

DATE: 1/28/2020

BID NO.: 50-00129087

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: DNELSON@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, 3/03/2020 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.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

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 via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. 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.

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

DATE: 1/28/2020

BID NO.: 50-00129087

Page: 2

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.

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

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

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.

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.

2,3,4,6,7,10,11,12,14

**PRE-BID CONFERENCE TO BE HELD AT: JEFFERSON PARISH PURCHASING DEPARTMENT,
200 DERBIGNY ST., STE. 4400 AT 10:00 AM
ON 2/18/2020**

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(l), 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.

* 14. 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. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
- * 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.

See Page 1 for Conflicts of Interest Statement

TO: JEFFERSON PARISH
PURCHASING DEPT
200 DERBIGNY ST. SUITE 4400
GRETN, LA 70053

BID FOR: LABOR, MATERIALS & EQUIPMENT NECESSARY
FOR CONCRETE PAVEMENT LIFTING & SEALING
OF VARIOUS DRAINAGE STRUCTURES UTILIZING
HIGH-DENSITY POLYURETHANE, FOR JEFFERSON
PARISH DEPT. OF PUBLIC WORKS, STREETS & ALL
JEFFERSON PARISH AGENCIES & MUNICIPALITIES

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Jefferson Parish Department of Streets

(Owner to provide name of entity preparing bidding documents.) and dated: January 29, 2020

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) N/A as of 2/28/20

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

Three Hundred Fifty Six Thousand One Hundred Fifty Dollars (\$) 356,150.00

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

Alternate No. 2 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

Alternate No. 3 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

NAME OF BIDDER: Nortex Concrete Lift & Stabilization, Inc.

ADDRESS OF BIDDER: 201 NW 26th St. Fort Worth, TX 76164

LOUISIANA CONTRACTOR'S LICENSE NUMBER: 41567

NAME OF AUTHORIZED SIGNATORY OF BIDDER: David Simpson

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: GM

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: [Signature]

DATE:

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** A CORPORATE RESOLUTION OR WRITTEN EVIDENCE of the authority of the person signing the bid for the public work as prescribed by LA-R.S. 38:2218 (B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA-R.S. 38:2218.(A) is attached to and made a part of this bid.



BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we Nortex Concrete Lift & Stabilization, Inc. as principal, hereinafter called the "Principal," and **SURETEC INSURANCE COMPANY**, 2103 CityWest Boulevard, Suite 1300, Houston, TX 77042, as surety, hereinafter called the "Surety," are held and firmly bound unto Jefferson Parish as obligee, hereinafter called the Obligee, in the sum of Five Percent (5%) of the Amount Bid by Principal for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the principal has submitted a bid for Concrete Pavement Lifting and Sealing of Various Drainage Structures.

NOW, THEREFORE, if the contract be timely awarded to the Principal and the Principal shall within such time as specified in the bid, enter into a contract in writing or, in the event of the failure of the Principal to enter into such Contract, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

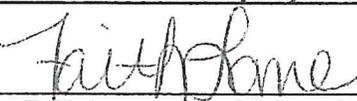
PROVIDED, HOWEVER, neither Principal nor Surety shall be bound hereunder unless Obligee prior to execution of the final contract shall furnish evidence of financing in a manner and form acceptable to Principal and Surety that financing has been firmly committed to cover the entire cost of the project.

SIGNED, sealed and dated this 19th day of February, 2020.

Nortex Concrete Lift & Stabilization, Inc.
(Principal)

BY: 
TITLE: GM

SureTec Insurance Company

BY: 
Faith Lane, Attorney-in-Fact

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Linda Dailey, Crystal Langhorn, Faith Lane

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for, providing the bond penalty does not exceed

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the CEO, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its CEO, and its corporate seal to be hereto affixed this 11th day of July, A.D. 2019.

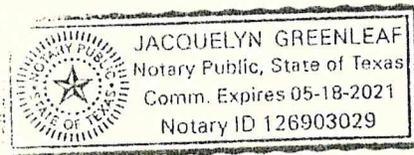
SURETEC INSURANCE COMPANY

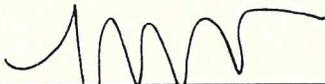
By: 
John Knox Jr., CEO



State of Texas ss:
County of Harris

On this 11th day of July, A.D. 2019 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is CEO of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




Jacquelyn Greenleaf, Notary Public
My commission expires May 18, 2021

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 19th day of February, 2020, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:30 am and 5:00 pm CST.

September 11, 2019

Base Bid Line Items

LA Public Work Bid Form and Unit Price Form

The bidder's Total Base Bid entry on the signature page must reflect the sum total of all base bid line items (inclusive of applicable insurance line items) from the Unit Price page of the Louisiana Public Work Bid Form. The line items pertaining to insurance must have a numeric entry in the unit price field for each type of insurance for the bid submission to be responsive, and must reflect actual cost to be incurred for the respective insurance line item. If your company will not incur a charge for the respective insurance(s), then you must enter a value, i.e., \$0.00, indicative of no charge, for the bid response to be responsive.

If you have any questions, please contact the buyer assigned to the bid.

Sincerely,

Jefferson Parish Purchasing Department

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

Bid# 50-00129087

TO: JEFFERSON PARISH
PURCHASING DEPT
200 DERBIGNY ST. SUITE 4400
GRETN, LA 70053

LABOR, MATERIALS & EQUIPMENT NECESSARY FOR CONCRETE PAVEMENT LIFTING & SEALING OF VARIOUS DRAINAGE STRUCTURES UTILIZING HIGH-DENSITY POLYURETHANE, FOR JEFFERSON PARISH DEPT. OF PUBLIC WORKS, STREETS & ALL JEFFERSON PARISH AGENCIES & MUNICIPALITIES

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0010 PAVEMENT LIFTING (VIA FILLING THE VOID SPACE JUST BELOW THE BOTTOM OF THE SLAB. NO BASE LIFTING) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0010	10,000.00	LB	\$5.10	\$51,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0020 PAVEMENT LIFTING (INCLUDING BASE MATERIAL UP TO 3 FEET IN THICKNESS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0020	35,000.00	LB	\$5.15	\$180,250.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0030 PAVEMENT LIFTING (INCLUDING BASE MATERIAL GREATER THAN 3 FEET TO 6 FEET IN THICKNESS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0030	3,000.00	LB	\$5.20	\$15,600.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0040 PAVEMENT LIFTING (INCLUDING BASE MATERIAL GREATER THAN 6 FEET TO 10 FEET IN THICKNESS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0040	1,000.00	LB	\$5.40	\$5,400.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0050 SEALING OF DRAINAGE PIPE/STRUCTURES (DEPTH FROM 0 TO 4 FEET) (EXCLUDING DRAINAGE BOX CULVERTS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0050	1,200.00	LB	\$9.00	\$10,800.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0060 SEALING OF DRAINAGE PIPE/STRUCTURES (DEPTH GREATER THAN 4 FEET TO 8 FEET) (EXCLUDING DRAINAGE BOX CULVERTS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0060	500.00	LB	\$9.00	\$4,500.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0070 SEALING OF DRAINAGE PIPE/STRUCTURES (DEPTH GREATER THAN 8 FEET TO 12 FEET) (EXCLUDING DRAINAGE BOX CULVERTS) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0070	300.00	LB	\$10.00	\$3,000.00

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid 0080 SEALING OF DRAINAGE BOX CULVERTS (VARIOUS DEPTHS AND SIZES) <input type="checkbox"/> Alt. # ___			
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0080	700.00	LB	\$8.00	\$5,600.00

Wording for "DESCRIPTION" is to be provided by the Owner.
 All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

Bid# 50-00129087

TO: JEFFERSON PARISH
PURCHASING DEPT
200 DERBIGNY ST. SUITE 4400
GRETNA, LA 70053

LABOR, MATERIALS & EQUIPMENT NECESSARY FOR CONCRETE PAVEMENT LIFTING & SEALING OF VARIOUS DRAINAGE STRUCTURES UTILIZING HIGH-DENSITY POLYURETHANE, FOR JEFFERSON PARISH DEPT. OF PUBLIC WORKS, STREETS & ALL JEFFERSON PARISH AGENCIES & MUNICIPALITIES

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0090 FLUSH TRUCK ALONG WITH CAMERA/VIDEO <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0090	20.00	DY	\$4,000.00	\$80,000.00

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0150 COST TO CONTRACTOR TO LIST JEFFERSON PARISH AS AN ADDITIONAL <input type="checkbox"/> Alt.#__ INSURED ON CONTRACTOR'S GENERAL LIABILITY INSURANCE				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0150	1.00	EA	\$0.00	\$0.00

DESCRIPTION: <input checked="" type="checkbox"/> Base Bid 0160 COST TO CONTRACTOR TO LIST JEFFERSON PARISH AS AN ADDITIONAL <input type="checkbox"/> Alt.#__ INSURED ON CONTRACTOR'S AUTOMOTIVE INSURANCE				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
0160	1.00	EA	\$0.00	\$0.00

DESCRIPTION: <input type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

DESCRIPTION: <input type="checkbox"/> Base Bid <input type="checkbox"/> Alt.#__				
REF NO.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)

Wording for "DESCRIPTION" is to be provided by the Owner. All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

📍 600 North Street, Baton Rouge, 70802 📞 (225) 765-2301 🗨️ Text-To-Verify: 1 (855) 999-7896 

Louisiana State Licensing Board for Contractors

Contractor Information

Business Name NORTEX CONCRETE LIFT & STABILIZATION, INC.
Mailing Address P. O. Box 4935
 Fort Worth, TX 76164
Phone Number (817) 831-1240
Fax Number (817) 831-1245
Email Address slmpsonskcm@yahoo.com
Website <http://www.nortexcocretelift.com>

Active Licenses

License Number 41567
Type Commercial License
Status LICENSED
Effective 01/22/2020
Expiration 01/21/2022
First Issued 01/21/2004

Classifications

Class	Qualifying Party	Parishes
BUSINESS AND LAW	William I. Franklin	ALL
SPECIALTY: UNDERSEALING OR LEVELING OF ROADS	William I. Franklin	ALL

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF NORTEX CONCRETE LIFT & STABILIZATION, INCORPORATED.

