKE LANE SYMBOL BOX PANEL LARGE-BIKE LANE GREEN VIZI GRIP BACKGROUND WHITE-VIZIGRIP SYMBOL MUTCD 2009 ITEM PM6902769LVG TWO PER PACK		NO BID

REJECTED
ALL BID REQUIREMENTS NOT MET

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	20.00	PKG	0140 - LIGHT GREEN LINE PM90LG Q15' VG24" PM SP SEALER REQUIRED/INCLUDED IN PRICE ITEM 89430566LGHS FIFTEEN FEET PER PACK		NO BID
15	40.00	PKG	0150 - FOUR INCH SOLID WHITE FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060		NO BID
16	60.00	PKG	0160 - FOUR INCH SOLID YELLOW FOUR INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060Y		NO BID
17	70.00	PKG	0170 - EIGHT INCH SOLID WHITE EIGHT INCHES BY THREE FEET SIXTY FEET PER PACK HOT TAPE PREMARK # 8432062		NO BID
18	95.00	PKG	0180 - TWELVE INCH SOLID WHITE TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064		NO BID
19	60.00	PKG	0190 - TWELVE INCH SOLID YELLOW TWELVE INCHES BY THREE FEET THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064Y		NO BID
20	250.00	PKG	0200 - TWENTY FOUR INCH, SOLID WHITE LINES TWENTY FOUR INCHES BY THREE FEET FIFTEEN FEET PER PACK HOT TAPE PREMARK # 8430566		NO BID
21	40.00	PKG	0210 - WHITE LINES 270 ES FOUR INCH WHITE		NO BID

REJECTED
ALL BID REQUIREMENTS NOT MET

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
22	40.00	PKG	THIRTY YARDS PER PACK		NO BID
			0220 - WHITE LINES 270 ES EIGHT INCH WHITE		
23	40.00	PKG	THIRTY YARDS PER PACK		NO BID
			0230 - WHITE LINES 270 ES TWELVE INCH WHITE		
24	40.00	PKG	THIRTY YARDS PER PACK		NO BID
			0240 - YELLOW LINES 271 ES FOUR INCH YELLOW		
25	40.00	PKG	THIRTY YARDS PER PACK		NO BID
			0250 - YELLOW LINES 271 ES TWELVE INCH YELLOW		
26	20.00	EA	THIRTY YARDS PER PACK		NO BID
			0260 - PREMARK SEALER FLINT ACCESSORIES		
27	30.00	BX	FIVE GALLONS (EACH = 5 GALLON CONTAINERS) FIFTY POUNDS FOR CONCRETE APPLICATIONS		
			0270 - WHITE/RED RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	\$79.00/BX	\$2370.00
28	30.00	BX		\$79.00/BX	\$2370.00
			0280 - YELLOW RAISED PAVEMENT MARKER ONE HUNDRED PER BOX		
29	500.00	EA			NO BID
			0290 - WHITE DELINEATOR POST DURA-POST		
30	500.00	EA	PREMARK # 730102		NO BID
			0300 - YELLOW DELINEATOR POST DURA-POST		
31	300.00	EA	PREMARK # 730102Y		NO BID
			0310 - BASE WITH LOCK PIN EIGHT INCHES FOR USE WITH DELINEATORS		

REJECTED
ALL BID REQUIREMENTS NOT MET

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	20.00	PK	PREMARK # 730160 0320 - BUNDY PLUS FIVE INCHES BY FIVE INCHES BLACK RPM ADHESIVE ONE HUNDRED AND FORTY PER PACK (140/PK) PREMARK # 8430055BK		NO BID
33	20.00	PK	0330 - SUPER BUNDY PLUS PAD EIGHT INCHES BY EIGHT INCHES RPM ADHESIVE EIGHTY PER PACK PREMARK # 8434056		NO BID
34	8.00	EA	0340 - EXTRA LONG PROPANE FIELD TORCH KIT		NO BID
REJECTED ALL BID REQUIREMENTS NOT MET					

ENNIS PAINT, INC.
CONSENT IN LIEU OF A SPECIAL
MEETING OF THE BOARD OF DIRECTORS

July 1, 2016

The undersigned, being all the members of the board of directors of Ennis Paint, Inc., a Texas corporation (the "Corporation"), in lieu of holding a special meeting of the board of directors of the Corporation (the "Board"), hereby take the following actions and adopt the following resolutions by written consent pursuant to the third amended and restated bylaws of the Corporation (the "Bylaws") and Section 6.201 of the Business Organizations Code of the State of Texas:

EXECUTION AUTHORITY

RESOLVED, that Zina Brooks, Vice President of Marketing and Contract Administration (such person, an "Authorized Officer") be, and hereby is, authorized and empowered to execute and deliver contracts and other documents in the name and on behalf of the Corporation, and to affix the corporate seal if applicable.

GENERAL RATIFICATION

RESOLVED, that any acts of the Authorized Officer, which acts would have been authorized by the foregoing resolutions except that such acts were taken prior to the adoption of such resolutions, are hereby severally ratified, confirmed, approved and adopted as acts in the name and on behalf the Corporation.

MISCELLANEOUS


RESOLVED, that in order to fully carry out the intent and effectuate the purposes of the foregoing resolutions, the Authorized Officer is authorized to take all such further action, and to execute and deliver all such further instruments and documents, in the name and on behalf of the Corporation.

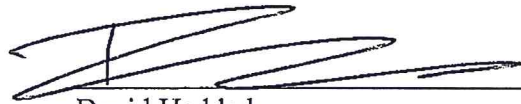
FURTHER RESOLVED, that this consent may be executed in any number of counterparts, each of which shall be deemed to be an original, and such counterparts shall constitute but one and the same consent.

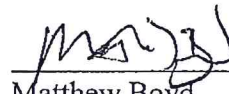
FURTHER RESOLVED, that photostatic or portable document format (PDF) copies of signatures to this consent shall be deemed to be originals and may be relied on to the same extent as originals.

FURTHER RESOLVED, that the actions taken by this written consent shall have the same force and effect as if taken at a special meeting of the Board duly called and constituted pursuant to the Corporation's Bylaws and the laws of the State of Texas.

IN WITNESS WHEREOF, the undersigned have executed this consent as of the date first written above.


David Cardenas


David Haddad


Matthew Boyd


R. Steven Vetter

PLEASE SEE ATTACHMENT

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

SECRETARY-TREASURER

DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF NC

PARISH/COUNTY OF Davidson

BEFORE ME, the undersigned authority, personally came and appeared: Zina Brooks, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Vice President of Ennis Paint, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00119827, 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 ✓ 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 ✓ 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.

Zina Brooks

Signature of Affiant

Zina Brooks

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 20th DAY OF June, 2017.

Crystal S. Gentry

Notary Public

Crystal Gentry

Printed Name of Notary

Notary/Bar Roll Number

My commission expires 4/22/20.





CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/21/2017

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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services South, Inc. Charlotte NC Office 1111 Metropolitan Avenue, Suite 400 Charlotte NC 28204 USA	CONTACT NAME:		
	PHONE (A/C, No, Ext): (866) 283-7122	FAX (A/C, No.): (800) 363-0105	
	E-MAIL ADDRESS:		
INSURED Ennis Paint, Inc. Flint Trading, Inc. dba Ennis-Flint PO Box 160 Thomasville NC 27361 USA	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Great American Insurance Company of NY		22136
	INSURER B: Nautilus Insurance Company		17370
	INSURER C: Great Divide Insurance Co		25224
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES**CERTIFICATE NUMBER:** 570067089806**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. Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLP201309812	11/01/2016	11/01/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
C	AUTOMOBILE LIABILITY			BAP2013086-12 (AOS)	11/01/2016	11/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000
B	<input checked="" type="checkbox"/> ANY AUTO			BAP2013087-12 (AZ)	11/01/2016	11/01/2017	BODILY INJURY (Per person)
C	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Comp Ded \$1,000	<input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Coll Ded \$1,000		MAA2013350-12 (MA)	11/01/2016	11/01/2017	BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						EACH OCCURRENCE AGGREGATE
	DED <input type="checkbox"/> RETENTION <input type="checkbox"/>						
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC407446401	11/01/2016	11/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000

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

RE: Bid No.: 50-00119827

Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council are included as Additional Insured in accordance with the policy provisions of the General Liability and Automobile Liability policies.

CERTIFICATE HOLDER**CANCELLATION**

Jefferson Parish Purchasing Dept. P.O. Box 9 Gretna LA 70054-0009 USA	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 <i>Aon Risk Services South, Inc.</i>

Holder Identifier :

Certificate No : 570067089806



115 Todd Court
Thomasville, NC 27360
Phone: (336) 475-6600
Fax: (336) 475-7900
flint@flinttrading.com
www.flinttrading.com

Warranty Statement

Flint Trading, Inc. warrants preformed thermoplastic pavement marking products, unless otherwise specified, to the original buyer against material defects for a period of one year from the date of delivery of the goods. The foregoing warranty is the only warranty whatsoever, expressed or implied, relating to the products. In no event will Seller be liable for any claims related to the products if the products have been misused, altered, or incorporated into any other product. Such misuse, alteration, or incorporation shall be deemed to be a waiver of all claims by Buyer. Seller disclaims all other express or implied warranties, including, but not limited to, the warranties of merchantability and fitness for a particular use. Seller shall be given, and any claim shall be subject to Seller being provided, a reasonable opportunity to investigate the products subject to any claim. Buyer shall not make any representation or warranty with respect to the products to any person or entity without the prior written consent of Seller.

**Request for Taxpayer
Identification Number and Certification**

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return) Ennis Paint, Inc.	
	Business name/disregarded entity name, if different from above Ennis Traffic Safety Solutions	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate	
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶	
	<input type="checkbox"/> Other (see instructions) ▶	
	<input type="checkbox"/> Exempt payee	
Address (number, street, and apt. or suite no.) 115 Todd Ct.		
City, state, and ZIP code Thomasville, NC 27360		
List account number(s) here (optional)		
Requester's name and address (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-					
Employer identification number								
7	5	-	2	6	5	7	5	2

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here	Signature of U.S. person ▶ <i>James L. Long</i>	Date ▶ <i>7/10/13</i>
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

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

STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

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 advertised 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

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

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.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

June 23, 2017

ADDENDUM # 1

Bid No.: 50-00119827

Bid Opening Date: June 29, 2017, 2:00 PM

For: Two (2) Year Contract for a Supply of Thermoplastic Pavement Markings for the Jefferson Parish Traffic Engineering Division

➤ CLARIFICATION OF SPECIFICATIONS FOR ITEMS 0210 - 0250

Change the series for items 0210 – 0250:

Items 0210 – 0250 should be NON-LINERED

ITEM #	CURRENT SERIES	CHANGE SERIES TO
0210	270ES	A270ES
0220	270ES	A270ES
0230	270ES	A270ES
0240	271ES	A271ES
0250	271ES	A271ES

Sincerely,

Melissa Ovalle

Melissa Ovalle, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053

Office 504.364.2678 – Fax 504.364.2693

Email: Purchasing@jeffparish.net Website: www.jeffparish.net



Bid Number 50 - 00119827

**TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC
PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC
ENGINEERING DIVISION**

BID DUE: June 29, 2017, 2:00 PM

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: Melissa Ovalle
Buyer Email: movalle@jeffparish.net
Buyer Phone: (504) 364-2687**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

**JEFFERSON PARISH DEPARTMENT OF ENGINEERING
TRAFFIC ENGINEERING DIVISION
SPECIFICATION TE-STMAT-2017
SPECIFICATION FOR THERMOPLASTIC PAVEMENT MARKINGS
MATERIAL ONLY**

GENERAL NOTES: The following specifications describe are for a two-year contract to provide retroreflective pavement marking (MATERIAL ONLY). The material shall include but not be limited to: Raised Pavement Markers, Pavement Marking, and Preformed Letters, Legends, and Symbols. All material and legends shall conform to these specifications and to those listed in the Manual of Uniform Traffic Control Devices, 2009 Edition.

