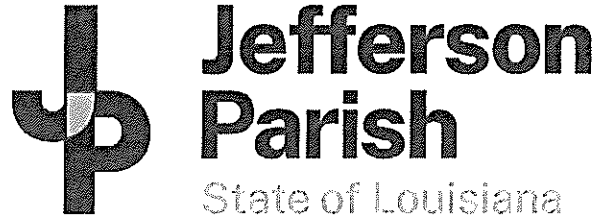




CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

5000140721 Two (2) Year Contract to Supply Herbicides, Labor and Equipment to Control Weeds and Undesired Vegetation on Drainage Canals, Ditches and Servitudes on the East and West Bank of Jeff Parish for the Jefferson Parish Department -Drainage
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
28-Dec-2022 12:19:09 PM



Bid Number 50-00140721

Two (2) Year Contract to Supply Herbicides, Labor and Equipment to Control Weeds and Undesired Vegetation on Drainage Canals, Ditches and Servitudes on the East and West Bank of Jefferson Parish for the Jefferson Parish Department of Public Works- Drainage.

Bid Due: JANUARY 24, 2023 at 2:00 pm

ATTENTION VENDORS!!!

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

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Buyer Name: Donna M Evans, Buyer II
Buyer Email: DMEVANS@jeffparish.net
Buyer Phone: 504-364-2691**

DATE: 12/28/2022
BID NO.: 50-00140721

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

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

BUYER: DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 1/24/2023 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053. At no charge, bidders are to 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

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. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

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 as amended.

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. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

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: 12/28/2022

BID NO.: 50-00140721

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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 local 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).

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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.

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 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 as amended. 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.

3, 5, 6, 8, 10, 11, 12, 13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, 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. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. 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. All sureties must be in original format (no copies) When 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.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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 is 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 owed 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 to 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, and report to Owner the amount of taxes not incurred.

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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

DATE: 12/28/2022

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BID NO.: 50-00140721

BID FORM
Non Public Works

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

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

Are you requesting an escalation provision?

YES _____ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED NA %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 3/24/23

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

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

Upon parish request

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

N/A

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Opterra Solutions, Inc

ADDRESS: 270 Bruner Rd

CITY, STATE: Lexington, SC ZIP: 29072

TELEPHONE: (803) 957-8989 FAX: (803) 957-1043

EMAIL ADDRESS: BIDS@OPTERRASOLUTIONS.COM

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

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 6,432,964.92

AUTHORIZED SIGNATURE: [Signature]

TITLE: COO

Lance Daniel
Printed Name

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140721

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			TWO YEAR SUPPLY OF HERBICIDES, LABOR AND EQUIPMENT TO CONTROL WEEDS AND UNDESIRE VEGTATION ON DRAINAGE CANALS, DITCHES AND SERVITUDES ON THE EAST AND WEST BANK OF JEFFERSON PARISH- DRAINAGE		
1	3,314.00	ACRE	0010 March Application (Option 1)- Program 1	\$ 53.66	\$ 177,829.24
			TWO (2) YEAR SUPPLY OF HERBICIDES, LABOR & EQUIPMENT TO CONTROL WEEDS & UNDESIRE VEGETATION IN DRAINAGE CANALS, DITCHES & SERVITUDES FOR THE EAST & WEST BANKS OF JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - DRAINAGE		
2	3,387.00	ACRE	0020 March Application (Option 2)- Program 1	\$ 53.16	\$ 180,052.92
3	3,387.00	ACRE	0030 March Application (Option 3)- Program 1	\$ 51.82	\$ 175,514.34
4	3,387.00	ACRE	0040 May Application Program 1	\$ 57.02	\$ 193,126.74
5	3,387.00	ACRE	0050 July Application	\$ 88.60	\$ 300,088.20
6	3,387.00	ACRE	0060 September Application (Option 1)- Program 1	\$ 95.28	\$ 322,713.36
7	3,387.00	ACRE	0070 September Application (Option 2)- Program 1	\$ 153.23	\$ 518,990.01
8	3,387.00	ACRE	0080 September Application (Option 3)- Program 1	\$ 147.06	\$ 498,092.22
9	233.00	ACRE	0090 April Application Program 2	\$ 54.34	\$ 12,661.22
10	233.00	ACRE	0100 June Application Program 2	\$ 82.53	\$ 19,229.49
11	233.00	ACRE	0110 August Application Program 2	\$ 80.90	\$ 18,849.70