AT THE MEETING OF DIRECTORS OF NORTEX CONCRETE LIFT & STABILIZATION, INC., INCORPORATED, DULY NOTICED AND HELD ON JANUARY 06, 2020. A QUORUM BEING THERE PRESENT, ONE MOTION DULY MADE AND SECONDED. IT WAS

RESOLVED: THAT DAVID SIMPSON, 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 ALL CITIES AND STATES OF 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 AND RECEIPT THEREFORE 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 AND 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 RESCENDED.



William I. Franklin, President

1/7/2020
DATE

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

Public Works Bid

AFFIDAVIT

STATE OF Texas

PARISH/COUNTY OF Tarrant

BEFORE ME, the undersigned authority, personally came and appeared: David Simpson, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized GM of Nortex Concrete Lift + Stabilization (Entity), the party who submitted a bid in response to Bid Number 50-0029087 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.

Affiant further said:

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

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.

Affiant further said:

Affiant personally has not been convicted of, nor has he/she entered into a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. No individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the Bidding Entity, has been convicted of, or has entered a plea of guilty or nolo contendere to any of the crimes or equivalent federal crimes listed below. A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall permanently bar any person or the bidding entity from bidding on public projects:

- (a) Public bribery (R.S. 14:118)
- (b) Corrupt influencing (R.S. 14:120)
- (c) Extortion (R.S. 14:66)
- (d) Money laundering (R.S. 14:230)

A conviction of or plea of guilty or nolo contendere to the following state crimes or equivalent federal crimes shall bar any person or the bidding entity from bidding on public projects for a period of five years from the date of conviction or from the date of the entrance of the plea of guilty or nolo contendere:

- (a) Theft (R.S. 14:67)
- (b) Identity Theft (R.S. 14:67, 16)
- (c) Theft of a business record (R.S. 14:67.20)
- (d) False accounting (R.S. 14:70)
- (e) Issuing worthless checks (R.S. 14:71)
- (f) Bank fraud (R.S. 14:71.1)
- (g) Forgery (R.S. 14:72)
- (h) Contractors; misapplication of payments (R.S. 14:202)
- (i) Malfeasance in office (R.S. 14:134)

The five-year prohibition provided for in this section shall apply only if the crime was committed during the solicitation or execution of a contract or bid awarded pursuant to these provisions. If evidence is submitted substantiating that a false attestation has been made and the project must be readvertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the costs of rebidding, additional costs due to increased costs of bids and any and all delay costs due to the rebid or cancellation of this project.

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

Affiant further said:

- (1) Entity is registered and participates in a status verification system to verify that all employees in the State of Louisiana are legal citizens of the United States or are legal aliens.
- (2) Entity shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the State of Louisiana.
- (3) Entity shall require all subcontractors to submit to the Entity a sworn affidavit verifying compliance with statements (1) and (2).



Signature of Affiant

David Simpson

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 18th DAY OF February, 2020.



Notary Public

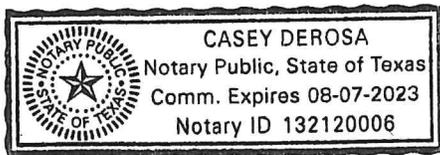
Casey DeRosa

Printed Name of Notary

13212000-6

Notary/Bar Roll Number

My commission expires 08/07/2023.





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/20/2020

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 Bondtex Agency 147 West Main Azle, TX 76020	CONTACT NAME: Faith Lane PHONE (A/C, No, Ext): (817)747-2663 E-MAIL ADDRESS: faith@bondtexagency.com FAX (A/C, No): 1(888)789-6244
	INSURER(S) AFFORDING COVERAGE NAIC #
INSURED Nortex Concrete Lift & Stabilization, Inc. David Simpson 201 NW 26th St. Fort Worth, TX 76164	INSURER A : All Risks/Admiral Insurance Company
	INSURER B : Texas Mutual Insurance Company
	INSURER C : Admiral Insurance company
	INSURER D :
	INSURER E :
	INSURER F :

COVERAGES **CERTIFICATE NUMBER: 00003890-1580929** **REVISION NUMBER: 132**

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 checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	CA000017139-08	11/09/2019	11/09/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 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 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y	Y	GX000000186-04	11/09/2019	11/09/2020	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	0002041319	12/09/2019	12/09/2020	<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
C	UMBRELLA			MKL4EUE100269	12/12/2019	11/09/2020	4,000,000

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

CERTIFICATE HOLDER**CANCELLATION**

Nortex Concrete Lift & Stabilization, Inc.
201 NW 26th St.
Fort Worth, TX 76164

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

Faith Lane

(FZL)

© 1988-2015 ACORD CORPORATION. All rights reserved.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/26/2020

PRODUCER
HALEY CARTER STATE FARM
328 W MAIN ST., STE 1
AZLE, TX 76020

THIS CERTIFICATE IS ISSUED AS MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.



INSURED
NORTEX CONCRETE LIFT & STABILIZATION, INC.
201 NW 26TH ST
FORT WORTH, TX 76164

INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: State Farm Mutual Auto Insurance Company 25178

INSURER B:

INSURER C:

INSURER D:

INSURER E:

COVERAGES

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
		GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
A	X	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	96 0737-A01-43	07/01/19	07/01/20	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
		OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
JUDY BUTLER, SSA

This report contains an Industrial Hygiene Review of
Personnel, Production Vehicle and Job-Site Safety
Of the Lift and Stabilization Process performed by

Nortex Concrete Lift and Stabilization, Inc.
201 NW 26th St
Fort Worth, TX 76164

Review performed on April 3, 2009
Michele D. Smith, CIH
ABIH#: 7882



Michele D. Smith, CIH
845 Edgehill Rd
Burleson, TX 76028
817.366.2342

INTRODUCTION

Michele Smith, CIH performed a review of the lift and stabilization process used by Nortex Concrete Lift and Stabilization. The review included a personnel review, a production vehicle review and a job-site safety review of the implementation of the procedures involving the polyurethane component system.

Nortex Concrete Lift and Stabilization (Nortex) is a licensed contractor that specializes in lifting and stabilizing concrete panels using specialized polyurethane foam systems. The process is designed for lifting curb sections, re-aligning mismatched joints along highways and streets, raising and stabilizing bridge approaches and departures, repairs to airport runways and taxiways, soil densification, residential and commercial concrete slab repair, etc.

TECHNICAL APPROACH

The basic process involves using a box truck as a mobile unit. The crew chief performs a checklist inspection of the truck and truck contents before the start of each day. A diesel-mounted generator is contained in a front section of the box and is exhausted to the outside air. The 'generator room' also has a door to close it off from the remaining portion of the box and decrease noise levels in the direction of the workers. Two plastic totes within wire cages, with a holding capacity of 2500 pounds of product each, contain the two liquid parts of the polyurethane product. A drill is used to create a 5/8" diameter hole into the surface that is to be leveled. A tight fitting gun sleeve is inserted into the hole. The product is pumped through two separate hoses using an air gun and through the tube that is inserted into the drilled hole, and into the void spaces beneath the surface. The two parts meet at the discharge gun and are injected at approximately 1000 psi. The two parts take approximately 15-20 seconds to react and then to expand the polyurethane foam into the void spaces beneath the surface. A lifting gauge is used to determine when the product is beginning to fill the void and to raise the surface. The product is pumped into the space until the area reaches its desired lift. Once the surface has been lifted to the required level, a non-expansive concrete grout is used to seal the hole.

Depending on the size of the area to be lifted, terrain, amount of lift necessary, and any other physical parameters known about the area, holes are drilled at six to eight foot intervals throughout the area. Depending on the size of the panel to be lifted, two guns may be used to simultaneously lift a larger area to ensure the most effective and even lift of the panel.

MATERIALS REVIEWED

- Nortex Work Plan
- Nortex Statement of Policy (commitment to Safety)
- Nortex Equipment List
- Technical data sheet for the NCFI 24-003 (urethane foam system) from the manufacturer
- MSDSs for NCFI R-24-003 (polyurethane resin) and NCFI ES A-24-0003 (Polymeric MDI) [2 parts of the system]
- A report by BaySystems North America, LLC as to the environmental impact of the polyurethane foam, and its possible effects of leaching

- Visually reviewed the entire process: from marking the area off through sealing with concrete grout and cleaning the area

SUMMARY OF FINDINGS

The process was observed beginning with a review of the area to be lifted. Employees considered the area and determined safety measures to be taken before beginning work. Employees wore high visibility vests and hard hats, marked the area off with orange cones, and made decisions with safety as a high priority throughout the process. The crew had a person designated as the safety representative. Through interviewing the persons performing the work, and the safety representative, employees demonstrated they were familiar with the safety protocol for the process. Employees verified that safety training is a part of their weekly meetings. Crew chiefs verified that the checklist is performed before each work-day. Employees are provided with high visibility vests, hardhats, gloves, safety glasses, and hearing protection which are worn throughout the process. Employees supply their own safety shoes that are also required for this operation.

The process was performed using the recommendations found in the Technical Data Sheet provided by the manufacturer of the product being used. The personal protective equipment used was appropriate based on the safety hazards of the area and the physical hazards of the material, according to the MSDSs for the components of the product. A portable eyewash station is mounted within the box truck as a safety measure. The work area is outdoors and is well ventilated. No odor was apparent during the review. The hoses transporting the two components to the gun, as well as the air hose, are all bound in an insulating foam encasing and sealed with tape to protect the hoses from physical damage through friction or sharp edges.

Conclusion

No additional hazards were identified that were not already addressed in the process. No additional recommendations were identified. No additional personal protective equipment or protective measures against personnel exposure were identified.

Michele Smith, CIH cannot predict what will happen in the future. I have made every reasonable effort, based on the information supplied to me, through the visual demonstration of the process and written documents, to provide an accurate report. Michele Smith, CIH accepts no liability for any incident or regulatory impact that occurs through this process, either directly or indirectly.

Nor-Fill Grout

Product Description:

Nor-fill Grout is a two component, closed cell polyurethane hydrophobic grout system used for soil stabilization, lifting foundations, road beds, driveways or any surface that needs to be secured or lifted to grade. The product is formed by the reaction of a resin blend and polymeric methylene diphenyl diisocyanate. The resin blend is comprised of polyols, additives and blowing agents. The unique composition of Nor-Fill Grout allows the material to perform well in wet environments frequently found below grade.