Upon request bidders must submit references prior to award. References shall include contact information for municipalities where material has been used successfully on roadways in similar environmental conditions.

HOT APPLIED THERMOPLASTIC PAVEMENT MARKING

DESCRIPTION: This specification describes a reflectorized thermoplastic pavement striping material that is applied using the propane torch method recommended by the manufacturer, to the road surface in a molten state by mechanical means. The material must be able to be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. Upon cooling to normal pavement temperatures the resulting traffic marking shall produce a stripe of specified thickness and width that is retroreflective in dry and wet conditions and capable of resisting deformation by traffic.

- a) The markings must be a resilient white or yellow thermoplastic product with uniformly distributed glass beads throughout the entire cross sectional area. The markings must be resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids etc. Lines, legends, and symbols are capable of being affixed to bituminous and/or Portland cement concrete pavements by the use of the normal heat of a propane torch. Other colors shall be available as required.
- b) The markings must be capable of conforming to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the torch.
- c) The markings must be able to be applied in temperatures down to 32 degrees F. without any special storage, preheating, or treatment of the material before application.
- d) Sealer shall be required for all markings on portland cement concrete and other non-bituminous surfaces where the marking is at street level and would be subjected to vehicular traffic. The sealer shall be supplied in 5 gallon pails. Expiration date for the sealer shall be clearly stamped on the container label.

MATERIALS: The thermoplastic material shall be homogeneously composed of pigment, binder, and glass beads. ***PREHEATED MATERIAL WILL NOT BE ACCEPTED.*** All material shall conform to the Manual of Uniform Traffic Control Devices, 2009 Edition.

The material shall be comprised of maleic modified rosin ester resin and high boiling plasticizer resistant to degradation by motor fuels, lubricants, etc. in conjunction with aggregates, pigments, binders, and glass beads which have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices. The binder shall be a minimum of 50% maleic modified rosin ester.

The thermoplastic material shall conform to AASHTO designation M249-79 (86), with the exception of the relevant differences due to the material being supplied in a preformed state.

The thermoplastic material shall be free of skins, dirt and foreign debris.

The reflective media shall be made up by the internal and external application of glass beads and shall conform to the following requirements:

Glass Beads- The material must contain a minimum of thirty percent (30%) graded glass beads by weight and shall in the "received state" have surface beads firmly affixed. The beads shall be clear and transparent. Not more than twenty percent (20%) of the beads shall consist of irregular fused spheroids, or silica. The index of refraction shall not be less than 1.50.

The thermoplastic materials shall have the following characteristics:

- Shall not deteriorate upon contact with pavement materials, petroleum droppings from traffic and chemicals, such as sodium chloride or calcium chloride, used to prevent formation of ice on roadways or streets.
- Shall not scorch, discolor, or deteriorate if kept at the manufacturer's recommended application temperature, or deteriorate if kept at the manufacturers recommended application temperature, or at least 400° F (204.4° C) for 4 hours.
- Has a temperature versus viscosity characteristic that remains constant from batch to batch through 3-4 re-heat cycles.
- The thermoplastic material in the plastic state shall not exude fumes that are toxic, or cause injury to persons or property.

The Thermoplastic materials shall have the following composition:

- The pigment, beads and filler shall be uniformly dispersed in the resin. The thermoplastic shall be free of skins, dirt, and foreign objects and shall comply with requirements according to Table 3.

Table 3 - COMPOSITION

All Weather Thermoplastic		
Component	Weight Percent	
	White	Yellow
Binder	18% minimum	18% minimum
Type I Glass Spheres (AASHTO M247, Type I)	30% - 40%	30% - 40%
TiO₂, Type II Rutile	10% minimum	As needed
Pigment Yellow 83	None	See Note 1
Calcium Carbonate and Inert Filler (200 mesh sieve)	42% Maximum	See Note 1

Note 1- The amount of yellow pigment, calcium carbonate and inert fillers shall be at the option of the manufacturer, providing all other requirements of this specification are met.

- The thermoplastic material shall be produced without the use of lead chromate or arsenic.
- The thermoplastic shall contain clear glass beads as described above.
- The thermoplastic shall be formulated and manufactured from first-grade materials and specifically compounded for traffic markings.
- The thermoplastic shall resist smearing or spreading under normal traffic conditions below 120° F (49° C).
- The finished line shall maintain its original dimensions and placement.
- The finished line shall be free from tack below 120° F (49° C) and is not slippery when wet.
- The thermoplastic line shall be homogenous with even distribution of pigments, and beads throughout the plastic matrix.
- The physical properties of the thermoplastic line shall be uniform throughout the plastic matrix.
- The thermoplastic line shall resist lifting from the pavement in freezing weather and possess cold ductility properties that permit reasonable movement resulting from thermal expansion and contraction with the road surface to minimize chipping or cracking.

The Thermoplastic materials shall have the following physical characteristics:

Storage Life – The thermoplastic material shall meet the requirements of this specification and melt uniformly with no evidence of skins or un-melted particles for a period of one year.

Yellowness Index – Test according to recommendations in ASTM D 4960 and make yellowness index measurements according to ASTM E 1349 using a 2 degree observer and D 65 illuminant. The yellowness index for the white thermoplastic shall not exceed 15.

Cracking Resistance at Low Temperature - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and then applying to concrete blocks, and cooling to 15° +/-3.6° F (-9.4° +/-2.0° C) the material shall show no cracks. Ref: (AASHTO T-250-04 section 12).

Impact Resistance - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and making test specimens and testing per ASTM 256, Method A (un-notched), the impact resistance shall be a minimum of 8.8 inch-lbs. (1.0 J) Ref: (AASHTO T-250-04 section 14).

Softening Point - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing in accordance with ASTM D 36 the materials shall have a softening point of 215° +/-15° F (102.5° +/-5° C).

Flowability - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing for flowability, the white thermoplastic shall have a maximum percent residue of 18 and the yellow thermoplastic shall have a maximum percent residue of 21. Ref: (AASHTO T-250-04 section 11).

Flowability with Extended Heating - After heating the thermoplastic for 8.0 +/- 0.5 hrs. at 425° +/-3° F (218° +/- 2° C), with stirring the last 6 hrs., and testing for flowability, the thermoplastic shall have a maximum percent residue of 28. Ref: (AASHTO T-250-04 section 17).

Flash Point – When tested in accordance with ASTM D 92 the thermoplastic will have a flash point not less than 475° F (248° C).

Indentation Resistance – Test according to ASTM D 2240 Shore Durometer, A2. Durometer and panel at 110° F (43.3° C) with a 4.4 lb load applied. Measurement is taken after 15 seconds. The thermoplastic should have a minimum value of 40 and a maximum value of 75. **Note:** Extra care should be taken to ensure the intermix is thoroughly mixed and uniform in the test samples. A non-uniform sample will result in erratic measurement values.

- **Note:** During measurement of thermoplastic containing large glass beads the durometer probe may impact a large bead during the test resulting in a much higher than expected result. If the value is unreasonably high, it may be necessary to retest in another location on the sample.

Specific Gravity – Test according to ASTM D 153. The thermoplastic should have a minimum no less than 1.9 maximum of no more than 2.3.

Water Absorption - Test according to ASTM D 570. The thermoplastic sample should have a maximum of 0.5% water absorption.

Ultra Violet Light and Condensate Exposure – Make samples and test according to ASTM G 154. After 300 hrs. exposure the thermoplastic samples shall meet the requirements below.

Color – Make and test thermoplastic samples according to ASTM D 4960. Make color measurements according to ASTM D 6628-03 using a 2 degree observer and D 65 illuminant. The thermoplastic material, after heating for 240 +/-5 minutes at 425° +/- 3° F (218° +/- 2° C) and then cooled to 77° +/-3° F (25° +/- 2° C) shall meet the following criteria:

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 75% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.355, 0.355)$
 $(x_2, y_2) = (0.305, 0.305)$
 $(x_3, y_3) = (0.285, 0.325)$
 $(x_4, y_4) = (0.335, 0.375)$
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 45% minimum.
- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.560, 0.440)$
 $(x_2, y_2) = (0.490, 0.510)$
 $(x_3, y_3) = (0.420, 0.440)$
 $(x_4, y_4) = (0.460, 0.400)$

Retroreflectance – Typical initial retroreflectance are shown in the Table 4 below. Typical retroreflectivity averaged over many readings [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)]

Table 4

Typical Initial Retroreflectivity* Average values over many applications (mcd (ft-2) (fc-1) ; {metric equivalent mcd (m-2) (lux-1)})		
	White	Yellow
Dry (ASTM E1710)	900	700
Wet recovery (ASTM E2177)	345	280
Wet Continuous (ASTM E2176)	125	90

*Note : Typical Retroreflectivity results represent average performance for smooth pavement surfaces. Results may vary due to differences in pavement type and surface roughness. Increased element drop rate may be necessary to compensate for increased surface area characteristics of rough pavement surfaces.

Some reasonable variance should be expected (for example, application on very rough road surfaces or differences in glass beads).

The initial retroreflectance of a single installation shall be the average value determined to the measurement and sampling procedures outlined in ASTM D 6359, using a 30-meter (98.4 feet) retroreflectometer. R_i shall be expressed in units of millicandelas per square foot per foot-candle [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)].

Initial performance of pavement marking shall be measured no sooner than 4 - 7 days after application.

Wet retroreflectance values measured under a "condition of continuous wetting" (simulated rain) shall be in accordance with ASTM E2176, and to reduce variability between measurements, the test method shall be performed in a controlled laboratory environment while the marking is positioned with a 3 to 5 degree lateral slope. Measurements shall be reported as the average of the minimum of three locations. Samples of the completed finished product shall be applied to flat panels during application and brought back to the lab for testing.