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140721

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
12	3,387.00	ACRE	0120 January-February Application Program 3	\$ 60.35	\$ 204,405.45
13	3,387.00	ACRE	0130 April - May Application Program 3	\$ 58.52	\$ 198,207.24
14	3,387.00	ACRE	0140 July Application Program 3	\$ 86.09	\$ 291,586.83
15	3,387.00	ACRE	0150 September Application (Option 1)- Program 3	\$ 148.23	\$ 502,055.01
16	3,387.00	ACRE	0160 September Application (Option 2)- Program 3	\$ 144.46	\$ 489,286.02
17	3,387.00	ACRE	0170 January - February Application Program 4	\$ 55.79	\$ 188,960.73
18	3,387.00	ACRE	0180 April - May Application Program 4	\$ 60.36	\$ 204,439.32
19	3,387.00	ACRE	0190 July Application Program 4	\$ 97.38	\$ 329,826.06
20	3,387.00	ACRE	0200 September Application (Option 1)- Program 4	\$ 146.23	\$ 495,281.01
21	3,387.00	ACRE	0210 September Application (Option 2)- Program 4	\$ 147.06	\$ 498,092.22
22	100.00	ACRE	0220 Aquatic Spraying per Acre As Needed	\$ 274.83	\$ 27,483.00
23	100.00	ACRE	0230 Algae Control Per Acre As Needed- 12" Deep Water	\$ 75.13	\$ 7,513.00
24	100.00	ACRE	0240 Algae Control Per Acre As Needed- 18" Deep Water	\$ 95.00	\$ 9,500.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140721

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
25	100.00	ACRE	0250 Algea Control Per Acre As Needed- 24" Deep Water	\$ 113.00	\$ 11,300.00
26	100.00	ACRE	0260 Algea Control Per Acre As Needed- 30" Deep Water	\$ 130.00	\$ 13,000.00
27	100.00	ACRE	0270 Duckweed Control Per Acre As Needed	\$ 150.75	\$ 15,075.00
28	100.00	ACRE	0280 Aquatic Spraying for Emergent Weeds Per Acre As Needed (Option 1)	\$ 278.31	\$ 27,831.00
29	100.00	ACRE	0290 Aquatic Spraying for Emergent Weeds Per Acre As Needed (Option 2)	\$ 86.25	\$ 8,625.00
30	100.00	ACRE	0300 Aquatic Spraying for Submersed Weeds Per Acre As Needed (Option 1)	\$ 356.25	\$ 35,625.00
31	100.00	ACRE	0310 Aquatic Spraying for Submersed Weeds Per Acre As Needed (Option 2)- 12" Depth	\$ 122.83	\$ 12,283.00
32	100.00	ACRE	0320 Aquatic Spraying for Submersed Weeds Per Acre As Needed (Option 2)- 18" Depth	\$ 141.50	\$ 14,150.00
33	100.00	ACRE	0330 Aquatic Spraying for Submersed Weeds Per Acre As Needed (Option 2)- 24" Depth	\$ 160.15	\$ 16,015.00
34	100.00	ACRE	0340 Aquatic Spraying for Submersed Weeds Per Acre	\$ 160.15	\$ 16,015.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140721