Typical Chemical Attributes:

	<u>Isocyanate</u>	<u>Resin</u>
Viscosity	190 cps	820 cps
Density	10.3 lbs./gal	8.5 lbs./gal
Appearance	brown liquid	dark grey liquid

Typical Reaction Profile:

	Hand Mix @ 72 °F	Machine Mix @120°F
Cream Time (sec)	19	7
Gel Time (sec)	70	-
Tack Free Time (sec)	90	14-16
Rise Time (sec)	110	20-22
Density (Free Rise)	4.1 pcf	3 - 4 pcf

Typical Physical Properties:

Restrained Core Density (ASTM D1622)	5.3 pcf
Compressive Strength (ASTM D1621)	85 psi
Tensile Strength (ASTM D1623)	105 psi
Closed Cell Content (ASTM 2856)	>93%
Water Absorption (ASTM D2842)	<0.04 lbs./sq.ft.
Dimensional Stability (ASTM D2126)	Volume change
Heat age, 93°C, 7 days	- 1.6%
Humid age 70°C, 97% R.H. 7 days	- 1.0%
Cold age, -40°C, 7 days	0.1%
Resistance to Solvents	Excellent
Resistance to Mold and Mildew	Excellent
Maximum Service Temperature	200°F

*These are typical values obtained from laboratory experiments and are provided as general information only.

Processing Parameters:

Nor-Fill is designed to be applied by trained contractors using high pressure, plural component proportioners. The proportioner must be able to maintain the designed temperature and pressure for Nor-Fill Grout™ products:

Pressure	1000 to 1750 psi
Pre-heater temperature	95 to 125°F
Hose temperature	95 to 125°F

Optimal settings will vary with proportioner, hose dimensions, gun configuration and ambient conditions. It is critical for installers to understand the limitations associated with their equipment.

Storage & Shelf Life:

Nor-Fill Grout™ components have an optimal shelf life of 6 months when stored in unopened containers at temperature between 50° and 70°F. Excessively high temperatures may reduce optimal shelf life. Store the isocyanate and the resin components in a conditioned area, away from exposure to direct sun light and precipitation. Keep material containers tightly closed. Material in opened containers should be kept under a blanket of dry air or nitrogen.

Store material at 70° – 80°F for 48 hours prior to application.

Safety and Handling Information:

It is critical to read and become familiar with the Material Safety Datasheets prior to working with Nor-Fill Grout™ liquid components. When handling these materials and during application, always use appropriate personal protective equipment. Avoid prolonged breathing of vapors; avoid contact with skin, eyes and mucous membranes. In case of chemical contact with eyes, flush with water for at least 15 minutes and get medical attention. For more information, consult the Material Safety Datasheets.

The descriptions, data, designs and information contained herein are presented in good faith and believed to be accurate. This information is provided for guidance ONLY. Many factors will affect the processing or application of Delta Urethanes LLC products. It is necessary that you make tests to determine ultimate suitability for Delta Urethanes LLC products for your particular application. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described, data or designs presented. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You expressly agree to release Delta Urethanes LLC from all liability in tort or contract based on the technical information provided. All such information is accepted at your own risk.

NorFill Grout 4.0 (B-Component)

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Product Name / Trade Name	NorFill Grout 4.0 – B-Component
CAS No.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Component for the manufacture of polyurethane polymers
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Delta Urethanes, LLC 4008 Louetta Road # 464 Spring, Texas 77388 United States of America
Telephone	(832) 827-2925
Emergency telephone number	(800) 424-9300 CHEMTREC Phone number is available days, nights, weekends, & holidays.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Eye Irrit. 2
-----------------------------	--------------

Label elements

Hazard Symbol



Signal word(s)

WARNING

Hazard Statement(s)

Causes serious eye irritation.

Precautionary Statement(s)

Wash hands and exposed skin after use.
Wear protective gloves/protective clothing/eye protection/face protection.

Other hazards

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Proprietary polyol blend	40 - 97	Trade Secret	Eye Irrit. 2; H319
2,2'-oxydiethanol	< 1	111-46-6	Acute Tox. 4; H302 Skin Corr. 1B; H314 STOT RE 2; H373
Sodium N-[(2-hydroxy-5-nonylphenyl)	0.5 - 3	56968-08-2	

NorFill Grout 4.0 (B-Component)

methyl]-N-methylaminoacetate			Eye Irrit. 2; H319
1,4-diazabicyclooctane	< 1	280-57-9	Flam. Sol. 1; H228 Acute Tox. 4; H302 Skin Irrit. 2; H319 Eye Dam. 1; H318

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Not normally required. Get medical advice/attention if you feel unwell.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Not normally required. Get medical advice/attention if you feel unwell.
Most important symptoms and effects, both acute and delayed	None
Indication of any immediate medical attention and special treatment needed	None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media	
-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	None known
Special hazards arising from the substance or mixture	None known
Advice for fire-fighters	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin and eyes.
Environmental precautions	Prevent liquid entering sewers, basements and work pits.
Methods and material for containment and cleaning up	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
Reference to other sections	None
Additional Information	None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes.
--------------------------------------	-----------------------------------

NorFill Grout 4.0 (B-Component)

Specific Gravity	1.03
Solubility (Water)	Soluble
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt)	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated
Conditions to avoid	Incompatible materials.
Incompatible materials	None anticipated
Hazardous decomposition product(s)	None anticipated

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects (by analogy with similar materials):

Acute toxicity (estimated / calculated)	Oral: LD50: > 2000 mg/kg (rat) Dermal: LD50: > 2000 mg/kg (rabbit) Inhalation: LC50: > 5 mg/L (4 hr) (rat) (aerosol)
Corrosivity / Irritation	Causes serious eye irritation.
Sensitization	Not to be expected.
Repeated dose toxicity	Not to be expected.
Mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Toxicity for reproduction	Not to be expected.
Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity (estimated / calculated)	LC50(96 hour): >100 mg/l (fish) EC50(48 hour): >100 mg/l (Daphnia magna) EC50 (72 hour):> 100 mg/l (algae)
Long Term Toxicity	No data.
Persistence and degradability	No data.
Bioaccumulative potential	No data.
Mobility in soil	No data.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

NorFill Grout 4.0 (B-Component)

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name	Not classified as dangerous for transport.		
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories:

Fire
 Sudden Release
 Reactivity
 Immediate (acute)
 Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

NorFill Grout 4.0

(B-Component)

Revision: 0
Page 6 of 6

Date of preparation: March 7, 2017

Hazard Statement(s) Listed in: SECTION 3

- H228: Flammable solid
- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H373: May cause damage to organs through prolonged or repeated exposure.

Additional Information: None.

The descriptions, data, designs and information contained herein are presented in good faith and believed to be accurate. This information is provided for guidance ONLY. Many factors will affect the processing or application of Delta Urethanes, LLC products, it is necessary that you make tests to determine ultimate suitability for Delta Urethanes, LLC products for your particular application. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described, data or designs presented. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You expressly agree to release Delta Urethanes, LLC from all liability in tort or contract based on the technical information provided. All such information is accepted at your own risk.

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
Product Name / Trade Name	NorFill Grout 4.0 – A Component
CAS No.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Component for the manufacture of polyurethane polymers
Uses Advised Against	None

Details of the supplier of the safety data sheet

Company Identification	Delta Urethanes, LLC 4008 Louetta Road #464A Spring, Texas 77388 United States of America
------------------------	----------------------------------------------------------------------------------------------------

Telephone	(832) 827-2925
-----------	----------------

Emergency telephone number	(800) 424-9300 CHEMTREC Phone number is available days, nights, weekends, & holidays.
----------------------------	---------------------------------------------------------------------------------------

SECTION 2: HAZARDS IDENTIFICATION

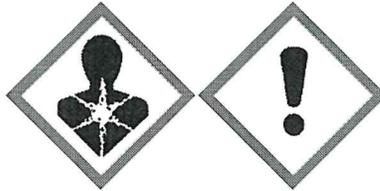
Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Acute Tox. 4; Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Resp. Sens. 1; STOT SE 3; STOT RE 2

Label elements

Hazard Symbol



Signal Word(s)

DANGER

Hazard Statement(s)

H332: Harmful if inhaled.
H319: Causes serious eye irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H372: Causes damage to organs through prolonged or repeated exposure. Inhalation, respiratory system.

Precautionary Statement(s)

Prevention	<p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P260: Do not breathe dust/fume/gas/mist/vapors/spray.</p> <p>P271: Use only outdoors or in a well-ventilated area.</p> <p>P285: In case of inadequate ventilation wear respiratory protection.</p> <p>P264: Wash (hands and exposed skin) thoroughly after handling.</p> <p>P270: Do not eat, drink or smoke when using this product.</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace.</p>
Response	<p>P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P363: Wash contaminated clothing before reuse.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P310: Immediately call a POISON CENTER/doctor.</p> <p>P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor.</p> <p>P314: Get medical advice/attention if you feel unwell.</p>
Storage	<p>P403+P233: Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405: Store locked up.</p>
Disposal	<p>P501: Disposal should be in accordance with local, state or national legislation.</p>
Other hazards	None
Additional Information	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	%W/W	CAS No.	Hazard Statement(s)
Polymethylene polyphenyl isocyanate (PMDI)	30 - 70	9016-87-9	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334
4,4'-Methylenediphenyl diisocyanate (MDI)	30 - 70	101-68-8	Skin Sens. 1; H317 STOT SE 3; H335 STOT RE 1; H372

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation (redness, rash, blistering) develops, get medical attention. Wash contaminated clothing before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
Most important symptoms and effects, both acute and delayed	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Indication of any immediate medical attention and special treatment needed	IF SWALLOWED: Immediately call a POISON CENTER/doctor.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with water spray, dry chemical, sand or carbon dioxide.
-Unsuitable Extinguishing Media	None anticipated.

Special hazards arising from the substance or mixture

Water contamination of product will cause generation of carbon dioxide. Reacts vigorously with water at temperatures above 50 °C. Polymeric MDI decomposes rapidly above 204°C. Closed containers may rupture violently when heated. Forms: carbon monoxide, carbon dioxide, hydrogen cyanide, 4,4'-methylene dianiline, and nitrogen oxides.