On The Road Track-Free Time – When applied at a temperature range of 412.5° +/- 12.5° F (211° +/- 7° C) and a thickness of 60 mils to 185 mils (1.5mm-4.7mm) the material shall set to bear traffic in not more than 2 minutes when the air and road temperature is 50° +/- 3° F. (10° +/- 2° C) and not more than ten minutes when the air and road temperature is 90° +/- 3° F (32° +/- 2° C).

- **Track Free** - shall be considered as the condition where no visual deposition of the traffic marking to the pavement surface is observed when viewed from a distance of 50 feet, after a free-rolling traveling vehicle's tires have passed over the line.

Color After Application – The color of the applied white and yellow stripes and markings (with beads) shall conform to the daytime and nighttime color requirements in ASTM Designation: D 6628-03.

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 35% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.355, 0.355)
 - (x2,y2) = (0.305, 0.305)
 - (x3,y3) = (0.285, 0.325)
 - (x4,y4) = (0.335, 0.375)
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 25% minimum.

- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.560, 0.440)
 - (x2,y2) = (0.490, 0.510)
 - (x3,y3) = (0.420, 0.440)
 - (x4,y4) = (0.460, 0.400)

PACKAGING: The preformed thermoplastic markings shall be placed in protective plastic film with cardboard stiffeners where necessary to prevent damage in transit. Linear material must be cut to a maximum of 3' long pieces. Legends and symbols must also be supplied in flat pieces. The cartons in which packed shall be non-returnable and shall not exceed 40" in length and 25" in width, and be labeled for ease of identification. The weight of the individual carton must not exceed seventy (70) pounds. A protective film around the box must be applied in order to protect the material from rain or premature aging.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0010	Left Arrow Pavement Marking	Package
0020	Straight Arrow Pavement Marking	Package
0030	Right Arrow Pavement Marking	Package
0040	Right/Straight Arrow Pavement Marking	Package
0050	Left/Straight Arrow Pavement Marking	Package
0060	"ONLY" Legend Pavement Marking	Package
0070	"R X R" Kit Pavement Marking	Package
0080	Eight Foot "SCHOOL" Legend Pavement Marking	Package
0090	Ten Foot "SCHOOL" Legend Pavement Marking	Package
0100	Handicap Kit, White on Blue	Package
0110	Bicycle Symbol	Package
0120	Shared Lane Symbol	Package
0130	Left Shared Bike Lane Symbol	Package
0140	Light Green Line	Package
0150	Four Inch Solid White Pavement Marking	Package
0160	Four Inch Solid Yellow Pavement Marking	Package
0170	Eight Inch Solid White Pavement Marking	Package
0180	Twelve Inch Solid White Pavement Marking	Package
0190	Twelve Inch Solid Yellow Pavement Marking	Package
0200	Twenty Four Inch Solid White Pavement Marking	Package

Pavement Marking Tape - Patterned Pavement Marking Tape for Intersections

Description: This specification describes Pavement Marking Tape Series 270 ES retroreflective patterned polymer pavement marking that can be used as an inlay marking on new asphalt or as an overlay marking on asphalt and concrete pavement surfaces in good condition. Series 270 ES tape shall offer "Extended Season" applications with pressure sensitive adhesive (PSA) package on the bottom surface. Series 270 ES shall not require surface preparation adhesive prior to application.

Materials:

Series A270 ES: Unlined. Used for long lines, edge lines, channelizing lines, gore markings, stop bars and crosswalks.

Series L270 ES: Lined. Used to cut symbols and legends.

Series SMS-L270 ES: Lined. Precut symbols and legends.

Properties:

A. Product Features:

- Durable, conformable to pavement and retroreflective
- Embedded net provides increased tear resistance
- Pressure sensitive adhesive (PSA) on bottom surface
- No surface preparation adhesive required when applied within standard tape application season
- Retroreflective layer of glass beads bonded in a highly durable polyurethane topcoat
- Manufactured without the use of heavy metals, lead chromate pigments or other similar, lead containing chemicals
- Nominal thickness of 0.065 in. (1.6 mm) at pattern heights
- White: 270 ES
- Yellow: 271 ES

B. Reflectance

Series 270 ES tape shall have the following initial minimum retroreflectance values when measured in accordance with ASTM-D4061 and ASTM 4505. The photometric quality to be measured is coefficient of retroreflected luminance (RL) and shall be expressed as:

English RL: millicandelas per square foot per footcandle [(mcd • ft-2) • fc-1] or equivalently as:

Metric RL: millicandelas per square meter per lux [(mcd • m-2) • lx-1]

	White	Yellow
Entrance Angle	88.76°	88.76°
Observation Angle	1.05°	1.05°
Retroreflected Luminance*	300	250

RL [(mcd • ft-2) • fc-1]

*The quantity of retroreflected luminance (RL) "relates to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernible surface areas." Federal Test Method Standard 370, 3.1.2, Note 6, March 1, 1977.

C. Color

The preformed markings consist of white or yellow films with pigments selected and blended to conform to standard highway colors.

D. Skid Resistance

The patterned surface of the retroreflective pliant polymer shall provide an initial minimum skid resistance value of 45 BPN when tested according to ASTM E 303 except values will be taken in one direction and at 45° angle from that direction. These two values will then be averaged to find the skid resistance of the patterned surface.

E. Patchability

Heavy traffic may cause wear and damage. New materials shall be easily installed in these areas with minimal surface preparation by following the manufacturer's recommendations.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0210	Four Inch White 270 ES	Package
0220	Eight Inch White 270 ES	Package
0230	Twelve Inch White 270 ES	Package
0240	Four Inch Yellow 271 ES	Package
0250	Twelve Inch Yellow 271 ES	Package
0260	Premark Sealer	Each

DURABLE, ABRASION-RESISTANT, RETROREFLECTIVE RAISED PAVEMENT MARKERS

DESCRIPTION: This specification describes durable, abrasion-resistant, retroreflective raised pavement markers designed for installation on asphalt and portland cement concrete road surfaces. The markers shall be designed to provide highly effective, long-life nighttime visibility.

MATERIALS: The marker shall be produced from an engineering polymer selected for superior impact resistance and weatherability. The color of the marker body shall be either neutral white or as specified. The marker shall incorporate an abrasion-resistant, retroreflective element designed to provide long-lasting nighttime visibility. These markers are intended for application directly onto asphalt or Portland concrete pavement surfaces and shall be compatible with commercially available bitumen or epoxy resin adhesives designed for use with raised pavement markers and as recommended by the marker manufacturer. All other adhesives must be tested by the user to determine suitability.

The markers shall be durable, impact and abrasion-resistant, retroreflective raised pavement markers designed for use with longitudinal and gore markings on new and existing roads in non-snow plow regions.

The marker shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive Bundy pad designed to adhere raised pavement markers to the road surface when heated with a torch. (5" x 5", 125-mil thick squares)

The marker shall meet the following specified requirements:

The marker body shall be produced in neutral white or as specified. The color of the retroreflective element shall be white, yellow, red, green or blue as specified.

Dimensions: The typical dimensions of the marker shall be:

Height: 0.625 ± 0.050 in. (15.88 ± 1.27mm)

Width: 4.00 ± 0.50 in. (101.6 ± 12.7mm)

Length: 3.50 ± 0.50 in. (89.2 ± 12.7mm)

The white/red, and yellow/amber markers shall have initial minimum retroreflectance values specified as the product of the values in Table 1 when measured in accordance with ASTM E809. The photometric quantity to be measured is the coefficient of retroreflected luminous intensity (RI), expressed as millicandelas per lux (mcd/lx). One candela per lux equals 10.76 candelas per foot-candle.

Table 1: Minimum RI Values

Entrance angle β_2 ($\beta_1 = 0^\circ$)	0°		$\pm 20^\circ$	
Observation angle	$.2^\circ$		$.2^\circ$	
Color	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/fcd)	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/fcd)
White	279	3.00	112	1.20
Yellow/Amber	167	1.80	67	0.72
Red	70	0.75	28	0.30
Blue	26	0.28	10	0.11
Green	93	1.00	37	0.40

The markers shall have initial minimum retroreflectance values specified as the product of the values in **Table 2** and **Table 3** when measured in accordance with ASTM E809. In **Table 2**, the angles referenced correspond to the entrance, rotation and observation geometry for a driver in a standard vehicle with pavement markers placed on a lane line to the left of the vehicle. The measured value at each simulated distance is the sum of the marker retroreflection from the incident illumination of the left and right headlights. Test set up and measurement geometry is illustrated in **Figure 1**.

Table 2: R_1 "Driver Geometry"

Simulated Distance		Headlight	Observation Angle (α) (degrees)	Rotation Angle (ϵ) (degrees)	Entrance Angle (β)		Minimum R_1 (mcd/lux) left + right	Typical R_1 (mcd/lux) left + right
Feet	Meters				β_1	β_2		
100	30	Left	0.95	19	-2.0	-1.6	40	80
		Right	2.91	-72	4.6	-2.9		
300	91	Left	0.35	24	-0.7	-0.5	350	500
		Right	0.90	-69	1.4	-1.0		
500	152	Left	0.22	24	-0.4	-0.3	600	1000
		Right	0.53	-68	0.8	-0.6		

Note: In laboratory testing Entrance Angles β_1 and β_2 are set to equal 0° and Left/Right Rotation Angles ϵ are set to $20^\circ/-70^\circ$ as an approximation with little loss of accuracy.

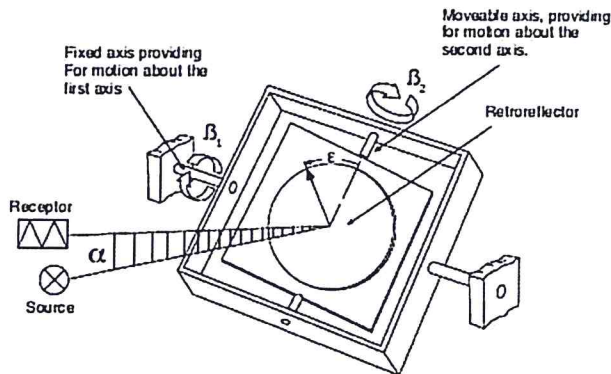


Figure 1: Driver Geometry (CIE Notation)

Table 3:
Color Multiplying Factors

Color	Multiplying Factor
White	1
Yellow/Amber	0.6
Red	0.25
Blue	0.1
Green	0.33

The retroreflected color of the markers shall lie within the respective retroreflected color gamut coordinates, plotted on the 1931 CIE Chromaticity (x,y) diagram, described in Table 4 and Figure 2 when tested in accordance with ASTM E811 using CIE Illuminant Source A and viewing conditions of 0.2° observation angle, 0° entrance angle. The source and receptor angular apertures are each 6 minutes of arc.