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			As Needed (Option 2) - 30" Depth		
35	100.00	ACRE	0346 Aquatic Spraying for Submersed Weeds Per Acre	\$ 102.15	\$ 10,215.00
			As Needed (Option 3)- 2 lbs of product		
36	100.00	ACRE	0347 Aquatic Spraying for Submersed Weeds Per Acre	\$ 153.38	\$ 15,338.00
			As Needed (Option 3)- 3 lbs of product		
37	100.00	ACRE	0348 Aquatic Spraying for Submersed Weeds Per Acre	\$ 204.30	\$ 20,430.00
			As Needed (Option 3) - 4 lbs of product		
38	100.00	ACRE	0349 Aquatic Spraying for Submersed Weeds Per Acre	\$ 255.38	\$ 25,538.00
			As Needed (Option 3) - 5 lbs of product		
39	100.00	ACRE	0350 Aquatic Spraying for Submersed Weeds Per Acre	\$ 306.45	\$ 30,645.00
			As Needed (Option 3) - 6 lbs of product		
40	100.00	ACRE	0360 Aquatic Spraying for Submersed Weeds Per Acre	\$ 408.60	\$ 40,860.00
			As Needed (Option 3) - 8 lbs of product		
41	100.00	ACRE	0370 Aquatic Spraying for Submersed Weeds Per Acre	\$ 510.75	\$ 51,075.00
			As Needed (Option 3) - 10 lbs of product		
42	100.00	ACRE	0380 Aquatic Spraying for Submersed Weeds Per Acre	\$ 106.37	\$ 10,637.00
			As Needed (Option 4) - 12" Depth		
43	100.00	ACRE	0390 Aquatic Spraying for Submersed Weeds Per Acre	\$ 159.56	\$ 15,956.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140721

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			As Needed (Option 4) - 18" Depth		
44	100.00	ACRE	0400 Aquatic Spraying for Submersed Weeds Per Acre	\$ 212.74	\$ 21,274.00
			As Needed (Option 4) - 24" Depth		
45	100.00	ACRE	0410 Aquatic Spraying for Submersed Weeds Per Acre	\$ 265.93	\$ 26,593.00
			As Needed (Option 4) - 30" Depth		
46	100.00	ACRE	0420 Canal Bank Fertilizer Per Acre As Needed	\$ 1,255.00	\$ 125,500.00
47	1.00	ACRE	0430 BASF Overdrive 1/2 oz per acre	\$ 2.69	\$ 2.69
48	100.00	ACRE	0431 Spot Spraying	\$ 51.73	\$ 5,173.00
49	1.00	ACRE	0440 BASF Plateau	\$ 0.57	\$ 0.57
50	1.00	ACRE	0460 Weedestroy AM40 1 ounce per acre	\$ 0.25	\$ 0.25
51	1.00	ACRE	0470 Round Up Promax 1 ounce per acre	\$ 0.37	\$ 0.37
52	1.00	ACRE	0480 Milstone Specialty Herbicide 1/2 ounce per acre	\$ 1.97	\$ 1.97
53	1.00	ACRE	0490 Outrider Herbicide 1/4 ounce per acre	\$ 4.29	\$ 4.29
54	1.00	ACRE	0500 Bayer Esplanade 200 SC 1/4 ounce per acre	\$ 2.87	\$ 2.87
55	1.00	ACRE	0501 Bayer Pastora 1/4 ounce per acre	\$ 4.16	\$ 4.16

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SEALED BID

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
56	1.00	ACRE	0510 Syngenta Barricade 65 WG 1/4 pound per acre	\$ 2.70	\$ 2.70
57	1.00	ACRE	0530 Bayer Derigo 1 ounce per acre	\$ 8.72	\$ 8.72

Two (2) Year Supply of Herbicides, Labor, and Equipment to Control Weeds and Undesired Vegetation on Drainage Canals, Ditches, and Servitudes on the East and West Bank of Jefferson Parish for the Jefferson Parish Department of Public Works, Drainage.

The contract shall be for two (2) years beginning on the date the contract is executed, and shall terminate two (2) years thereafter.

Bonds:

5 % Surety bond is due with bid submission

50% Performance Bond is due at signing of contract

Contractor must submit copies to the Parish of Jefferson that it holds the following licenses:

1. Louisiana department of agriculture business license
2. Commercial pesticide applicator license for right-of-ways (category 6) and aquatic herbicide applicator license (category 5) for each supervisor

Contractor shall submit regularly updated employee lists/license throughout the terms of this contract.