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Put on protective equipment before entering danger area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

Environmental precautions

Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible prevent water running into sewers.

Reference to other sections Additional Information

None
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin after use. Do not breathe dust / fume / gas / mist / vapors / spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation wear respiratory protection.

Conditions for safe storage, including any incompatibilities

-Storage temperature	Store at room temperature. Keep container tightly closed and in a well-ventilated place.
-Incompatible materials	Water, acids, bases, amines, alcohols, organotin catalysts, amides,

phenols, mercaptans, urethanes, ureas, surfactants and detergents, and metal compounds. All can react vigorously and violently with this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
4,4'-Methylenediphenyl diisocyanate	101-68-8	-----	0.005 ppm	0.02 ppm, ceiling	-----	-----

- STEL: Short Term Exposure Limit

Exposure controls

Appropriate engineering controls

Aerosol or mist formation: Local exhaust ventilation is required.

Personal protection equipment

Eye/face protection



Goggles giving complete protection to eyes.

Skin protection (Hand protection/ Other)



Gloves (Butyl rubber or Neoprene). **The following to be used as necessary:** Suitable protective clothing. Check with protective equipment manufacturer's data.

Respiratory protection



Aerosol or mist formation: In case of inadequate ventilation wear respiratory protection. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Viscous liquid
Color	Dark brown
Odor	Musty, Earthy odor
Odor Threshold (ppm)	Not available.
pH (Value)	Not available.
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	>204 (Decomposes)
Flash Point (°C)	230 (446°F)
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not available.
Vapour pressure (Pascal)	0.013 @40°C
Vapour Density (Air=1)	Not available
Density (g/ml)	1.25 @ 25°C (10.43 lb/gal @ 25°C)
Specific Gravity	1.25

Solubility (Water)	Insoluble
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	230 (446°F)
Decomposition Temperature (°C)	>300
Kinematic Viscosity (cSt)	160 +/- 40 @25°C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	Polymethylene polyphenyl isocyanate (PMDI) may undergo uncontrolled exothermic polymerization upon contact with incompatible materials or if heated above 175 - 204°C. The resulting pressure build-up could rupture closed containers. May cause some corrosion to copper alloys and aluminum.
Conditions to avoid	Incompatible materials. Avoid contact with: heat and direct sunlight. Protect from moisture.
Incompatible materials	Water, acids, bases, amines, alcohols, organotin catalysts, amides, phenols, mercaptans, urethanes, ureas, surfactants and detergents, and metal compounds. All can react vigorously and violently with this material.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours; acrid smoke. . Forms: carbon monoxide, carbon dioxide, hydrogen cyanide, 4,4'-methylene dianiline, and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (estimated / calculated)	Oral: LD50: > 2000 mg/kg (rat) Dermal: LD50: > 2000 mg/kg (rat) Inhalation: 0.3 - 0.49 mg/L
Corrosivity / Irritation	Causes skin irritation. Causes serious eye irritation.
Sensitization	May cause sensitization by skin contact. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Repeated dose toxicity	Causes damage to organs through prolonged or repeated exposure: Inhalation, Respiratory system
Mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Toxicity for reproduction	Not to be expected.
Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity

LC50(96 hour): >100 mg/l (fish)
EC50(48 hour): >100 (Daphnia magna)
EC50 (72 hour): >100 mg/l (algae)

Long Term Toxicity

No data.

Persistence and degradability

Not readily biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

The product has low mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT) *	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not regulated for ground shipments in non-bulk (<119 gallons) packaging or in quantities below the Reportable Quantity	Not classified as dangerous for transport.	
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

* For bulk packages: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (contains 4,4'-Methylenediphenyl diisocyanate (MDI)), 9, III, RQ.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
4,4'-Methylenediphenyl diisocyanate	101-68-8	30 - 70	5000

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Polymethylene polyphenyl isocyanate	9016-87-9	30 - 70
4,4'-Methylenediphenyl diisocyanate	101-68-8	30 - 70

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
---------------	---------	--------------	-------------	--------------

None	-----	-----	-----	-----
------	-------	-------	-------	-------

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Date of preparation: August 16, 2017

Hazard Statement(s) Listed in: SECTION 3

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335: May cause respiratory irritation.
- H372: Causes damage to organs through prolonged or repeated exposure: Inhalation, respiratory system.

Additional Information: None.

The descriptions, data, designs and information contained herein are presented in good faith and believed to be accurate. This information is provided for guidance ONLY. Many factors will affect the processing or application of Delta Urethanes, LLC products, it is necessary that you make tests to determine ultimate suitability for Delta Urethanes, LLC products for your particular application. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described, data or designs presented. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You expressly agree to release Delta Urethanes, LLC from all liability in tort or contract based on the technical information provided. All such information is accepted at your own risk.



201 NW 26th St.
Fort Worth, TX 76164
(817) 831-1240 office
(817) 831-1245 fax

RAISING & UNDERSEALING CONCRETE PAVEMENT SCOPE OF WORK AND QUALITY CONTROL PLAN

Nortex Concrete Lift & Stabilization, Inc. is committed to maintaining an effective Quality Control Plan that reinforces our commitment to deliver a consistent high quality product and service to our customers.

This plan addresses the following:

Equipment

Work Site Preparations

Construction Methods

Monitoring Procedures

Clean Up Procedures

Spill Clean Up Procedures

Material Information

Equipment: A listing of lifting and undersealing equipment, this list is a minimum and shall not preclude the use of additional equipment.

- A. Pneumatic drills and electric drills capable of drilling 5/8-inch diameter holes.
- B. Truck mounted pumping units (Gusmer H20/35 Hydraulic Proportioner Pumps) capable of injecting high-density polyurethane foam between the concrete pavement and the sub-base, and capable of controlling the rate of rise of the pavement.
- C. Hilti Self Leveling Laser Level unit and lifting gages to ensure that pavement is lifted to an even plane.

Work Site Preparations: Shall be specified per contract documents and/or general accepted practices and procedures.

- A. The contractor shall review a profile of the pavement and footing provided by the owner to determine where the slab and footing need to be raised or void filled.

Construction Methods:

- A. Drilling: A series of 5/8" holes shall be drilled at four to six foot intervals through the concrete pavement. The contractor will determine the exact location and spacing of holes based on site conditions and scope of work.
- B. Injecting: The injector on the discharge guns shall make a tight seal in the injection hole. The polyurethane foam is two-component mixtures that meet at the discharge gun and is injected beneath the concrete pavement with approximately 1000 psi. The polyurethane foam initially remains in liquid form for approximately 15 – 20 seconds, which allows the material to move laterally beneath the concrete filling all voids in the area. The polyurethane foam then begins to set up and expand into its solid form exerting the necessary lifting force.

Monitoring Procedures:

- A. Controlling rise: The amount of rise shall be controlled using the pumping unit, by regulating the rate of injection of material. Lifting gages and Laser shall be used to monitor the rise and ensure pavement is lifted to an even plane. Mix Ratio's on Gages must be monitored periodically to ensure proper mixture of material being pumped along with monitoring of heat to keep foam somewhere in the vicinity of 80 to 140 degrees Fahrenheit (depending on outside air temperature).
- B. Drain inlets, asphalt shoulders, MSE walls, etc...will be monitored frequently to ensure material below ground has not traveled to an area it is not intended to go.
- C. Supervisor shall be on site during entire operation and be fully trained in mechanical operation of equipment. Supervisor shall be responsible for safety of his crew at all times and responsible for monitoring lifting procedures.

Clean Up Procedures:

- A. All excess polyurethane material will be removed from the job site.
- B. All injections holes will be re-drilled to a depth of 2-3" and then non shrink cementitious grout will be to close over all holes.
- C. Entire work area will be cleaned and cleared to properly restore the operation lane.

Spill Clean Up Procedures:

- A. Entire area of spill to be covered and dispersed evenly with absorbent material kept on hand.
- B. After setting phase absorbent material is cleaned up and disposed of in thick trash bags and tied off for proper disposal.
- C. Process can be repeated until spill is sufficiently cleaned.

Material Information:

- A. All material used is certified for compliance with all state, and local authorities pertaining to the contract documents or special provisions.



201 NW 26th St.
 Fort Worth, TX 76164
 (817) 831-1240 office
 (817) 831-1245 fax

COMPLETED DEPT OF TRANS JOBS/ REFERENCE LIST 2012-PRESENT

<u>PROJECT</u>	<u>DATE</u>	<u>AMOUNT</u>
OKLAHOMA DEPT OF TRANSPORTATION POB 53448 OKLAHOMA CITY, OK 73152 FAX 405/521-3789 OFFICE 405/521-2112 CONTACT: JOHN W. MORRISON	2006-2016 STATEWIDE CONTRACT AVG. ANNUAL AMOUNT	\$1,000,000.00
OKLAHOMA TURNPIKE AUTHORITY PO BOX 11357 OKLAHOMA CITY OK 73136 CONTACT MIKE COLE	2006-2016 STATEWIDE CONTRACT AVG. ANNUAL AMOUNT	\$350,000.00
ARKANSAS HIGHWAYS AND TRANSPORTATION LITTLE ROCK, AR DIPS/BRIDGE APPROACH SLABS CONTACT BRUCE STREET 870-251-2374	2011-2016 STATEWIDE CONTRACT AVG. ANNUAL AMOUNT	\$350,000.00
TEXAS DEPT OF TRANSPORTATION DALLAS COUNTY MAINTENANCE CONTRACT CONTACT DANNY CLANTON 972-263-1387 DIPS BRIDGE APPROACHES	2012-2013	\$1,000,000.00
GOOD HOPE CONTRACTING - ALDOT FORT PAYNE, AL CONTACT JOHN BROWN 256-734-7735 UNDERSEALING	JAN 2012	\$695,540.00
JEFFERSON PARISH NEW ORLEANS, LA CONTACT DAVE MACALUSO 504-481-4140 RAISING/UNDERSEALING	2012-2014 2014-2016 2016-2018	\$439,000.00 \$442,000.00 \$300,000.00