Table 4: Retroreflected Color Gamut Coordinates

Point Number	White		Yellow		Red		Blue		Green	
	x	y	x	y	x	y	x	y	x	y
1	0.310	0.348	0.545	0.424	0.650	0.330	0.039	0.320	0.009	0.733
2	0.453	0.440	0.599	0.439	0.668	0.330	0.160	0.320	0.288	0.520
3	0.500	0.440	0.609	0.390	0.734	0.265	0.160	0.240	0.209	0.395
4	0.500	0.380	0.597	0.390	0.721	0.259	0.183	0.218	0.012	0.494
5	0.440	0.380	—	—	—	—	0.088	0.142	—	—
6	0.310	0.283	—	—	—	—	—	—	—	—

If two points lie on the spectrum locus line, they must not be connected by a straight line but rather should, in this case, be joined by the boundary of the spectrum locus.

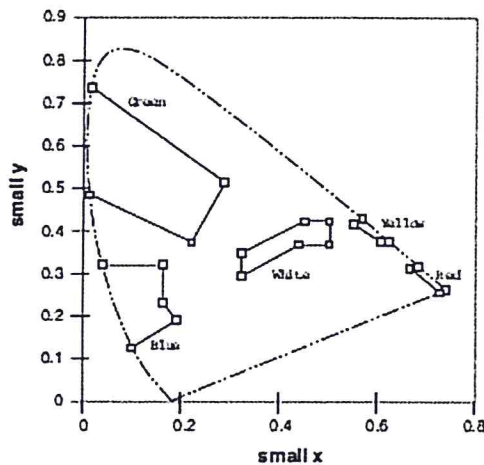


Figure 2: CIE 1931 Chromaticity Chart

The coefficient of retroreflected luminous intensity of the markers is measured after subjecting the entire lens surface to the test described in ASTM D 4280 section 9.5 using a sand drop apparatus. After the exposure described above, retroreflected values shall not be less than 0.5 times the values listed in Table #1.

The marker shall comply with the initial minimum brightness requirements as specified in Table 1 and the product of the values in Tables 2 and 3 after conditioning for 12 hours at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$).

The marker body shall display no cracking or breakage when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be positioned in such a way that the Tup strikes the top of the marker. The marker lens shall display no cracking outside the impact area when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be placed in a steel fixture designed to hold the marker lens horizontal and positioned such that the Tup strikes the center of the lens.

The markers shall be conditioned for 10 minutes at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$) and then immediately submerged in a water bath at $70^{\circ}\text{F} \pm 5^{\circ}\text{C}$ ($21^{\circ}\text{F} \pm 2.5^{\circ}\text{C}$) for 10 minutes. The markers should then be removed from the water bath, wiped dry with a soft cloth, visually inspected for penetration of water behind the lens, and measured for reflectivity in accordance with ASTM E809. The markers shall meet the initial minimum retroreflectance specified values in Table 1 and the product of the values in Tables 2 and 3.

The markers shall meet the performance requirements contained in the current ASTM D 4280 for Raised Retro-reflective Pavement Markers. This warranty excludes (without limitation) damage from improper installation, exposure to chemicals or mishandling. Should the marker fail to conform to this warranty, the manufacturer shall, at its expense for materials ONLY, furnish replacement markers for those non-conforming markers. Jefferson Parish Traffic Engineering Division will maintain and track all installation information.

PAYMENT: Raised pavement markers shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0270	White / Red Raised Pavement Marker	Box
0280	Yellow Raised Pavement Marker	Box

HIGH IMPACT DELINEATOR POSTS

High Performance Surface Mount Post Assembly

DESCRIPTION: This specification describes a high performance surface mount delineator post assembly. The delineators shall be composed of a highly durable, urethane plastic and feature a 3" post diameter. The posts shall be able to withstand over 200 impacts at 60 mph, and shall be designed for areas with a high impact frequency. The posts shall remain extremely flexible, even at extreme temperatures and returns to an upright position after impact.

MATERIALS:

Heavy Duty Delineator Post

- Injection molded thermoplastic (100% polyurethane – no blends accepted)
- Diameter: 3" from all viewing angles
- Height: 36"
- Standard Colors: Yellow, White
- One piece design

Abrasive Resistant Reflective Sheeting

- Horizontal bands
(1, 2, or 3) 3" wide X 9 ¾" long horizontal bands per post assembly
- Vertical strips
(1 or 2) 3" X 12" vertical strips per post assembly
- Standard Colors: Silver or Amber

Surface Mount Base

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: Black
- Includes cold finished Aluminum retaining pin for locking post in base. (One required per post)
- Quick Change retaining pin
- Center screw mount base
- Base shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive SuperBundy pad designed to adhere delineator posts to the road surface when heated with a propane torch. (8" x 8", 100-mil thick, TWO-piece system)

Performance

- Testing
Installed with the pin perpendicular to traffic, the dura-post assembly withstands in excess of 200 vehicle impacts at 60 mph.
- National Transportation Product Evaluation Program (NTPEP) Tested.

PAYMENT: High Impact Delineator posts shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0290	White Delineator Post	Each
0300	Yellow Delineator Post	Each
0310	Base with Lock Pin	Each
0320	Bundy	Pack
0330	Super Bundy	Pack

PROPANE FIELD TORCH KIT

DESCRIPTION: This specification describes an Extra-long, Propane fuel Field Torch Kit. The torch shall be propane gas fueled and used with a propane gas bottle to heat thermoplastic pavement markings when applying to asphalt or concrete roads, surfaces, etc. The torch shall be used to apply thermoplastic lines, letters, and thermoplastic legends on a variety of different surfaces to create a durable finish that can be walked on and driven over within minutes. The torch shall be easily operated by one person. The gas torch shall attach to a gas bottle (not provided) and work by manual application.

MATERIALS: The torch kit shall include the following:

- 24" Extra-Long brass torch handle with 70mm electronic nozzle
- 600,000 BTU
- 33' U/L listed regulator
- Swivel hose connector
- Safety stand
- Lightweight and balanced
- Brass constructed
- Interchangeable nozzles
- Electronic ignition

PAYMENT: The propane field torch kit shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0340	Extra-long Propane Field Torch Kit	Each

DATE: 6/14/2017
BID NO.: 50-00119827

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

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

BUYER: MOVALLE@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/29/2017 AND PUBLICLY OPENED THEREAFTER.

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 will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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.

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.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

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 alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement 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.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

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. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. 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.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part 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 any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

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

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

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>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy 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 <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

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 stated 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. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
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 or 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-Collusion 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.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment.

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.

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

ARO 10 days**LOUISIANA CONTRACTOR'S LICENSE NO.:** (if applicable) _____**THIS SECTION MUST BE COMPLETED BY BIDDER:**FIRM NAME: Crown Technology, LLCADDRESS: 36 Industrial Park Drive , PO Box 789CITY, STATE: Woodbury, GAZIP: 30293

TELEPHONE: (706) 553-9500

FAX: (706) 553-3958

EMAIL ADDRESS: lhead@crownthermo.com

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: Addendum #1

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ \$103299.22

AUTHORIZED

SIGNATURE: Jimmy TealJimmy Teal

Printed Name

TITLE: President

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	30.00	PKG	TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION		
			0010 - LEFT TURN ARROW EIGHT FEET STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241L	1. \$187.93 TuffMark# P113-3200 Two per pack	\$5637.90
2	10.00	PKG	0020 - STRAIGHT ARROW NINE FEET BY SIX INCHES STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330240	2. \$161.87 TuffMark# P113-3100 Two per pack	\$1618.17
3	30.00	PKG	0030 - RIGHT TURN ARROW EIGHT FEET STANDARD WHITE TWO PER PACK HOT TAPE PREMARK # 8330241R	3. \$187.93 TuffMark# P113-3300 Two per pack	\$5637.90
4	15.00	PKG	0040 - RIGHT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES WHITE ONE PER PACK HOT TAPE PREMARK # 8330142R	4. \$169.52 TuffMark# P113-3301 One per pack	\$2542.80
5	15.00	PKG	0050 - LEFT/STRAIGHT ARROW TWELVE FEET BY NINE INCHES STANDARD WHITE ONE PER PACK HOT TAPE PREMARK # 8330142L	5. \$169.52 TuffMark# P113-3201 One per pack	\$2542.80
6	20.00	PKG	0060 - "ONLY" LEGEND EIGHT FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130102	6. \$136.49 TuffMark# P113-9101 One per pack	\$2729.80
7	20.00	PKG	0070 - "RXR" KIT SIX FEET BY SIXTEEN INCHES BY	7. \$262.85 TuffMark# P113-9137 One per pack	\$5257.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
8	30.00	PKG	BY TWENTY FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8130103A 0080 - "SCHOOL" LEGEND EIGHT FEET WHITE ONE PER PACK HOT TAPE	8. \$212.93 TuffMark# P113-9118 One per pack	\$6387.90
9	15.00	PKG	0090 - "SCHOOL" LEGEND TEN FEET WHITE ONE PER PACK HOT TAPE PREMARK # 8120100	9. \$276.32 TuffMark# P113-9118-120 One per pack	\$4084.80
10	10.00	PKG	0100 - HANDICAP KIT WHITE ON BLUE FORTY EIGHT INCHES BY FORTY EIGHT INCHES TWO PER PACK 39 POUNDS PER PACK PREMARK HANDICAP MARKINGS WITH VIZIGRIP REMARKS NONE	10. \$174.70 TuffMark w/ TuffGrip# P201-8302 Two per pack	\$1747.00
11	20.00	PKG	0110 - BICYCLE SYMBOL PREMARK BIKE LANE MARKINGS WITH VIZIGRIP SIX FEET BY THREE FEET FOUR INCHES ITEM NUMBER 89230576 HS FIVE PER PACK 35 POUNDS PER PACK FHWA STANDARD	11. \$181.06 TuffMark w/ TuffGrip# P211-6203 Two per pack	\$3621.20
12	20.00	PKG	0120 - SHARED LANE SYMBOL NINE FEET THREE INCHES BY THREE FEET THREE INCHES ITEM NUMBER 892301464HS ONE PER PACK EIGHTEEN POUNDS PER PACK FHWA PROPOSED CALTRANS	12. \$213.66 TuffMark w/ TuffGrip# P211-6207 Two per pack	\$4273.20
13	5.00	PKG	0130 - LEFT SHARED BIKE LANE SYMBOL BOX PANEL LARGE-BIKE LANE GREEN VIZI GRIP BACKGROUND WHITE-VIZIGRIP SYMBOL MUTCD 2009 ITEM PM6902769LVG TWO PER PACK	13. \$201.65 TuffMark w/ TuffGrip# P201-6206 One per pack	\$1008.25