Contractor acknowledges that, pursuant to Jefferson parish Code of Ordinance Section 2-155.10(19), Contractor, and all of Contractor's subcontractor(s), has an affirmative duty to cooperate with the inspector general in any investigation, audit, inspection, performance review, or hearing.

Specifications:

Article 1. Services and requirements

The contractor shall furnish all labor, material, equipment, and qualified supervision to control weeds and undesired vegetation on drainage canals, ditches, servitudes, and levees on the east and west bank of Jefferson Parish. This spraying will include treatment of all unwanted broad leafed and grassy weeds, vines, and brush with the intention of elimination of undesirable vegetation. The spraying will be controlled to release low growing grasses such as bermuda or centipede on slopes and right-of-ways of certain canals as listed in Article 2 of this bid. All aquatic weeds, rooted or floating in the water or on the bottom width must be sprayed by boat or other appropriate means. No payment will be made for any work performed in or on any canal not listed in this contract, except changes made by written change order.

After completion of spraying on any areas, and after the required waiting period for its effectiveness to be determined, any areas that indicate poor control or show no effect of the previous spraying shall be retreated within five (5) working days of receipt of telephone notification followed by written notification by the department at no additional cost to the parish.

Contractor shall be responsible for daily verbal communication with the Drainage Department to advise where work is being performed on those days on which spraying operations are being carried out. Weekly written work reports of spraying performed during the previous week will be submitted by the contractor to the Drainage Department. These reports will include names of canals, ditches, servitudes, and levees sprayed, square feet (or acres) covered, names of herbicides used and gallons of spray mix used. These reports shall be submitted promptly each Friday by fax, email or hand delivered to the east bank Rheem Building field office at 4901 Jefferson Hwy. Suite "D" and the West Bank La 18 field office at River Park Road, Bridge City.

Article 2. Assigned canals, ditches, and levees

Attached is a list of all canals, ditches, and levees within the parish which may be maintained by contract. Canals are broken down into two spray programs which will require different chemical applications per month. Program 1 will be applications during March, May, July, and September. Program 2 will be applications during April, June, and August. Program 3 will be applications during January, April, July, and September. Each month's application must be completed within that calendar month. After the contract has been awarded and executed by the parish, the contractor shall be responsible to verify the acreage shown. Contractor shall contact the Drainage Department supervisor or the Drainage director and after consultation they shall make changes that are agreeable and acceptable to both parties. Verification of acreages shall be completed by the contractor prior to the start of any work to be done under this contract.

Article 3. Materials and equipment

Only brand names can be used for slopes and flats applications.
A non-ionic wetting agent will be required on all applications

Required products for monthly applications for slopes and flats:

Program 1:

March application (OPTION 1)

1. Basf plateau – at a rate of 3 ounces per acre
2. Basf overdrive – at a rate of 4 ounces per acre
3. Round up pro max – at a rate of 2.7 ounces per acres

March application (OPTION 2)

1. Weedestroy AM40 – at a rate of 32 ounces per acre
2. Basf overdrive – at a rate of 3 ounces per acre

March application (OPTION 3)

1. Basf plateau – at a rate of 2 ounces per acre
2. Basf overdrive – at a rate of 4 ounces per acre

May application

1. Basf plateau – at a rate of 3 ounces per acre
2. Basf overdrive – at a rate of 5 ounces per acre

July application

1. Basf plateau – at a rate of 4 ounces per acre
2. Bayer Pastora – at a rate of 1.25 ounces per acre
3. Outrider – at a rate of 1 ounce per acre

The option for September spraying will be selected by the Drainage Department supervisor based on existing conditions in August. Only one option will be used.