GOOD HOPE CONTRACTING - ALDOT FORT PAYNE, AL CONTACT JOHN BROWN 256-734-7735 UNDERSEALING	MAR 2012	\$1,800,000.00
JACKSON PAVING ALDOT FORT PAYNE ALABAMA CONTACT RON JACKSON UNDERSEALING	2012-2013	\$6,823,849.00
TEXAS DEPT OF TRANSPORTATION TARRANT CO FORT WORTH, TX CONTACT MIKE SEPEDA 817-232-3280 BRIDGE APPROACHES, DIPS	JUNE 2012	\$364,159.00
NORTH TEXAS TOLLWAY AUTHORITY DALLAS CO DALLAS, TX CONTACT ABDUL QUIDDAS 972-447-3312 BRIDGE APPROACHES	AUG 2012	\$316,450.00
KANSAS DEPT OF TRANSPORTATION AREA ONE DISTRICT IV 101 GAGE BLVD TOPEKA KS CONTACT JOAN SMITH	JAN 2013	\$281,250.00
TEXAS DEPT OF TRANSPORTATION EAST HARRIS CO HOUSTON, TX CONTACT SCOTT FISHER 713-636-7400 BRIDGE APPROACHES, DIPS	JUNE 2013	\$560,818.00
TEXAS DEPT OF TRANSPORTATION NORTH HARRIS CO HOUSTON, TX CONTACT REGINALD PHIPPS 281-319-6450 BRIDGE APPROACHES, DIPS	JULY 2013	\$513,517.00
BASS CONSTRUCTION - LADOTD BOSSIER CITY, LA CONTACT JAMES BREWER 318-548-8429 BRIDGE APPROACHES	OCT 2013	\$64,490.00
TEXAS DEPT OF TRANSPORTATION TARRANT CO FORT WORTH, TX CONTACT RALPH GARZA 817-370-6500 DIPS	JAN 2014	\$72,300.00
TEXAS DEPT OF TRANSPORTATION DALLAS CO. CONTACT MICHEAL CHAVEZ 972-235-3314 DIPS HWY 161	MARCH 2014	\$159,000.00
PROGRESSIVE CONST. - LADOTD SHREVEPORT, LA CONTACT ROBERT BIRDWELL 318-446-2069 BRIDGE APPROACHES	MARCH 2014	\$81,366.00

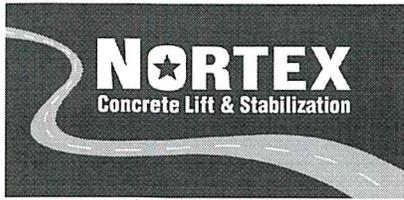
KANSAS DEPT OF TRANSPORATION DISTRICT 1 TOPEKA, KS CONTACT NATHAN ANSTEY 620-342-5402 BRIDGE APPROACHES, DIPS	MAY 2014	\$431,250.00
FORBY CONTRACTING - LADOTD ALEXANDRIA, LA BRIDGE APPROACHES/DIPS CONTACT RANDY RIMER 320-385-0042	JUNE 2014	\$217,303.00
ROY JORGENSEN ASSOCIATES DALLAS CO CONTACT JIMMIE MILES 469-475-9579 DIPS HWY 161 - FRONTAGE ROAD	JULY 2014	\$300,000.00
TEXAS DEPT OF TRANSPORTATION ORANGE CO BRIDGE APPROACH SLABS CONTACT WILLIE CELENSTINE SR 409-924-6525	SEPT 2014	\$409,197.00
DBI SERVICES - TXDOT HILL CO DIPS CONTACT JON-DAVID JENKINS 254-848-4139	NOV 2014	\$60,909.00
TEXAS DEPT OF TRANSPORTATION HARRIS CO BRIDGE APPROACH SLABS/DIPS/UNDERSEALING CONTACT PAUL ELEY 281-536-3129	JAN 2015 – JUNE 2015	\$5,385,343.00
TEXAS DEPT OF TRANSPORTATION DALLAS CO DIPS AND UNDERSEALING CONTACT MICHAEL THOMAS 972-235-3314	AUG 2015	\$339,589.00
NORTH TEXAS TOLLWAY AUTHORITY DALLAS NORTH TOLLWAY BRIDGE APPROACH SLABS CONTACT: ELI LERMA	AUG 2015	\$164,028.00
CTRMA (AUSTIN, TX TOLLWAY AUTHORITY) HWY 290 BRIDGE APPROACH SLABS/DIPS CONTACT MICHELLE STRACENER 512-342-3239	SEPT 2015	\$112,387.00
OK DEPT OF TRANSPORTATION VARIOUS DISTRICTS BRIDGE APPROACH SLABS/DIPS/UNDERSEALING CONTACT VARIES	OCT 2015	\$368,878.00
TEXAS DEPT OF TRANSPORTATION MCCLENNON CO BRIDGE APPROACH SLABS CONTACT BRUCE JOHNSON 254-230-7296	JAN 2016	\$108,755.00

OKLAHOMA TURNPIKE AUTHORITY H.E. BAILEY TURNPIKE DIPS AND UNDERSEALING CONTACT KEVIN SIMPSON	APRIL 2016	\$169,688.00
ARKANSAS HIGHWAYS DEPARTMENT VARIOUS DISTRICTS BRIDGE APPROACH SLABS/DIPS/UNDERSEALING CONTACT VARIES	APRIL 2016	\$181,801.00
TJ CAMPBELL CONSTRUCTION ODOT- DISTRICT #4 BRIDGE APPROACHES/JOINT SEALING CONTACT: ADAM HODGES 405-620-1831	MAY 2016	\$102,087.00
WEBBER, LLC HWY 290 EXPRESSWAY BRIDGE APPROACHES/VOID FILLING AT RETAINING WALLS CONTACT: EMILIO CHAPA 346-305-1955	JUNE 2016	\$68,476.00
CORNERSTONE PAVING AND CONSTRUCTION TXDOT-BRENNHAM TX OFFICE HWY 290 BRIDGE APPROACH SLABS CONTACT: DAVID BAKER 979-412-1111	JULY 2016	\$214,404.00
CTRMA (AUSTIN, TX TOLLWAY AUTHORITY) HWY 290 BRIDGE APPROACH SLABS/DIPS CONTACT JOHN JONES (512) 568-2285	AUGUST 2016	\$147,857.00
TEXAS DEPT OF TRANSPORTATION MONTGOMERY CO BRIDGE APPROACH SLABS/DIPS CONTACT: BRYCE SHULER (936) 538-0022	SEPT 2016	\$501,513.00
NORTH TEXAS TOLLWAY AUTHORITY DALLAS NORTH TOLLWAY, SAM RAYBURN TOLLWAY BRIDGE APPROACH SLABS/DIPS CONTACT: ELI LERMA	OCT 2016	\$184,644.00
DBI SERVICES - TXDOT WACO MCCLENNAN CO BRIDGE APPROACHES CONTACT JON-DAVID JENKINS 254-848-4139	JAN 2017	\$108,640.00
LANE CONSTRUCTION COMPANY - TXDOT WACO MCCLENNAN CO BRIDGE APPROACHES/ JOINT SEALING CONTACT ERNEST TRUSSELL	FEB 2017	\$119,750.00
KANSAS DEPT OF TRANSPORTATION DISTRICT ONE BRIDGE APPROACH SLABS/DIPS CONTACT: CLINTON PROSE	MARCH 2017	\$163,800.00

OK DEPT OF TRANSPORTATION DISTRICT 1 VOID FILLING/UNDERSEALING CONTACT: JON ARPS 918-687-5407	APRIL 2017	\$439,642.00
ARKANSAS HIGHWAYS DEPARTMENT VARIOUS DISTRICTS BRIDGE APPROACH SLABS/DIPS/UNDERSEALING CONTACT: BRUCE STREET DIST. 5	MAY 2017	\$316,780.00
MISSISSIPPI DEPT OF TRANSPORTATION BARRIERE CONSTRUCTION VOID FILLING/UNDERSEALING CONTACT: BARRIERE CONSTRUCTION	MAY 2017 – JULY 2017	\$1,614,384.00
OK DEPT OF TRANSPORTATION DISTRICT 1 VOID FILLING/UNDERSEALING CONTACT: JON ARPS 918-687-5407	AUGUST 2017	\$217,552.00
CTRMA (AUSTIN, TX TOLLWAY AUTHORITY) HWY 290 BRIDGE APPROACH SLABS/DIPS CONTACT JOHN JONES (512) 568-2285	AUGUST 2017	\$155,927.00
CITY OF MCKINNEY, TX AIRPORT RD AND EL DORADO RD VOID FILLING/UNDERSEALING CONTACT EDDIE GARZA	SEPT 2017	\$560,000.00
WILLIAMS BROTHERS CONSTRUCTION TXDOT – SAN ANTONIO BRIDGE APPROACH SLABS CONTACT: ROGELIO PENA (281) 740-9139	OCT 2017	\$56,230.00
PSC – JAMES CONSTRUCTION GROUP TXDOT – WACO, TX BRIDGE APPROACH SLABS CONTACT: DENNIS WALTER (254) 541-7593	NOV 2017	\$35,275.00
ARKANSAS HIGHWAYS DEPARTMENT DISTRICT 5 BRIDGE APPROACH SLABS/UNDERSEALING CONTACT: BRUCE STREET DIST. 5	NOV 2017	\$141,851.00
OK DEPT OF TRANSPORTATION DISTRICT 7 BRIDGE APPROACH SLABS CONTACT: JOE HENNESSEY 580-467-1835	NOV 2017	\$41,695.00
OK DEPT OF TRANSPORTATION DISTRICT 8 VOID FILLING/UNDERSEALING CONTACT: TRAPPER PARKS 918-892-2314	DEC 2017	\$304,034.00