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	20.00	PKG	0140 - LIGHT GREEN LINE PM90LG Q15' VG24"		
			PM SP SEALER REQUIRED/INCLUDED IN PRICE ITEM 89430566LGHS FIFTEEN FEET PER PACK	14. \$111.03 TuffMark w/ TuffGrip# P231-4105 15ft per pack	\$2220.60
15	40.00	PKG	0150 - FOUR INCH SOLID WHITE FOUR INCHES BY THREE FEET		
			SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060	15. \$92.90 TuffMark# P113-4103 90ft per pack	\$3716.00
16	60.00	PKG	0160 - FOUR INCH SOLID YELLOW FOUR INCHES BY THREE FEET		
			SIXTY FEET PER PACK HOT TAPE PREMARK # 8432060Y	16. \$97.67 TuffMark# P123-4103 90ft per pack	\$5860.20
17	70.00	PKG	0170 - EIGHT INCH SOLID WHITE EIGHT INCHES BY THREE FEET		
			SIXTY FEET PER PACK HOT TAPE PREMARK # 8432062	17. \$92.90 TuffMark# P113-4102 45ft per pack	\$6503.00
18	95.00	PKG	0180 - TWELVE INCH SOLID WHITE TWELVE INCHES BY THREE FEET		
			THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064	18. \$92.90 TuffMark# P113-4101 30ft per pack	\$8825.50
19	60.00	PKG	0190 - TWELVE INCH SOLID YELLOW TWELVE INCHES BY THREE FEET		
			THIRTY FEET PER PACK HOT TAPE PREMARK # 8431064Y	19. \$97.67 TuffMark# P123-4101 30ft per pack	\$5860.20
20	250.00	PKG	0200 - TWENTY FOUR INCH, SOLID WHITE LINES		
			TWENTY FOUR INCHES BY THREE FEET FIFTEEN FEET PER PACK HOT TAPE PREMARK # 8430566	20. \$92.90 TuffMark# P113-4105 15ft per pack	\$23225.00
21	40.00	PKG	0210 - WHITE LINES 270 ES FOUR INCH WHITE		
				No Bid	No Bid

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
22	40.00	PKG	THIRTY YARDS PER PACK	No Bid	No Bid
			0220 - WHITE LINES 270 ES EIGHT INCH WHITE	No Bid	No Bid
23	40.00	PKG	THIRTY YARDS PER PACK	No Bid	No Bid
			0230 - WHITE LINES 270 ES TWELVE INCH WHITE	No Bid	No Bid
24	40.00	PKG	THIRTY YARDS PER PACK	No Bid	No Bid
			0240 - YELLOW LINES 271 ES FOUR INCH YELLOW	No Bid	No Bid
25	40.00	PKG	THIRTY YARDS PER PACK	No Bid	No Bid
			0250 - YELLOW LINES 271 ES TWELVE INCH YELLOW	No Bid	No Bid
26	20.00	EA	THIRTY YARDS PER PACK	No Bid	No Bid
			0260 - PREMARK SEALER FLINT ACCESSORIES	No Bid	No Bid
27	30.00	BX	FIVE GALLONS (EACH = 5 GALLON CONTAINERS) FIFTY POUNDS FOR CONCRETE APPLICATIONS	No Bid	No Bid
			0270 - WHITE/RED RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	No Bid	No Bid
28	30.00	BX	0280 - YELLOW RAISED PAVEMENT MARKER ONE HUNDRED PER BOX	No Bid	No Bid
			0290 - WHITE DELINEATOR POST DURA-POST	No Bid	No Bid
29	500.00	EA	PREMARK # 730102	No Bid	No Bid
			0300 - YELLOW DELINEATOR POST DURA-POST	No Bid	No Bid
30	500.00	EA	PREMARK # 730102Y	No Bid	No Bid
			0310 - BASE WITH LOCK PIN EIGHT INCHES	No Bid	No Bid
31	300.00	EA	FOR USE WITH DELINEATORS	No Bid	No Bid
				No Bid	No Bid

DATE: 6/14/2017

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00119827

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
32	20.00	PK	PREMARK # 730160	No Bid	No Bid
			0320 - BUNDY PLUS FIVE INCHES BY FIVE INCHES BLACK RPM ADHESIVE ONE HUNDRED AND FORTY PER PACK (140/PK) PREMARK # 8430055BK	No Bid	No Bid
33	20.00	PK	0330 - SUPER BUNDY PLUS PAD EIGHT INCHES BY EIGHT INCHES RPM ADHESIVE EIGHTY PER PACK PREMARK # 8434056	No Bid	No Bid
34	8.00	EA	0340 - EXTRA LONG PROPANE FIELD TORCH KIT		

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Crown Technology, LLC
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Crown Technology, LLC
INCORPORATED, DULY NOTICED AND HELD ON 7/22/2009,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT President, Jimmy Teal, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

Lfd & Anderson
SECRETARY-TREASURER

6/27/2017
DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF Georgia

PARISH/COUNTY OF Upson

BEFORE ME, the undersigned authority, personally came and appeared: _____

Jimmy Teal, (Affiant) who after being by me duly sworn, depose and said that he/she is the fully authorized President of Crown Technology (Entity), the party who submitted a bid in response to Bid Number 50-00119827, 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 ✓ 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  _____ 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.

Jimmy Teal
Signature of Affiant
Jimmy Teal
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 26 DAY OF June, 20 17.

Pamela Shumate Kellett
Notary Public
Pamela Shumate Kellett
Printed Name of Notary
00244096
Notary/Bar Roll Number



My commission expires 5-11-19.

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/27/2017

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 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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER BB&T Insurance Services, Inc. 517 North Church Street Thomaston, GA 30286 706 647-8121	CONTACT NAME: PHONE (A/C, No, Ext): 706 647-8121 FAX (A/C, No): 888-831-8407 E-MAIL ADDRESS:																					
INSURED Crown Technology LLC Peek Pavement Marking, LLC 6867 Mountainbrook Drive, Suite 101 Columbus, GA 31904	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr> <tr> <td>INSURER A:</td><td>Zurich American Insurance Compa</td><td>16535</td></tr> <tr> <td>INSURER B:</td><td></td><td></td></tr> <tr> <td>INSURER C:</td><td></td><td></td></tr> <tr> <td>INSURER D:</td><td></td><td></td></tr> <tr> <td>INSURER E:</td><td></td><td></td></tr> <tr> <td>INSURER F:</td><td></td><td></td></tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Zurich American Insurance Compa	16535	INSURER B:			INSURER C:			INSURER D:			INSURER E:			INSURER F:		
INSURER(S) AFFORDING COVERAGE		NAIC #																				
INSURER A:	Zurich American Insurance Compa	16535																				
INSURER B:																						
INSURER C:																						
INSURER D:																						
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 type="checkbox"/> OCCUR <input checked="" type="checkbox"/> BI/PD Ded:100000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	x	x	GLO581946703	01/01/2017	01/01/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 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 <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	x	x	BAP581946103	01/01/2017	01/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> RETENTION S			AUC008357802	01/01/2017	01/01/2018	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC581946603	01/01/2017	01/01/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	Leased/Rented Equipment			CPP581946803	01/01/2017	01/01/2018	\$250,000 Limit

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

First Supplemental Name applies to all policies - Peek Pavement Marking LLC; Fortson-Peek Company Inc
 Peek Services Co, LLC; Crown Technology, LLC; Fortson Land Company LLLP; Fortson-Peek LLC

Crown Technology LLC

Jefferson Parish, LA is included as Additional Insured with respect to General Liability Coverage.

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish, LA
 200 Derbigny St
 General Government Bldg Suite 4400
 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

B. Scott Bontell

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STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

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 advertised 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

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

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

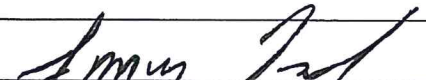
The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Crown Technology, LLC	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ S Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) 35 Industrial Park Drive	Requester's name and address (optional)
	6 City, state, and ZIP code Woodbury, GA 30286	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)																																														
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3.																																														
Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.																																														
<table border="1"><tr><td colspan="9">Social security number</td></tr><tr><td></td><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td></td></tr><tr><td colspan="9">or</td></tr><tr><td colspan="9">Employer identification number</td></tr><tr><td>5</td><td>8</td><td>-</td><td>2</td><td>2</td><td>1</td><td>8</td><td>6</td><td>5 6</td></tr></table>		Social security number												-			-			or									Employer identification number									5	8	-	2	2	1	8	6	5 6
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or																																														
Employer identification number																																														
5	8	-	2	2	1	8	6	5 6																																						

Part II Certification	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and	
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and	
3. I am a U.S. citizen or other U.S. person (defined below); and	
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	
Sign Here	Signature of U.S. person ▶  Date ▶ 6/26/2017

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.
Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China Income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* above.

What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8. Instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting irs.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
5. Sole proprietorship or disregarded entity owned by an individual	The owner ³
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 2.

*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

June 23, 2017

ADDENDUM # 1

Bid No.: 50-00119827

Bid Opening Date: June 29, 2017, 2:00 PM

For: Two (2) Year Contract for a Supply of Thermoplastic Pavement Markings for the Jefferson Parish Traffic Engineering Division

➤ CLARIFICATION OF SPECIFICATIONS FOR ITEMS 0210 - 0250

Change the series for items 0210 – 0250:
Items 0210 – 0250 should be NON-LINERED

ITEM #	CURRENT SERIES	CHANGE SERIES TO
0210	270ES	A270ES
0220	270ES	A270ES
0230	270ES	A270ES
0240	271ES	A271ES
0250	271ES	A271ES

Sincerely,

Melissa Ovalle

Melissa Ovalle, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.



**CROWN
TECHNOLOGY, LLC**

JEFFERSON PARISH

TWO (2) TEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC ENGINEERING DIVISION

BID Number: 50-00119827

Opening Date: 06/29/2017, 2:00 PM

Crown Technology, LLC is a leader in the manufacturing of thermoplastic pavement marking materials and systems. At Crown, we are qualified to assist you in any way that we can to ensure you receive a high-quality product *when you want it, where you want it!*

Our preformed thermoplastic is a no preheat, easy to install, durable pavement marking system. Symbols, lines, legends and specialty markings are pre-cut and supplied according to MUTCD, FHWA and other governing standards and are ready to heat in place without the use of any special equipment. Preformed thermoplastic offers the same durability and retro reflectivity as hot applied thermoplastic and can be used on asphalt and concrete surfaces. Typical uses include but are not limited to, intersections, bike lanes, handicap accessible markings, and crosswalks. **Tuff-Mark™** and **Tuff-Mark™** with **Tuff-Grip™** preformed thermoplastic can be manufactured in a variety of colors and mil thicknesses.

Crown Technology certifies that the information and data submitted for the following RFP is true and complete to the best knowledge of the individual signing the letter.