September application (option 1)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Weedestroy am-40 – at a rate of 64 ounces per acre
3. Bayer pastora – at a rate of 1.25 ounces per acre

September application (option 2)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Syngenta barricade 65wg – 2.3 lbs./acre with a wetting coverage of 40 gallons of water per acre

September application (option 3)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Bayer esplanade 200sc – at a rate of 3 ounces per acre

Program 2:

April application

1. Basf plateau – at a rate of 3 ounces per acre
2. Basf overdrive – at a rate of 4 ounces per acre
3. Round up pro max – at a rate of 2.7 ounces per acre

June application

1. Basf plateau – at a rate of 4.5 ounces per acre
2. Round up pro max – at a rate of 2.7 ounces per acre
3. Bayer pastora – at a rate of 1.25 ounces per acre
4. Outrider herbicide – at a rate of 1 ounce per acre

August application

1. Basf plateau – at a rate of 3 ounces per acre
2. Round up pro max – at a rate of 2.7 ounces per acre
3. Bayer pastora – at a rate of 1.25 ounces per acre
4. Outrider herbicide – at a rate of 1 ounce per acre

Program 3: PARISH CAN SUBSTITUTE THIS PROGRAM IN PLACE OF PROGRAM 1

January-February application

1. Weedestroy am-40 – at a rate of 42 ounces per acre
2. Milestone Specialty Herbicide – at a rate of 4 ounces per acre

April-May application

1. Basf plateau – at a rate of 3 ounces per acre
2. Basf overdrive – at a rate of 5 ounces per acre

July application

1. Basf plateau – at a rate of 4 ounces per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre

3. Outrider herbicide – at a rate of 1 ounce per acre

September application (option 1)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Syngenta barricade 65wg – 2.3 lbs./acre with a wetting coverage of 40 gallons of water per acre

September application (option 2)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Bayer esplanade 200sc – at a rate of 3 ounces per acre with a wetting coverage of 40 gallons of water per acre

Program 4: PARISH CAN SUBSTITUTE THIS PROGRAM IN PLACE OF PROGRAM 1

January-February application

1. Basf overdrive – at a rate of 4 ounces per acre
2. Milestone Specialty Herbicide – at a rate of 4 ounces per acre

April-May application

1. Basf plateau – at a rate of 3 ounces per acre
2. Basf overdrive – at a rate of 5 ounces per acre

July application

1. Basf plateau – at a rate of 4 ounces per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Outrider herbicide – at a rate of 1 ounce per acre
4. Weedestroy am-40 – at a rate of 64 ounces per acre

September application (option 1)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Syngenta barricade 65wg – 2.3 lbs./acre with a wetting coverage of 40 gallons of water per acre

September application (option 2)

1. Outrider herbicide – at a rate of 1 ounce per acre
2. Bayer pastora – at a rate of 1.25 ounces per acre
3. Weedestroy am-40 – at a rate of 64 ounces per acre
4. Bayer esplanade 200sc – at a rate of 3 ounces per acre with a wetting coverage of 40 gallons of water per acre

Required products for aquatic spraying per acre as needed:

Weedestroy am-40 broadleaf weed control – follow manufacturer's recommended application rates for control of aquatic weeds

Aquatic glyphosate – grassy weed and broadleaf weed control such as aquamaster, rodeo, or aquaneat. Follow manufacturer's recommended application rates for control of aquatic weeds.

A non ionic wetting agent will be required on all applications

Required products for algae control per acre as needed:

Sepro k-tea algaecide using the following rates

12" deep water = 1.6 gallons

18" deep water = 2.5 gallons

24" deep water = 3.1 gallons

30" deep water = 3.75 gallons

*depth of water to be determined by jefferson parish prior to treatment

Required products for duckweed control per acre as needed:

Syngenta reward aquatic herbicide diquat. Follow manufacturers recommended application rates. A nonionic wetting agent is required on all applications

Required products for aquatic spraying for emergent weeds per acre as needed (option 1):

Basf clearcast at 128 ounces per acre per 100 gallons of water

Required products for aquatic spraying for emergent weeds per acre as needed (option 2):

Sepro galleon at 5 ounces per acre

Required products for aquatic spraying for submersed weeds per acre as needed (option 1):

Basf clearcast at 207 ounces per acre per 100 gallons of water

Required products for aquatic spraying for submersed weeds per acre as needed (option 2):

Aquathol k (aquatic herbicide). Follow manufacturers recommended application rates for control of submersed weeds. Depth of water to be determined by Jefferson Parish prior to treatment.