OK DEPT OF TRANSPORTION DISTRICT 6 BRIDGE APPROACH SLABS CONTACT: WAYNE ROESNER	DEC 2017	\$59,034.00
OK TURNPIKE AUTHORITY BAILEY TURNPIKE DIPS/UNDERSEALING CONTACT: KEVIN SIMPSON	JAN 2018	\$57,925.00
DBI SERVICES - TXDOT WACO MCCLENNAN CO DIPS/HEAVES CONTACT JON-DAVID JENKINS 254-848-4139	JAN 2018	\$80,325.00
DBI SERVICES - TXDOT HILLSBORO HILL COUNTY JOINT MATCHING/DIPS CONTACT JON-DAVID JENKINS 254-848-4139	FEB 2018	\$103,960.00
ARKANSAS HIGHWAYS DEPARTMENT DISTRICT 5 VOID FILLING/UNDERSEALING CONTACT: JASON SEATON 870-612-7638	MARCH 2018	\$177,312.00
OK TURNPIKE AUTHORITY KILPATRICK TURNPIKE VOID FILLING/JOINT MATCHING CONTACT: STEVE ANSHUTZ 405-409-6294	APRIL 2018	\$44,040.00
TEXAS STERLING CONSTRUCTION CITY OF FRISCO, TX - MAIN ST PHASE 1 VOID FILLING/UNDERSEALING CONTACT: JASON NAJIM 214-907-1014	APRIL 2018	\$550,000.00
ARKANSAS HIGHWAYS DEPARTMENT DISTRICT 5 VOID FILLING/UNDERSEALING CONTACT: JASON SEATON 870-612-7638	MAY 2018	\$199,858.00
OK DEPT OF TRANSPORTATION DISTRICT 3 BRIDGE APPROACH SLABS CONTACT: BILL WILKINSON 580-421-5552	JUN 2018	\$61,763.00
ROY JORGENSEN ASSOC - TXDOT AUSTIN SH 130 DIPS/HEAVES CONTACT: HARRY LUDWIG 281-212-7044	JULY 2018	\$703,760.00
OK TURNPIKE AUTHORITY CHEROKEE TURNPIKE DIPS/VOID FILLING CONTACT: CODY BENTON 918-801-8345	AUG 2018	\$49,926.00

CITY OF FRISCO, TX SB DNT FRONTAGE RD VOID FILLING/UNDERSEALING CONTACT: BRAD WOOLEY 972-292-5833	AUG 2018	\$334,480.00
CITY OF MCKINNEY, TX COLLEGE ST VOID FILLING/UNDERSEALING CONTACT: EDDIE GARZA	SEPT 2018	\$103,200.00
NORTH TEXAS TOLLWAY AUTHORITY GEORGE BUSH TOLLWAY DIPS/VOID FILLING CONTACT: ELI LERMA 972-447-3312	SEPT 2018	\$190,312.00
OK DEPT OF TRANSPORATION DISTRICT 3 VOID FILLING/UNDERSEALING CONTACT: BILL WILKINSON 580-421-5552	OCT 2018	\$187,342.00
OK TURNPIKE AUTHOURITY BAILEY TURNPIKE DIPS CONTACT: CODY BENTON 918-801-8345	NOV 2018	\$121,768.00
TEXAS STERLING CONSTRUCTION CITY OF FRISCO, TX MAIN ST – PHASE 2 VOID FILLING/UNDERSEALING CONTACT: JASON NAJIM 214-907-1014	DEC 2018	\$550,000.00
OK TURNPIKE AUTHOURITY INDIAN NATION TURNPIKE FAULTED PAVEMENT REPAIR CONTACT: BENNIE WESTER 918-318-0078	DEC 2018	\$122,508.00
O'TREVINO CONSTRUCTION - TXDOT DALLAS SH-75 DIPS/HEAVES CONTACT: PAT PACE (817) 430-2410	DEC 2018	\$76,708.00
OK DEPT OF TRANSPORTATION DISTRICT 3 VOID FILLING/UNDERSEALING CONTACT: JON LARSEN 405-669-5994	JAN 2019	\$132,000.00
O'TREVINO CONSTRUCTION - TXDOT LUBBOCK BRIDGE APPROACH SLABS CONTACT: PAT PACE (817) 430-2410	MARCH 2019	\$62,408.00
HUEY STOCKSTILL CONSTRUCTION - MSDOT DISTRICT 6 - PAVEMENT REHABILITATION VOID FILLING/UNDERSEALING	MAY 2019	\$120,400.00
GIBSON ASSOCIATES - MSDOT DISTRICT 2 - BRIDGE REHABILITATION	SEPT 2019	\$506,480.00



201 NW 26th St.
Fort Worth, TX 76164
(817) 831-1240 office
(817) 831-1245 fax

Safety Policy

Nortex Concrete Lift & Stabilization, Inc. has a strong commitment to provide a safe workplace and to establish policies promoting high standards of employee health and safety, while delivering to the customer the highest quality product. In keeping with this commitment, it is the company's intent to maintain a Positive Safety Program and a Substance Abuse Program. Our employees will conduct both themselves and their work in a safe manner consistent with good construction practices.

Responsibility for achieving our safety goals is that of site superintendents, supervisors, employees, and the safety manager with the support of company management.

With these basic objectives in mind, the following would be our program to achieve our goals.

Each jobsite is furnished with a safety package which enables the site supervisor to maintain a positive safety program regarding weekly site safety meetings, safety inspections, accident/incident prevention, proper training of personnel, practicing work habits consistent with our trade, maintaining housekeeping above an acceptable level, and monitors condition of tools and equipment.

To further support our efforts, we adhere to OSHA requirements with written policies in Hazardous Communication procedures. Our Substance Abuse Policy assures our customers that we are providing a drug free work force.

Achievement of our objectives will allow us to provide for our customers a quality product and a safe and healthful work area for our employees.

 _____
Signature Date 2/26/20

Casey DeRosa _____
Name Title Asst GM

Nortex Concrete Lift & Stabilization, Inc.

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)
NORTEX CONCRETE LIFT & STABILIZATION, INC

Business name/disregarded entity name, if different from above

Check appropriate box for federal tax classification (required):
 Individual/sole proprietor C Corporation S Corporation Partnership Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Exempt payee

Other (see instructions) ▶ _____

Address (number, street, and apt. or suite no.)
201 N.W. 26th St.

City, state, and ZIP code
Fort Worth, TX 76164

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.

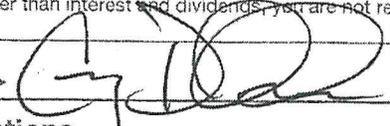
Social security number
[] - [] - []
Employer identification number
20 - 0291992

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 ▶  Date ▶ **01/03/2019**

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.



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000129087 CONCRETE PAVEMENT LIFTING AND SEALING OF
VARIOUS DRAINAGE STRUCTURES**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
18-Feb-2020 07:42:36 AM



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

January 2020

Changes to Jefferson Parish Bidding Information

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

Probable Construction Cost: Per Jefferson Parish Administrative Policy, the probable construction cost is not revealed in the Jefferson Parish Bidding Documents. Jefferson Parish Administrative Policy has changed and a range of the probable construction cost will be stated in the Jefferson Parish bidding document, entitled Important Notice to All Bidders – Bid Requirements. Per Louisiana Public Bid Law, the probable construction cost will be read at the bid opening.

Insurance Requirement: All bidders must provide proof of valid insurance in the required amounts as stated in the Standard Insurance Requirements for bidding purposes. Failure to provide the proof of valid insurance in all of the required coverage amounts will result in bid rejection.

GENERAL GOVERNMENT BLDG. – 200 DERBIGNY ST., SUITE 4400, GRETNA, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. – 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET

IMPORTANT NOTICE TO ALL BIDDERS – BID REQUIREMENTS

A. LOUISIANA CONTRACTOR'S LICENSE FOR THIS PROJECT

Must be in the following category:

Highway, Street and Bridge Construction and/or Undersealing or Leveling of Roads

- B. RANGE OF THE PROBABLE CONSTRUCTION COST FOR BASE BID: \$250,000 - \$500,000
RANGE OF THE PROBABLE CONSTRUCTION COST FOR ALTERNATE NO. 1: _____
RANGE OF THE PROBABLE CONSTRUCTION COST FOR ALTERNATE NO. 2: _____
RANGE OF THE PROBABLE CONSTRUCTION COST FOR ALTERNATE NO. 3: _____

C. TIMELINES

Except as where provided by law, Bidder agrees that this bid shall be legally binding and may not be withdrawn for a period of forty-five (45) calendar days after the scheduled closing time for receiving bids. In the event the Owner issues the Letter of Award (copy of adopted resolution awarding bid by Jefferson Parish Council) during this period, the bid accepted shall continue to remain binding pending execution of the Contract.

Bidder agrees to execute the ensuing Contract and will deliver applicable Bonds to secure the faithful performance thereof.

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

Upon full execution of the Contract and receiving a written notice to proceed, the Bidder agrees that all work shall be completed as follows:

D. LIQUIDATED DAMAGES

In accordance with Resolutions 113646 and 113647, Bidder agrees to pay, as liquidated damages, the sum of N/A for: (1) each consecutive calendar day after the agreed date of completion that the work remains substantially incomplete, or (2) each consecutive calendar day after substantial completion that the work has not been finally completed.

In addition to, but not in lieu of the per diem liquidated damages, Owner shall also be entitled to recover from Contractor or Contractor's Surety additional liquidated damages as detailed in Resolutions 113646 and 113647. These additional liquidated damages may include, but are not limited to the following, in the amounts and for each of the items identified in the Supplementary Conditions:

- (1) Extended architectural and/or engineering fees \$ N/A ;
- (2) Extended Resident Project Representative fees \$ N/A ;
- (3) Extended construction management fees \$ N/A ;
- (4) Extended Owner's overhead and personnel expenses \$ N/A ; and
- (5) Owner's other costs directly related to the delay in completion beyond the Contract Times.

Also, in accordance with Section 6.02, "Labor; Working Hours," whenever Contractor's work requires inspections in excess of the budgeted amount for inspection, Contractor shall reimburse Owner for the additional costs incurred by the Owner attributable to inspection of the contracted project in excess of the budgeted amount for inspections.

In accordance with the terms of the Engineer's agreement with the Owner, the average hourly rate to be charged for resident inspection for this construction project is \$ N/A and the reasonable budget for such inspections is \$ N/A (the overtime rates shall be \$ N/A per hour). The cost of inspection in excess of this budgeted amount shall be assessed against Contractor's progress payments, all in accordance with LSA R.S. 38:2216(L)(2).