Jimmy Teal

Crown Technology, LLC

706-553-9500

lhead@crownthermo.com

36 Industrial Park Drive



Bid Number 50 - 00119827

**TWO (2) YEAR CONTRACT FOR A SUPPLY OF THERMOPLASTIC
PAVEMENT MARKINGS FOR THE JEFFERSON PARISH TRAFFIC
ENGINEERING DIVISION**

BID DUE: June 29, 2017, 2:00 PM

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: Melissa Ovalle
Buyer Email: movalle@jeffparish.net
Buyer Phone: (504) 364-2687**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

**JEFFERSON PARISH DEPARTMENT OF ENGINEERING
TRAFFIC ENGINEERING DIVISION
SPECIFICATION TE-STMAT-2017
SPECIFICATION FOR THERMOPLASTIC PAVEMENT MARKINGS
MATERIAL ONLY**

GENERAL NOTES: The following specifications describe are for a two-year contract to provide retroreflective pavement marking (MATERIAL ONLY). The material shall include but not be limited to: Raised Pavement Markers, Pavement Marking, and Preformed Letters, Legends, and Symbols. All material and legends shall conform to these specifications and to those listed in the Manual of Uniform Traffic Control Devices, 2009 Edition.

Upon request bidders must submit references prior to award. References shall include contact information for municipalities where material has been used successfully on roadways in similar environmental conditions.

HOT APPLIED THERMOPLASTIC PAVEMENT MARKING

DESCRIPTION: This specification describes a reflectorized thermoplastic pavement striping material that is applied using the propane torch method recommended by the manufacturer, to the road surface in a molten state by mechanical means. The material must be able to be applied without minimum requirements for ambient and road temperatures and without any preheating of the pavement to a specific temperature. Upon cooling to normal pavement temperatures the resulting traffic marking shall produce a stripe of specified thickness and width that is retroreflective in dry and wet conditions and capable of resisting deformation by traffic.

- a) The markings must be a resilient white or yellow thermoplastic product with uniformly distributed glass beads throughout the entire cross sectional area. The markings must be resistant to the detrimental effects of motor fuels, lubricants, hydraulic fluids etc. Lines, legends, and symbols are capable of being affixed to bituminous and/or Portland cement concrete pavements by the use of the normal heat of a propane torch. Other colors shall be available as required.
- b) The markings must be capable of conforming to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the torch.
- c) The markings must be able to be applied in temperatures down to 32 degrees F. without any special storage, preheating, or treatment of the material before application.
- d) Sealer shall be required for all markings on portland cement concrete and other non-bituminous surfaces where the marking is at street level and would be subjected to vehicular traffic. The sealer shall be supplied in 5 gallon pails. Expiration date for the sealer shall be clearly stamped on the container label.

MATERIALS: The thermoplastic material shall be homogeneously composed of pigment, binder, and glass beads. ***PREHEATED MATERIAL WILL NOT BE ACCEPTED.*** All material shall conform to the Manual of Uniform Traffic Control Devices, 2009 Edition.

The material shall be comprised of maleic modified rosin ester resin and high boiling plasticizer resistant to degradation by motor fuels, lubricants, etc. in conjunction with aggregates, pigments, binders, and glass beads which have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices. The binder shall be a minimum of 50% maleic modified rosin ester.

The thermoplastic material shall conform to AASHTO designation M249-79 (86), with the exception of the relevant differences due to the material being supplied in a preformed state.

The thermoplastic material shall be free of skins, dirt and foreign debris.

The reflective media shall be made up by the internal and external application of glass beads and shall conform to the following requirements:

Glass Beads- The material must contain a minimum of thirty percent (30%) graded glass beads by weight and shall in the "received state" have surface beads firmly affixed. The beads shall be clear and transparent. Not more than twenty percent (20%) of the beads shall consist of irregular fused spheroids, or silica. The index of refraction shall not be less than 1.50.

The thermoplastic materials shall have the following characteristics:

- Shall not deteriorate upon contact with pavement materials, petroleum droppings from traffic and chemicals, such as sodium chloride or calcium chloride, used to prevent formation of ice on roadways or streets.
- Shall not scorch, discolor, or deteriorate if kept at the manufacturer's recommended application temperature, or deteriorate if kept at the manufacturers recommended application temperature, or at least 400° F (204.4° C) for 4 hours.
- Has a temperature versus viscosity characteristic that remains constant from batch to batch through 3-4 re-heat cycles.
- The thermoplastic material in the plastic state shall not exude fumes that are toxic, or cause injury to persons or property.

The Thermoplastic materials shall have the following composition:

- The pigment, beads and filler shall be uniformly dispersed in the resin. The thermoplastic shall be free of skins, dirt, and foreign objects and shall comply with requirements according to Table 3.

Table 3 - COMPOSITION

All Weather Thermoplastic		
Component	Weight Percent	
	White	Yellow
Binder	18% minimum	18% minimum
Type I Glass Spheres (AASHTO M247, Type I)	30% - 40%	30% - 40%
TiO₂, Type II Rutile	10% minimum	As needed
Pigment Yellow 83	None	See Note 1
Calcium Carbonate and Inert Filler (200 mesh sieve)	42% Maximum	See Note 1

Note 1- The amount of yellow pigment, calcium carbonate and inert fillers shall be at the option of the manufacturer, providing all other requirements of this specification are met.

- The thermoplastic material shall be produced without the use of lead chromate or arsenic.
- The thermoplastic shall contain clear glass beads as described above.
- The thermoplastic shall be formulated and manufactured from first-grade materials and specifically compounded for traffic markings.
- The thermoplastic shall resist smearing or spreading under normal traffic conditions below 120° F (49° C).
- The finished line shall maintain its original dimensions and placement.
- The finished line shall be free from tack below 120° F (49° C) and is not slippery when wet.
- The thermoplastic line shall be homogenous with even distribution of pigments, and beads throughout the plastic matrix.
- The physical properties of the thermoplastic line shall be uniform throughout the plastic matrix.
- The thermoplastic line shall resist lifting from the pavement in freezing weather and possess cold ductility properties that permit reasonable movement resulting from thermal expansion and contraction with the road surface to minimize chipping or cracking.

The Thermoplastic materials shall have the following physical characteristics:

Storage Life – The thermoplastic material shall meet the requirements of this specification and melt uniformly with no evidence of skins or un-melted particles for a period of one year.

Yellowness Index – Test according to recommendations in ASTM D 4960 and make yellowness index measurements according to ASTM E 1349 using a 2 degree observer and D 65 illuminant. The yellowness index for the white thermoplastic shall not exceed 15.

Cracking Resistance at Low Temperature - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and then applying to concrete blocks, and cooling to 15° +/-3.6° F (-9.4° +/-2.0° C) the material shall show no cracks. Ref: (AASHTO T-250-04 section 12).

Impact Resistance - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and making test specimens and testing per ASTM 256, Method A (un-notched), the impact resistance shall be a minimum of 8.8 inch-lbs. (1.0 J) Ref: (AASHTO T-250-04 section 14).

Softening Point - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing in accordance with ASTM D 36 the materials shall have a softening point of 215° +/-15° F (102.5° +/-5° C).

Flowability - After heating the thermoplastic for 240 +/-5 minutes at 425° +/-3° F (218° +/- 2° C) and testing for flowability, the white thermoplastic shall have a maximum percent residue of 18 and the yellow thermoplastic shall have a maximum percent residue of 21. Ref: (AASHTO T-250-04 section 11).

Flowability with Extended Heating - After heating the thermoplastic for 8.0 +/- 0.5 hrs. at 425° +/-3° F (218° +/- 2° C), with stirring the last 6 hrs., and testing for flowability, the thermoplastic shall have a maximum percent residue of 28. Ref: (AASHTO T-250-04 section 17).

Flash Point – When tested in accordance with ASTM D 92 the thermoplastic will have a flash point not less than 475° F (248° C).

Indentation Resistance – Test according to ASTM D 2240 Shore Durometer, A2. Durometer and panel at 110° F (43.3° C) with a 4.4 lb load applied. Measurement is taken after 15 seconds. The thermoplastic should have a minimum value of 40 and a maximum value of 75. **Note:** Extra care should be taken to ensure the intermix is thoroughly mixed and uniform in the test samples. A non-uniform sample will result in erratic measurement values.

- **Note:** During measurement of thermoplastic containing large glass beads the durometer probe may impact a large bead during the test resulting in a much higher than expected result. If the value is unreasonably high, it may be necessary to retest in another location on the sample.

Specific Gravity – Test according to ASTM D 153. The thermoplastic should have a minimum no less than 1.9 maximum of no more than 2.3.

Water Absorption - Test according to ASTM D 570. The thermoplastic sample should have a maximum of 0.5% water absorption.

Ultra Violet Light and Condensate Exposure – Make samples and test according to ASTM G 154. After 300 hrs. exposure the thermoplastic samples shall meet the requirements below.

Color – Make and test thermoplastic samples according to ASTM D 4960. Make color measurements according to ASTM D 6628-03 using a 2 degree observer and D 65 illuminant. The thermoplastic material, after heating for 240 +/-5 minutes at 425° +/- 3° F (218° +/- 2° C) and then cooled to 77° +/-3° F (25° +/- 2° C) shall meet the following criteria:

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 75% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.355, 0.355)$
 $(x_2, y_2) = (0.305, 0.305)$
 $(x_3, y_3) = (0.285, 0.325)$
 $(x_4, y_4) = (0.335, 0.375)$
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 45% minimum.
- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.560, 0.440)$
 $(x_2, y_2) = (0.490, 0.510)$
 $(x_3, y_3) = (0.420, 0.440)$
 $(x_4, y_4) = (0.460, 0.400)$

Retroreflectance – Typical initial retroreflectance are shown in the Table 4 below. Typical retroreflectivity averaged over many readings [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)]

Table 4

Typical Initial Retroreflectivity* Average values over many applications (mcd (ft-2) (fc-1) ; {metric equivalent mcd (m-2) (lux-1)})		
	White	Yellow
Dry (ASTM E1710)	900	700
Wet recovery (ASTM E2177)	345	280
Wet Continuous (ASTM E2176)	125	90

*Note : Typical Retroreflectivity results represent average performance for smooth pavement surfaces. Results may vary due to differences in pavement type and surface roughness. Increased element drop rate may be necessary to compensate for increased surface area characteristics of rough pavement surfaces.

Some reasonable variance should be expected (for example, application on very rough road surfaces or differences in glass beads).

The initial retroreflectance of a single installation shall be the average value determined to the measurement and sampling procedures outlined in ASTM D 6359, using a 30-meter (98.4 feet) retroreflectometer. R_i shall be expressed in units of millicandelas per square foot per foot-candle [mcd(ft-2)(fc-1)] metric equivalent [mcd(m-2)(lux-1)].

Initial performance of pavement marking shall be measured no sooner than 4 - 7 days after application.

Wet retroreflectance values measured under a "condition of continuous wetting" (simulated rain) shall be in accordance with ASTM E2176, and to reduce variability between measurements, the test method shall be performed in a controlled laboratory environment while the marking is positioned with a 3 to 5 degree lateral slope. Measurements shall be reported as the average of the minimum of three locations. Samples of the completed finished product shall be applied to flat panels during application and brought back to the lab for testing.