Required products for aquatic spraying for submersed weeds per acre as needed (option 3):

Sepro sonarone aquatic herbicide. Amount of product to be used to be determined by Jefferson Parish prior to treatment.

Required products for aquatic spraying for submersed weeds per acre as needed (option 4):

Sepro galleon at a rate of 5 ounces per acre-foot. Amount of product to be used to be determined by Jefferson Parish prior to treatment.

Required products for canal bank fertilizer

Regal Harness 30-0-0 liquid slow release fertilizer. 15 gallon per acre rate. Plus Regal Ensemble 0-20-20 at a rate of 15 gallons per acre. Apply with a total of fertilizer and water at a minimum of 80 gallons per acre.

Spot spraying item is the complete turnkey price, including all equipment, labor, and herbicides for application by calibrated handheld spray equipment of 3 oz. Bayer Derigo herbicide plus 6 fl. Oz. of Roundup PROMAX per acre. A non-ionic wetting agent will be required for spot treatment applications. A Jefferson Parish representative will determine limits of spot treating.

Line items for individual products at per acre are included to establish a bid price should the need to increase or decrease the application rate of any of the programs on a given month becomes necessary. These items are not to be used in place of the program items.

Contractor must maintain at minimum one (1) properly equipped roadside Spray Trucks and four (4) other pieces of spray equipment consisting of some combination of Tractors, Atvs, Rtvs, necessary to accomplish the work required An appropriately equipped motor boat and air boat on each side of the river for spraying of assigned canals not accessible to ground operated equipment is also required. Contractor will be required to include gps navigated boomless sprayers capable of spraying behind vehicles and widths from 5 to 35 feet and computer controlled flow rate components on all equipment. Spray rigs must be capable of spraying from 20 – 50 gallons per acre.

EB SPRAY – PROGRAM 1		
CANALS AND DITCHES	TOP ACRES	SLOPE ACRES
CANAL NO. 1 - DUNCAN CANAL TO SENAC DR.	6.50	5.60
CANAL NO. 1 - SENAC DR. TO ELMWOOD CANAL	0.56	0.50
CANAL NO. 2 - DUNCAN CANAL TO POWER BLVD.	2.40	4.60
CANAL NO. 2 - POWER BLVD. TO HARING ROAD	2.60	4.20
CANAL NO. 2 - HARING ROAD TO LAKE AVE.	7.60	16.30
CANAL NO. 3 - DUNCAN CANAL TO TENNESSEE ST.	7.90	3.80
CANAL NO. 3 - TENNESSEE ST. TO TRANSCONTINENTAL DR.	7.80	7.50
CANAL NO. 3 - TRANSCONTINENTAL DR. TO BONNABEL CANAL	0.00	7.10
CANAL NO. 4 - DUNCAN CANAL TO MARYLAND AVE.	1.72	4.40
CANAL NO. 4 - MARYLAND AVE. TO TRANSCONTINENTAL	3.60	14.40
CANAL NO. 4 - TRANSCONTINENTAL DR. TO BONNABEL CANAL	1.10	6.00
CANAL NO. 5 - DUNCAN CANAL TO ROOSEVELT BLVD.	1.10	5.60
CANAL NO. 5 - (N/S) ROOSEVELT BLVD. TO TRANSCONTINENTAL	3.00	9.10
CANAL NO. 5 - (N/S) TRANSCONTINENTAL DR. TO ARNOULT RD.	0.60	2.50
CANAL NO. 5 - (S/S) ROOSEVELT BLVD. TO DAVID DR.	1.16	4.65
CANAL NO. 5 - (S/S) DAVID DR. TO TRANSCONTINENTAL DR.	1.00	4.25
CANAL NO. 5 - (S/S) TRANSCONTINENTAL DR. TO ARNOULT RD.	0.66	2.50
CANAL NO. 6 - FRABILLIES DITCH TO DAVID DRIVE	6.00	4.50
CANAL NO. 6 - DAVID DRIVE TO PLAUCHE DITCH	1.00	1.70
CANAL NO. 7 - DUNCAN CANAL TO CANAL NO. 17	7.20	5.77
CANAL NO. 10 - CANAL NO. 7 TO CANAL NO. 12	4.80	7.40