E. METHODS OF BID SUBMISSION

- 1) Online at no charge via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net Registration and use of this site is free to Jefferson Parish vendors.
- 2) West Bank Purchasing Department, Suite 4400, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.
Office Hours: Monday-Friday, 8:30AM-4:30PM
- 3) East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson, LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids submitted for this project will be publicly opened at the West Bank location on the date and time advertised for bid opening.
Office Hours: Monday-Friday, 8:30AM-4:30PM

F. ETHICAL STANDARDS AND COOPERATION WITH THE OFFICE OF THE INSPECTOR GENERAL, INCLUDING CONFLICTS OF INTEREST

Vendor agrees by bid submission to comply with all provisions of Louisiana Law as well as compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, as published on <http://ethics.la.gov> and applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

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 this chapter. Every parish contract and every bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program shall contain a statement that the corporation, partnership, or person understands and will abide by all provisions of this chapter.

Conflicts of Interest: Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

G. REQUIRED AFFIDAVITS

For convenience, all legally mandated affidavits have been combined into one form, entitled THE PUBLIC WORKS BID AFFIDAVIT. All bidders must submit with their bid submission, a completed, signed and properly notarized affidavit in its original format and without 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 prior to, or at 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.

H. BID REQUIREMENTS (BID DOCUMENTS, SPECIFICATIONS, BONDS, W-9 AND PAYMENT INFO)

Bidders must review the bid specifications and include any required documentation including but not limited to the LA Public Works Uniform Bid Form, Bid Security, Corporate Resolution or written evidence of signature authority, and the Public Works Affidavit. Pursuant to LA R.S. 38:2212(B)(3)(b), bidders shall also be responsible for providing any other documentation as required, i.e. federal grant documentation, etc. Please note that the payment and performance bonds must be supplied by the successful bidder at contract signing. Further, while Jefferson Parish may have these on file, all bidders are encouraged to furnish their current W-9 Form and respective Tax Identification Numbers with bid submission; records on file may be invalid or expired. However, the successful bidder must submit a W-9 Form and respective Tax Identification Number upon contract execution. Failure to do so may result in payment delays. Bidders must comply with all provisions of the General Terms and Conditions as approved by Resolution No. 113646 and/or 113647. A copy of these terms and resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, Louisiana 70053. Bidders may also obtain a copy by visiting the Purchasing Department's webpage at www.purchasing.jeffparish.net and clicking on Online forms.

Bid Security: Bidders shall provide bid security in the form of a bid bond, cashier's check or money order in the amount of five percent (5%) of the total bid price (Base Bid and any Alternates). Such security will become the property of the Owner in the event the successful bidder fails or refuses to execute the Contract or fails to produce performance and payment bonds upon contract signing.

If submitting online, bidders 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.

Performance Bond: A performance bond is required in 100% of the contract amount and is due at the signing of the formal contract.

Payment Bond: A payment bond is required in 100% of the contract amount and is due at the signing of the formal contract.

I. **INSURANCE REQUIREMENTS**

All Bidders must submit with bid submission a current (valid) insurance certificate evidencing required coverages. Failure to comply will cause the 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 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.

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.

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.

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

CONCRETE PAVEMENT LIFTING & SEALING OF DRAINAGE STRUCTURES

SCOPE:

Labor, materials and equipment for concrete pavement lifting and sealing of various drainage structures utilizing high-density polyurethane, for the Jefferson Parish Department of Public Works – Streets Department and all Jefferson Parish agencies and municipalities.

CONTRACT TERM:

The successful bidder shall be awarded the work for a period of two (2) years. The contract shall commence on the date of resolution acceptance. The contract prices are firm during the entire two (2) year contract period.

BONDS:

SURETY BID BOND: A surety bond in the amount of 5% is due with the bid submission.

PAYMENT BOND: A payment bond in the amount of 50% of the contract amount is due at the signing of the formal contract.

PERFORMANCE BOND: A performance bond in the amount of 50% of the contract amount is due at the signing of the formal contract.

CONTRACTOR'S LICENSE:

A Louisiana State Contractor's License is required in the following category:

Highway, Street and Bridge Construction and/or Undersealing or Leveling of Roads

PRE-BID CONFERENCE:

A PRE-BID CONFERENCE will be held at 10:00 a.m., on **February 18, 2020, in the Jefferson Parish Purchasing Department, located at 200 Derbigny Street, Suite 4400, Gretna, LA 70053.**

SPECIFICATIONS:

SPECIFICATION 1 – GENERAL:

1.0 Polyurethane Material

- 1.1 The material used for lifting pavements (including base material where applicable) and sealing all drainage structures shall be a two – part, water blown, closed cell, high-density polyurethane system.
- 1.2 The material shall have a free rise minimum density of 3.0 lbs/cubic ft. (48 kilograms per cubic meter) and a minimum compressive strength of 40 PSI.
- 1.3 The material shall be a polyurethane-forming mixture, having water insoluble diluents, which permit the formation of polyurethanes in excess water. The presence of these water insoluble diluents provides polyurethane foam with improved dimensional stability properties. This formula and these characteristics must be certified by the chemical supplier prior to installation.
- 1.4 The high-density polyurethane formulation shall reach 90% of full compressive strength within 15 minutes from the time of installation.

2.0 Testing and Data

- 2.1 All testing and data information related to the product and as required below shall be part of the bid document:
 - A. Material safety data sheets for all pertinent production material.
 - B. A certificate of compliance from the manufacturer of the polyurethane component materials to be used. The certification shall include the results of density and compressive strength analysis performed in accordance with ASTM D 1622 and ASTM D 1621 respectively.
 - C. A report from an industrial hygienist who has conducted a personnel review, production vehicle review, and typical job-site safety review of the contractor's implementation procedures involving the polyurethane component chemicals.
 - D. A test procedure for delivery of the contractor's polyurethane material in a simulated slab, with a report of actual performance, with regard to material spread, density, and compressive strength in both dry and wet conditions.
 - E. A copy of the contractor's employee safety manual specific to polyurethane pavement lifting and drainage structure sealing.

3.0 Measurement and Payment

3.1 Payment for all work done shall be determined by the project engineer and the contract.

The contractor shall be paid per pound of material installed based upon the contract unit price. Polyurethane material will be measured to the nearest pound as displayed by a certified flow meter. A mechanical stroke counter is not allowed as an acceptable method of measurement.

3.2 The quoted price and payment should include full compensation for furnishing all labor, supervision, materials, tools, equipment, traffic control, and incidentals for all work as called for in this specification, or as directed by the project engineer.

3.3 At the request of the inspector, all product delivery equipment in service should be capable to perform a product density test by dispensing a sample of the equipment's polyurethane material into a test cylinder of known volume. The sample's net weight and density result shall be witnessed by the inspector or the project engineer. The density must not be less than the requirement of Section 1.2 above.

3.4 The owner may test the contents and quality of the polyurethane at the owner's expense at any time.

3.5 Daily material usage should be attested by the inspector and the contractor and reported on a field production report.

4.0 Traffic Control

4.1 The contractor shall have a certified traffic control supervisor on-site for all work. All lane closures must meet the minimum requirements for equipment and layout as required by the MUTCD and Jefferson Parish Traffic Engineering Division (504) 736-6530. Contractor is responsible for all traffic control costs.

5.0 Warranty of Product /Workmanship

5.1 The contractor shall warranty all areas worked under items 0010-0040, Pavement Lifting (with or without base) against future settlement for a period of one (1) year.

The contractor shall also warranty all areas worked under item 0050 - 0080, Sealing of Drainage Pipe / Structures / Box Culverts against future settlement or further loss of surrounding soil material into the sealed drainage structure for a period of two (2) years.

If failure occurs in either instance, the contractor will perform repair work to the area at no charge.

6.0 Night Work/Weekend Work

6.1 Weekend work may be required in non-residential areas and heavily traveled major routes. In such an event contractor is required to perform the work at bid unit prices. Also if contractor chooses to perform work in these areas during the night/weekend he shall obtain permission from the Director of Streets, prior to scheduling the work. All night work to commence between 7 P.M. and end before 7 A.M. There is no added compensation for occasional night work other than the bid unit prices.

SPECIAL PROVISIONS

THIS SPECIFICATION REFERS TO:

- **Item No. 0010 - Pavement Lifting (via filling the void space just below the bottom of the slab, no base lifting)**

A. Description

1. This work shall consist of lifting the pavement structure only (excluding any base material) and filling voids at locations as indicated on contract work orders or as directed by the project engineer, through implementation of the process described in Section B below using polyurethane materials as described in Section 1.0 of Specification 1 - General above.
2. Contractor and on-site foreman shall have experience in lifting concrete pavement, utilizing the process described in Section B below and using polyurethane materials as described in Section 1.0 of Specification 1 - General. References for the contractor and on-site foreman shall be submitted within 10 days from the date of the bid opening.
3. The minimum contract work order shall be 300 pounds and encompass various locations in the parish.
4. The contractor shall be able to respond within 24 hours notice with necessary equipment, materials, labor and supervision to perform work as described in Section A.1 immediately above at the request of the engineer.

B. Process

1. The contractor is to provide for all equipment, materials, labor, and supervision required for the work. The owner is to provide on-site inspection personnel and engineering oversight for any special project conditions and specific project objectives.
2. The contractor shall, at a minimum, provide the following equipment (at contractor's expense) for such projects:
 - a) Equipment capable of delivering the high-density polyurethane formulation to depths as required under the pavements and controlling the volume of installed material along with the rate and magnitude of pavement lifting, if required.
 - b) Pressure and temperature control devices to assure and maintain proper temperature and proportionate mixing of the polyurethane component materials. All necessary electric generators, compressors, heaters, hoses, containers, valves, and gauges to efficiently conduct and control the project work.
 - c) Pneumatic and electric drills capable of efficiently drilling access holes no larger than 1 inch diameter through pavements up to 1.5 feet thick.
 - d) Suitable laser levels and/or dial indicator devices, used to insure that the pavement is sufficiently lifted to an even plane and to the required elevation.
 - e) Product delivery equipment shall be equipped with a manufacturer's certified flow meter to measure the amount of high-density polyurethane installed at each location. The certified flow meter shall have a digital output in both pounds and gallons.
3. A pavement profile from laser level readings or string lines shall be used to determine where the pavement needs to be lifted.
4. In the project area, a series of access holes no larger than 1 inch diameter should be drilled through the pavement. Care is to be taken to protect the pavement surrounding each access hole from damage.
5. The material is to be delivered through the drilled access holes until all known or encountered voids under the pavement are filled. The rate and amount of material delivery should be determined by the contractor.