On The Road Track-Free Time – When applied at a temperature range of 412.5° +/- 12.5° F (211° +/- 7° C) and a thickness of 60 mils to 185 mils (1.5mm-4.7mm) the material shall set to bear traffic in not more than 2 minutes when the air and road temperature is 50° +/- 3° F. (10° +/- 2° C) and not more than ten minutes when the air and road temperature is 90° +/- 3° F (32° +/- 2° C).

- **Track Free** - shall be considered as the condition where no visual deposition of the traffic marking to the pavement surface is observed when viewed from a distance of 50 feet, after a free-rolling traveling vehicle's tires have passed over the line.

Color After Application – The color of the applied white and yellow stripes and markings (with beads) shall conform to the daytime and nighttime color requirements in ASTM Designation: D 6628-03.

- **White Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 35% minimum.
- **White Color:** The color shall reasonably match Federal Test Standard number 595B, color 17886 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 - (x1,y1) = (0.355, 0.355)
 - (x2,y2) = (0.305, 0.305)
 - (x3,y3) = (0.285, 0.325)
 - (x4,y4) = (0.335, 0.375)
- **Yellow Reflectance:** Daylight reflectance (*Cap Y*) measured at 45/0 degrees is 25% minimum.

- **Yellow Color:** The color shall reasonably match Federal Test Standard number 595B, color 13538 and shall be within the following chromaticity limits "color box" defined by plotting the following four (x,y) pairs on a C.I.E. 1931 chromaticity diagram.
 $(x_1, y_1) = (0.560, 0.440)$
 $(x_2, y_2) = (0.490, 0.510)$
 $(x_3, y_3) = (0.420, 0.440)$
 $(x_4, y_4) = (0.460, 0.400)$

PACKAGING: The preformed thermoplastic markings shall be placed in protective plastic film with cardboard stiffeners where necessary to prevent damage in transit. Linear material must be cut to a maximum of 3' long pieces. Legends and symbols must also be supplied in flat pieces. The cartons in which packed shall be non-returnable and shall not exceed 40" in length and 25" in width, and be labeled for ease of identification. The weight of the individual carton must not exceed seventy (70) pounds. A protective film around the box must be applied in order to protect the material from rain or premature aging.

PAYMENT: Reflectorized thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0010	Left Arrow Pavement Marking	Package
0020	Straight Arrow Pavement Marking	Package
0030	Right Arrow Pavement Marking	Package
0040	Right/Straight Arrow Pavement Marking	Package
0050	Left/Straight Arrow Pavement Marking	Package
0060	"ONLY" Legend Pavement Marking	Package
0070	"R X R" Kit Pavement Marking	Package
0080	Eight Foot "SCHOOL" Legend Pavement Marking	Package
0090	Ten Foot "SCHOOL" Legend Pavement Marking	Package
0100	Handicap Kit, White on Blue	Package
0110	Bicycle Symbol	Package
0120	Shared Lane Symbol	Package
0130	Left Shared Bike Lane Symbol	Package
0140	Light Green Line	Package
0150	Four Inch Solid White Pavement Marking	Package
0160	Four Inch Solid Yellow Pavement Marking	Package
0170	Eight Inch Solid White Pavement Marking	Package
0180	Twelve Inch Solid White Pavement Marking	Package
0190	Twelve Inch Solid Yellow Pavement Marking	Package
0200	Twenty Four Inch Solid White Pavement Marking	Package

Pavement Marking Tape - Patterned Pavement Marking Tape for Intersections

Description: This specification describes Pavement Marking Tape Series 270 ES retroreflective patterned polymer pavement marking that can be used as an inlay marking on new asphalt or as an overlay marking on asphalt and concrete pavement surfaces in good condition. Series 270 ES tape shall offer "Extended Season" applications with pressure sensitive adhesive (PSA) package on the bottom surface. Series 270 ES shall not require surface preparation adhesive prior to application.

Materials:

Series A270 ES: Unlined. Used for long lines, edge lines, channelizing lines, gore markings, stop bars and crosswalks.

Series L270 ES: Lined. Used to cut symbols and legends.

Series SMS-L270 ES: Lined. Precut symbols and legends.

Properties:

A. Product Features:

- Durable, conformable to pavement and retroreflective
- Embedded net provides increased tear resistance
- Pressure sensitive adhesive (PSA) on bottom surface
- No surface preparation adhesive required when applied within standard tape application season
- Retroreflective layer of glass beads bonded in a highly durable polyurethane topcoat
- Manufactured without the use of heavy metals, lead chromate pigments or other similar, lead containing chemicals
- Nominal thickness of 0.065 in. (1.6 mm) at pattern heights
- White: 270 ES
- Yellow: 271 ES

B. Reflectance

Series 270 ES tape shall have the following initial minimum retroreflectance values when measured in accordance with ASTM-D4061 and ASTM 4505. The photometric quality to be measured is coefficient of retroreflected luminance (RL) and shall be expressed as:

English RL: millicandelas per square foot per footcandle [(mcd • ft-2) • fc-1] or equivalently as:

Metric RL: millicandelas per square meter per lux [(mcd • m-2) • lx-1]

	White	Yellow
Entrance Angle	88.76°	88.76°
Observation Angle	1.05°	1.05°
Retroreflected Luminance*	300	250
RL [(mcd • ft-2) • fc-1]		

*The quantity of retroreflected luminance (RL) "relates to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernible surface areas." Federal Test Method Standard 370, 3.1.2, Note 6, March 1, 1977.

C. Color

The preformed markings consist of white or yellow films with pigments selected and blended to conform to standard highway colors.

D. Skid Resistance

The patterned surface of the retroreflective pliant polymer shall provide an initial minimum skid resistance value of 45 BPN when tested according to ASTM E 303 except values will be taken in one direction and at 45° angle from that direction. These two values will then be averaged to find the skid resistance of the patterned surface.

E. Patchability

Heavy traffic may cause wear and damage. New materials shall be easily installed in these areas with minimal surface preparation by following the manufacturer's recommendations.

PAYMENT: ReflectORIZED thermoplastic pavement striping material will be paid for at the contract unit price, under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0210	Four Inch White 270 ES	Package
0220	Eight Inch White 270 ES	Package
0230	Twelve Inch White 270 ES	Package
0240	Four Inch Yellow 271 ES	Package
0250	Twelve Inch Yellow 271 ES	Package
0260	Premark Sealer	Each

DURABLE, ABRASION-RESISTANT, RETROREFLECTIVE RAISED PAVEMENT MARKERS

DESCRIPTION: This specification describes durable, abrasion-resistant, retroreflective raised pavement markers designed for installation on asphalt and portland cement concrete road surfaces. The markers shall be designed to provide highly effective, long-life nighttime visibility.

MATERIALS: The marker shall be produced from an engineering polymer selected for superior impact resistance and weatherability. The color of the marker body shall be either neutral white or as specified. The marker shall incorporate an abrasion-resistant, retroreflective element designed to provide long-lasting nighttime visibility. These markers are intended for application directly onto asphalt or Portland concrete pavement surfaces and shall be compatible with commercially available bitumen or epoxy resin adhesives designed for use with raised pavement markers and as recommended by the marker manufacturer. All other adhesives must be tested by the user to determine suitability.

The markers shall be durable, impact and abrasion-resistant, retroreflective raised pavement markers designed for use with longitudinal and gore markings on new and existing roads in non-snow plow regions.

The marker shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive Bundy pad designed to adhere raised pavement markers to the road surface when heated with a torch. (5" x 5", 125-mil thick squares)

The marker shall meet the following specified requirements:

The marker body shall be produced in neutral white or as specified. The color of the retroreflective element shall be white, yellow, red, green or blue as specified.

Dimensions: The typical dimensions of the marker shall be:

Height: 0.625 ± 0.050 in. (15.88 ± 1.27mm)

Width: 4.00 ± 0.50 in. (101.6 ± 12.7mm)

Length: 3.50 ± 0.50 in. (89.2 ± 12.7mm)

The white/red, and yellow/amber markers shall have initial minimum retroreflectance values specified as the product of the values in Table 1 when measured in accordance with ASTM E809. The photometric quantity to be measured is the coefficient of retroreflected luminous intensity (RI), expressed as millicandelas per lux (mcd/lx). One candela per lux equals 10.76 candelas per foot-candle.

Table 1: Minimum RI Values

Entrance angle β_2 ($\beta_1 = 0^\circ$)	0°		$\pm 20^\circ$	
Observation angle	$.2^\circ$		$.2^\circ$	
Color	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/ftcd)	Minimum R_1 (mcd/lx)	Minimum R_1 (cd/ftcd)
White	279	3.00	112	1.20
Yellow/Amber	167	1.80	67	0.72
Red	70	0.75	28	0.30
Blue	26	0.28	10	0.11
Green	93	1.00	37	0.40

The markers shall have initial minimum retroreflectance values specified as the product of the values in **Table 2** and **Table 3** when measured in accordance with ASTM E809. In **Table 2**, the angles referenced correspond to the entrance, rotation and observation geometry for a driver in a standard vehicle with pavement markers placed on a lane line to the left of the vehicle. The measured value at each simulated distance is the sum of the marker retroreflection from the incident illumination of the left and right headlights. Test set up and measurement geometry is illustrated in **Figure 1**.

Table 2: R_1 "Driver Geometry"

Simulated Distance		Headlight	Observation Angle (α)	Rotation Angle (ϵ)	Entrance Angle (β)		Minimum R_1 (mcd/lux)	Typical R_1 (mcd/lux)
Feet	Meters		(degrees)	(degrees)	β_1	β_2	left + right	left + right
100	30	Left	0.95	19	-2.0	-1.6	40	80
		Right	2.91	-72	4.6	-2.9		
300	91	Left	0.35	24	-0.7	-0.5	350	500
		Right	0.90	-69	1.4	-1.0		
500	152	Left	0.22	24	-0.4	-0.3	600	1000
		Right	0.53	-68	0.8	-0.6		

Note: In laboratory testing Entrance Angles β_1 and β_2 are set to equal 0° and Left/Right Rotation Angles ϵ are set to 20° /- 70° as an approximation with little loss of accuracy.

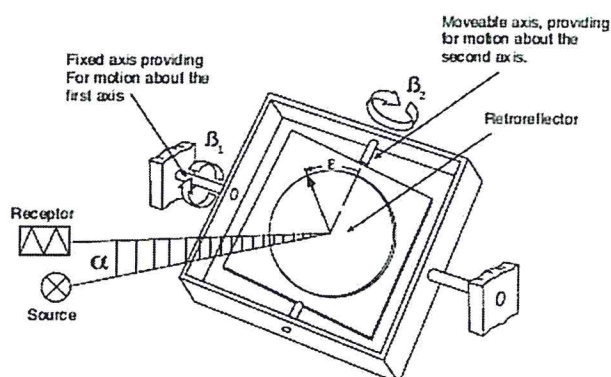


Figure 1: Driver Geometry (CIE Notation)

Table 3:
Color Multiplying Factors

Color	Multiplying Factor
White	1
Yellow/Amber	0.6
Red	0.25
Blue	0.1
Green	0.33

The retroreflected color of the markers shall lie within the respective retroreflected color gamut coordinates, plotted on the 1931 CIE Chromaticity (x,y) diagram, described in Table 4 and Figure 2 when tested in accordance with ASTM E811 using CIE Illuminant Source A and viewing conditions of 0.2° observation angle, 0° entrance angle. The source and receptor angular apertures are each 6 minutes of arc.