CANAL NO. 11 - CANAL NO. 10 TO DUNCAN CANAL	2.04	2.66
CANAL NO. 12 - (N/S) CANAL NO. 10 TO DUNCAN CANAL	4.40	2.12
CANAL NO. 12 - (S/S) CANAL NO. 10 TO DUNCAN CANAL	2.50	2.12
CANAL NO. 13 - BUTLER CANAL TO DUNCAN CANAL	5.21	6.10
CANAL NO. 14 - BUTLER CANAL TO CANAL NO. 19	7.62	6.73
CANAL NO. 17 - BUTLER CANAL TO CANAL NO. 7	13.00	6.23
CANAL NO. 19 - AIRPORT PROPERTY TO CANAL NO. 13	0.71	3.32
BONNABEL CANAL - CANAL NO. 3 TO P.S. #1	2.58	1.75
BUTLER CANAL - (E/S) ICRR DITCH TO EMERSON DRIVE	3.30	2.60
BUTLER CANAL - (E/S) EMERSON DRIVE TO PARISH LINE P.S.	0.75	0.48
BUTLER CANAL - (W/S) ICRR DITCH TO I-10	2.70	2.20
BUTLER CANAL - (W/S) I-10 TO PARISH LINE P.S.	1.52	0.97
CANAL ST. CANAL - I-10 TO LAKE AVE.	0.57	1.60
CROSS CANAL - ST. PETERS DITCH TO CROSS CANAL	9.87	11.29
DUNCAN CANAL - AIRLINE DR. TO CANAL NO. 2	3.63	4.30
DUNCAN CANAL - CANAL NO. 2 TO P.S. # 4	8.97	6.40
ELMWOOD CANAL - CANAL NO. 3 TO P.S. # 3	0.52	0.00
LOYOLA CANAL - VINTAGE DR. TO CANAL NO. 7	0.50	3.39
SONIAT CANAL - MAZOUÉ DITCH TO CROSS CANAL	0.71	0.25
SONIAT CANAL - CROSS CANAL TO CANAL NO. 5	4.36	4.60
SONIAT CANAL - CANAL NO. 5 TO CANAL NO. 3	4.36	4.60
SUBURBAN CANAL - CANAL NO. 5 TO P.S. #2	4.25	0.00
BROWN MILLER DITCH - EDWARDS AVE. TO CROSS CANAL	2.00	2.75
LP&L RIGHT OF WAY - WEST METAIRIE TO CANAL NO. 3	25.00	0.00
CLEARVIEW PONDS A,B,C,D,E,F,G,H,& I	0.00	25.00
AIRPORT ENTRANCE DITCH-BELLGROVE DITCH TO TACA DITCH	0.00	1.13
CAINS DITCH-JEFFERSON HWY. TO SONIAT CANAL	0.00	3.02
TOTAL TOP ACRES = 179.37 ACRES		
TOTAL SLOPE ACRES = 227.98 ACRES		
GRAND TOTAL ACRES = 407.35 ACRES		

EB SPRAY – PROGRAM 2		
CANALS AND DITCHES	TOP ACRES	SLOPE ACRES
CANAL NO. 18 - AIRPORT PROPERTY TO CANAL NO. 14	0.00	2.00