6. The contractor is responsible for any pavement blowouts or excessive pavement lifting which may occur as a result of his work and repairs are to be made to the subject to the satisfaction of the project engineer without additional cost.
7. Corrections to the grade of adjacent slabs, if necessary and as determined by the project engineer, should be made in the same manner that is required for pavement that is lifted. All lifted pavements must match the existing grade of adjacent slabs that provide positive drainage. Final elevations should be within ¼ inch of the required elevations as determined by the profile or the project engineer.
8. The contractor's method of product delivery should prevent leakage during installation and upon completion of the installation should not interfere with the pavement surface. Access holes should be filled to the pavement surface with polyurethane material and a non-shrink grout.
9. At the end of each work shift, the work area shall be left in a clean, swept, and neat condition.
10. Although some flow of the polyurethane material into the drainage system is normal, the contractor shall perform work so as to minimize the flow of polyurethane material into the drainage system. Contractor shall be responsible to remove excess material from the drainage system in which contractor is working. In this case, the contractor shall provide the equipment necessary to clean/flush the drain lines as needed at no additional cost to remove the excess material.
11. The contractor shall be responsible to clean out any soils, rocks, or other obstructions that restrict the contractor from doing a quality job and as required to properly restore the drainage system.

THIS SPECIFICATION REFERS TO:

- **Item No. 0020 - Pavement Lifting (including base material up to 3 feet in thickness)**
- **Item No. 0030 - Pavement Lifting (including base material greater than 3 feet to 6 feet in thickness)**
- **Item No. 0040 - Pavement Lifting (including base material greater than 6 feet to 10 feet in thickness)**

A. Description

1. This work shall consist of pavement lifting (including base material of various depths) from the bottom surface of existing cementitious and asphalt pavement to lift the base and pavement at locations as indicated on contract work orders or as directed by the project engineer, through implementation of the process described in Section B below using polyurethane materials as described in Section 1.0 of Specification 1 - General above.

2. The contractor and on-site foreman shall have experience in lifting concrete pavement, utilizing the process described in Section B below and using polyurethane materials as described in Section 1.0 of Specification 1 - General. References for the contractor and on-site foreman shall be submitted within 10 days from the date of the bid opening.
3. The minimum contract work order shall be 300 pounds and encompass various locations in the parish.
4. The contractor shall be able to respond within 24 hours notice with necessary equipment, materials, labor and supervision to perform work as described in Section A.1 immediately above at the request of the engineer.

B. Process

1. The contractor is to provide for all equipment, materials, labor and supervision required for the work. The owner will provide on-site inspection personnel and engineering oversight for any special project conditions and specific project objectives.
2. The contractor shall, at a minimum, provide the following equipment (at contractor's expense) for such projects:
 - a) Equipment capable of delivering the high-density polyurethane formulation to depths as required under the pavements, and controlling the volume of installed material along with the rate and magnitude of pavement lifting, if required.
 - b) Pressure and temperature control devices to assure and maintain proper temperature and proportionate mixing of the polyurethane component materials. All necessary electric generators, compressors, heaters, hoses, containers, valves, and gauges to efficiently conduct and control the project work.
 - c) Pneumatic and electric drills capable of efficiently drilling access holes no large than 1.5 inch diameter through pavements that typically range in thickness from 6 inches to 10 inches. However, due to settlement and asphalt maintenance overlays, some pavements can be up to 24 inches thick.
 - d) Suitable laser levels and/or dial indicator devices, used to insure that the pavement is sufficiently lifted to an even plane and to the required elevation.
 - e) Product delivery equipment shall be equipped with a manufacturer's certified flow meter to measure the amount of high-density polyurethane

installed at each location. The certified flow meter shall have a digital output in both pounds and gallons.

3. A pavement profile from laser level readings or string lines shall be used to determine where the pavement needs to be lifted.
4. In the project area, a series of access holes no larger than 1.5 inches should be drilled at intervals (no closer than 2 ft.) through the pavement in the areas to be lifted. The exact location, spacing, and size of access holes along with depth of product delivery shall be determined by the contractor and approved by the engineer. Care shall be taken to protect the pavement surrounding each access hole from damage.
5. The material is to be delivered through the drilled access holes until all known or encountered voids under the pavement are filled. The rate and amount of material delivery should be determined by the contractor.
6. The contractor is responsible for any pavement blowouts or excessive pavement lifting which may occur as a result of his work and repairs are to be made to the subject to the satisfaction of the project engineer without additional cost.
7. Corrections to the grade of adjacent slabs, if necessary and as determined by the project engineer, should be made in the same manner that is required for pavement that is lifted. All lifted pavements must match the existing grade of adjacent slabs that provide positive drainage. Final elevations should be within ¼ inch of the required elevations as determined by the profile or the project engineer.
8. The contractor's method of product delivery should prevent leakage during installation and upon completion of the installation should not interfere with the pavement surface. Access holes should be filled to the pavement surface with polyurethane material and a non-shrink grout.
9. At the end of each work shift, the work area shall be left in a clean, swept, and neat condition.
10. Although some flow of the polyurethane material into the drainage system is normal, the contractor shall perform work so as to minimize the flow of polyurethane material into the drainage system. Contractor shall be responsible to remove excess material from the drainage system in which contractor is working. In this case, the contractor shall provide the equipment necessary to clean/flush the drain lines as needed at no additional cost to remove the excess material.
11. The contractor shall be responsible to clean out any soils, rocks, or other obstructions that restrict the contractor from doing a quality job and as required to properly restore the drainage system.

THIS SPECIFICATION REFERS TO:

- **Item No. 0050**
Sealing of Drainage Pipe / Structures (depth from 0 to 4 feet) (excluding drainage box culverts)
- **Item No. 0060**
Sealing of Drainage Pipe / Structures (depth greater than 4 feet to 8 feet) (excluding drainage box culverts)
- **Item No. 0070**
Sealing of Drainage Pipe / Structures (depth greater than 8 feet to 12 feet) (excluding drainage box culverts)
- **Item No. 0080**
Sealing of Drainage Box Culverts (various depths and sizes)
- **Item No. 0090**
Flush Truck along with Camera/Video

A. Description

1. This work shall consist of providing a positive encasement seal of drainage system pipes (i.e. joints, cracks, etc.), drainage structures (i.e. catch basins, drain inlets, manholes, etc.), and also any work required to seal leaks in drainage box culvert (primarily at construction joints) at locations as indicated on contract work orders or as directed by the project engineer, through implementation of the process described in Section B below using polyurethane materials as described in Section 1.0 of Specification 1 – General above.
2. The contractor and on-site foreman shall have experience in sealing drainage structures, utilizing the process described in Section B below and using polyurethane materials as described in Section 1.0 of Specification 1 - General. References for the contractor and on-site foreman shall be submitted within 10 days from the date of the bid opening.
3. The minimum contract work order shall be 300 pounds and encompass various locations in the parish.
4. The contractor shall be able to respond within 24 hours notice with necessary equipment, materials, labor and supervision to perform work as described in Section A.1 immediately above at the request of the engineer.

B. Process

1. The contractor is to provide for all equipment, materials, labor, and supervision required for the work. The owner will provide on-site inspection personnel and engineering oversight for any special project conditions and specific project objections.

2. The contractor shall, at a minimum, provide the following equipment (at contractor's expense) for such projects:
 - a) Equipment capable of delivering the high-density polyurethane formulation to depths as required under the pavements (and/or ground surface), and controlling the volume of installed material along with the rate and magnitude of pavement lifting, if required.
 - b) Pressure and temperature control devices to assure and maintain proper temperature and proportionate mixing of the polyurethane component materials. All necessary electric generators, compressors, heaters, hoses, containers, valves, and gauges to efficiently conduct and control the project work.
 - c) A drill capable of drilling access holes no larger than 1.5 inch diameter through pavements that typically range in thickness from 6 inches to 10 inches. However, due to settlement and asphalt maintenance overlays, some pavements can be up to 24 inches thick.
 - d) Equipment and resources necessary to deliver the product to depths up to 30 feet.
 - e) Product delivery equipment shall be equipped with a manufacturer's certified flow meter to measure the amount of high-density polyurethane installed at each location. The certified flow meter shall have a digital output in both and gallons.
3. In the project area, if applicable, a series of access holes no larger than 1.5 inches should be drilled at intervals (no closer than 2 ft.) through the pavement in the area where the drainage structure is to be sealed. The exact locations, spacing, and size of access holes along with depth of product delivery shall be determined by the contractor and approved by the engineer. Care shall be taken to protect the pavement surrounding each access hole from damage (where applicable).
4. The material is to be delivered through the drilled access holes (where applicable) until the drainage structure is properly sealed. The rate and amount of material delivery should be determined by the contractor.
5. The contractor is responsible for any pavement blowouts or excessive pavement / ground lifting which may occur as a result of his work and repairs are to be made to the subject to the satisfaction of the project engineer without additional cost.
6. The contractor's method of product delivery should prevent leakage during installation and upon completion of the installation should not interfere with the pavement surface. Access holes should be filled to the pavement surface with polyurethane material and a non-shrink grout.

7. At the end of each work shift, the work area shall be left in a clean, swept, and neat condition.
8. Although some flow of the polyurethane material into the drainage system is normal, the contractor shall perform work so as to minimize the flow of polyurethane material into the drainage system. Contractor shall be responsible to remove excess material from the drainage system in which contractor is working. Equipment necessary to clean/flush the drain lines, along with equipment to provide video inspection as needed, to ensure proper sealing of the drainage structure without blocking the flow will be paid separately under Item 0090. The interior of the drain line shall be constantly monitored and recorded visually to ensure completeness of the seal and for the water jetting to remove excess HDP material from the pipe.
9. The contractor shall provide a digital recording that should include both audio and video information that accurately reproduces the original picture and sound of the video inspection. The video inspection should include: starting and ending structures, address, date, time, footage, flow direction, pipe size, depth and etc.
10. The contractor shall be responsible to clean out any soils, rocks, or other obstructions that restrict the contractor from doing a quality job and as required to properly restore the drainage system.