Table 4: Retroreflected Color Gamut Coordinates

Point Number	White		Yellow		Red		Blue		Green	
	x	y	x	y	x	y	x	y	x	y
1	0.310	0.348	0.545	0.424	0.650	0.330	0.039	0.320	0.009	0.733
2	0.453	0.440	0.599	0.439	0.668	0.330	0.160	0.320	0.288	0.520
3	0.500	0.440	0.609	0.390	0.734	0.265	0.160	0.240	0.209	0.395
4	0.500	0.380	0.597	0.390	0.721	0.259	0.183	0.218	0.012	0.494
5	0.440	0.380	—	—	—	—	0.088	0.142	—	—
6	0.310	0.283	—	—	—	—	—	—	—	—

If two points lie on the spectrum locus line, they must not be connected by a straight line but rather should, in this case, be joined by the boundary of the spectrum locus.

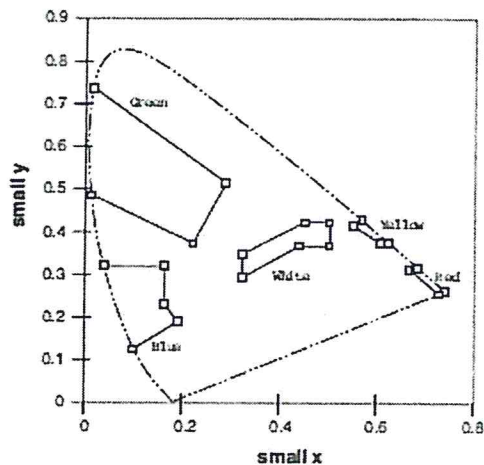


Figure 2: CIE 1931 Chromaticity Chart

The coefficient of retroreflected luminous intensity of the markers is measured after subjecting the entire lens surface to the test described in ASTM D 4280 section 9.5 using a sand drop apparatus. After the exposure described above, retroreflected values shall not be less than 0.5 times the values listed in Table #1.

The marker shall comply with the initial minimum brightness requirements as specified in **Table 1** and the product of the values in **Tables 2 and 3** after conditioning for 12 hours at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$).

The marker body shall display no cracking or breakage when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be positioned in such a way that the Tup strikes the top of the marker. The marker lens shall display no cracking outside the impact area when tested according to ASTM D2444 Tup A, using a 1000 gm weight from a height of 1 meter. The marker shall be placed in a steel fixture designed to hold the marker lens horizontal and positioned such that the Tup strikes the center of the lens.

The markers shall be conditioned for 10 minutes at $145^{\circ}\text{F} \pm 5^{\circ}\text{F}$ ($62.7^{\circ}\text{C} \pm 2.5^{\circ}\text{C}$) and then immediately submerged in a water bath at $70^{\circ}\text{F} \pm 5^{\circ}\text{C}$ ($21^{\circ}\text{F} \pm 2.5^{\circ}\text{C}$) for 10 minutes. The markers should then be removed from the water bath, wiped dry with a soft cloth, visually inspected for penetration of water behind the lens, and measured for reflectivity in accordance with ASTM E809. The markers shall meet the initial minimum retroreflectance specified values in **Table 1** and the product of the values in **Tables 2 and 3**.

The markers shall meet the performance requirements contained in the current ASTM D 4280 for Raised Retro-reflective Pavement Markers. This warranty excludes (without limitation) damage from improper installation, exposure to chemicals or mishandling. Should the marker fail to conform to this warranty, the manufacturer shall, at its expense for materials ONLY, furnish replacement markers for those non-conforming markers. Jefferson Parish Traffic Engineering Division will maintain and track all installation information.

PAYMENT: Raised pavement markers shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0270	White / Red Raised Pavement Marker	Box
0280	Yellow Raised Pavement Marker	Box

HIGH IMPACT DELINEATOR POSTS

High Performance Surface Mount Post Assembly

DESCRIPTION: This specification describes a high performance surface mount delineator post assembly. The delineators shall be composed of a highly durable, urethane plastic and feature a 3" post diameter. The posts shall be able to withstand over 200 impacts at 60 mph, and shall be designed for areas with a high impact frequency. The posts shall remain extremely flexible, even at extreme temperatures and returns to an upright position after impact.

MATERIALS:

Heavy Duty Delineator Post

- Injection molded thermoplastic (100% polyurethane – no blends accepted)
- Diameter: 3" from all viewing angles
- Height: 36"
- Standard Colors: Yellow, White
- One piece design

Abrasive Resistant Reflective Sheeting

- Horizontal bands
(1, 2, or 3) 3" wide X 9 ¾" long horizontal bands per post assembly
- Vertical strips
(1 or 2) 3" X 12" vertical strips per post assembly
- Standard Colors: Silver or Amber

Surface Mount Base

- Injection molded high-impact polystyrene
- Base shall be one color throughout
- Color: Black
- Includes cold finished Aluminum retaining pin for locking post in base. (One required per post)
- Quick Change retaining pin
- Center screw mount base
- Base shall be installed by use of a non-toxic, zero V.O.C., preformed thermoplastic adhesive SuperBundy pad designed to adhere delineator posts to the road surface when heated with a propane torch. (8" x 8", 100-mil thick, TWO-piece system)

Performance

- Testing
Installed with the pin perpendicular to traffic, the dura-post assembly withstands in excess of 200 vehicle impacts at 60 mph.
- National Transportation Product Evaluation Program (NTPEP) Tested.

PAYMENT: High Impact Delineator posts shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0290	White Delineator Post	Each
0300	Yellow Delineator Post	Each
0310	Base with Lock Pin	Each
0320	Bundy	Pack
0330	Super Bundy	Pack

PROPANE FIELD TORCH KIT

DESCRIPTION: This specification describes an Extra-long, Propane fuel Field Torch Kit. The torch shall be propane gas fueled and used with a propane gas bottle to heat thermoplastic pavement markings when applying to asphalt or concrete roads, surfaces, etc. The torch shall be used to apply thermoplastic lines, letters, and thermoplastic legends on a variety of different surfaces to create a durable finish that can be walked on and driven over within minutes. The torch shall be easily operated by one person. The gas torch shall attach to a gas bottle (not provided) and work by manual application.

MATERIALS: The torch kit shall include the following:

- 24" Extra-Long brass torch handle with 70mm electronic nozzle
- 600,000 BTU
- 33' U/L listed regulator
- Swivel hose connector
- Safety stand
- Lightweight and balanced
- Brass constructed
- Interchangeable nozzles
- Electronic ignition

PAYMENT: The propane field torch kit shall be paid for at the contract unit price. Payment will be made under:

(Prices are not to be included on this page. Prices must be provided on the Jefferson Parish Bid Form.)

<u>ITEM NO.</u>	<u>PAY ITEM</u>	<u>PAY UNIT</u>
0340	Extra-long Propane Field Torch Kit	Each

DATE: 6/14/2017

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00119827

JEFFERSON PARISH

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

BUYER: MOVALLE@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 6/29/2017 AND PUBLICLY OPENED THEREAFTER.

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 will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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.

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.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

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 alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement 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.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

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. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. 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.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part 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 any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

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

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

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>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy 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 <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

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

10,12,13,15

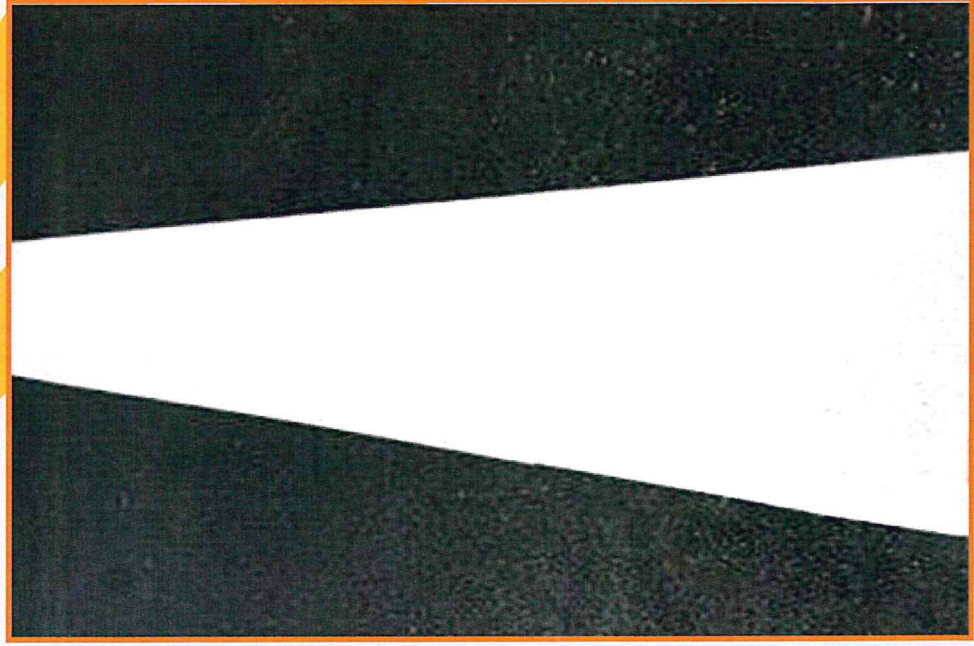
1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration 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 stated 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. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
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 or 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.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment.

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.

The Tuff-Mark™ product line from Crown Technology, LLC is a long-term, durable, preformed thermoplastic. It is designed for ease of application, without the need for specialized equipment. It is manufactured to meet AASHTO M-249 with relevant modifications to be in a finished preformed state.



- Available in standard beaded or skid resistant options, both 90 and 125 mil
- Available in white, yellow and green
- Comes precut into lines, legends, arrows, and symbols
- No specialized equipment
- No preheating of surface
- No minimum surface or ambient temperature required to apply



Tuff-Mark™ w/ Tuff-Grip™ products are designed to provide a consistent application of a skid resistant marking while providing retroreflectivity throughout the entire marking. They are designed to be used on crosswalks, turn arrows and bike legends, stop bars, or anywhere else pedestrians or cyclists could be injured. Helps minimize skidding, slipping or falling. Available in a variety of colors.

Tuff-Mark™ products are designed for optimum visibility and retroreflectivity both day and night. Glass beads are uniformly distributed on the surface of the markings as well as throughout the material. As the product wears, more glass beads are exposed, providing excellent long term retroreflectivity. Tuff-Mark™ preformed thermoplastic is designed to last 8 to 10 times longer than similar painted traffic markings.