CANAL NO. 15 - AIRPORT PROPERTY TO BUTLER CANAL	0.00	2.94
HOEY'S CANAL - ARNOULT ROAD TO AIRLINE DRIVE	0.00	4.30
TACA CANAL - SERVICE ROAD TO BUTLER CANAL	0.00	3.30
BETZ DITCH - JEFFERSON HIGHWAY TO LAURA STREET	0.44	0.00
BONNABEL CANAL R/W - CANAL NO. 3 TO CANAL NO. 4	3.04	0.00
CHETTA DITCH CULVERT - VETERANS HWY. TO CANAL NO. 3	0.24	0.00
E. RIO VISTA DITCH R/W - SAN JOSE TO HOEY'S CANAL	0.32	0.00
GREEN ACRES CULVERT - CANAL NO. 4 TO VETERANS BLVD.	1.80	0.00
HICKORY DITCH R/W - HICKORY AVE TO WEST 125'	0.08	0.00
ICRR DITCH R/W - RICHARD TO SOPHIA	0.40	0.00
SEAFOOD DITCH CULVERT - JEFFERSON HWY. TO MAZOUÉ DITCH	0.51	0.00
SHADY TRAIL DITCH CULVERT - HILTON ST. TO AIRLINE HWY.	0.34	0.00
ST. MARTIN DITCH CULVERT - AVRON BLVD. TO CANAL NO. 2	1.00	0.00
STEVENS DITCH R/W - HESTER ST. TO SONIAT CANAL	0.51	0.00
TELEPHONE DITCH CULVERT - JEFFERSON HWY TO ICRR DITCH	0.28	0.00
W. RIO VISTA DITCH CULVERT - SAN JOSE TO HOEY'S CANAL	0.34	0.00
WWL DITCH R/W - MADELYN LN. TO ICRR DITCH	0.33	0.00
GEISENHEIMER CANAL	0.60	0.00
HILLING DITCH R/W - PHYLLIS COURT NORTH 1200'	0.41	0.00
ARNOULT DITCH R/W - EXPRESSWAY TO ROBERTSON	0.60	0.00
CROCHET DITCH - POWERLINE DITCH TO ICRR/R TRACKS	0.00	10.00
"K" ST. DITCH - EDWARDS AVE. TO SAMS ST.	0.00	0.10
A & P WAREHOUSE DITCH-JEFF. HWY. TO ELMWOOD PK BLVD.	0.00	1.83
ACADIA ST. DITCH - IVY ST. TO MISTLETOE	0.00	0.50
BLAIR DR. DITCH - BLAIR DR. TO PLAUCHE DITCH	0.00	1.50
BUTLER DITCH-AIRLINE DR. TO ICRR DITCH	0.00	1.50
DUNCAN DITCH - KCS R/R TO AIRLINE HWY.	0.00	1.04
E. CEMETERY DITCH-MILAN ST. TO CANAL NO. 6	0.00	0.30
EARHART DITCH-ARNOULT DITCH TO WEST 500'	0.00	0.20
FROST ST. DITCH-EDWARDS AVE. TO SAMA ST.	0.00	0.30
HICKORY AVE. DITCH-ICRR TO DICKORY AVE.	0.00	0.50
HORD ST. DITCH-RATH ST. TO BEVEN ST.	0.00	0.50
ICRR DITCH-CENTRAL AVE. TO UPPER KRAAK DITCH	0.00	0.20
ICRR DITCH-FILMORE ST. TO RICHARD ST.	0.00	0.40
ICRR DITCH-KENNER AVE. TO BUTLER CANAL	0.00	4.41
ICRR DITCH-PLAUCHE DITCH TO CLEARVIEW PKWY.	0.00	0.72

ICRR DITCH-SHREWSBURY TO CAUSEWAY BLVD.	0.00	1.80
ICRR DITCH-SOPHIA ST. TO PARK RIDGE DR.	0.00	0.57
ICRR DITCH-TUDOR POND TO LITTLE FARMS AVE.	0.00	0.30
COLONIAL GOLF CLUB DITCH - RIVER LEVEE TO JEFFERSON HWY.	0.00	0.60
ICRR DITCH - PARK RIDGE TO DILTON	0.00	1.85
JARVIS ST. DITCH-EDWARDS AVE. TO SAMS ST.	0.00	0.30
KC R/R R/R DITCH-FILMORE ST. TO S. STARRETT ROAD	0.00	1.00
KC R/R DITCH - CLEARY AVENUE TO DIVISION STREET	0.00	6.00
KC R/R DITCH - DAVID DRIVE TO BELL VIEW ST.	0.00	2.38
L & A DITCH - RIVER RD. TO HOEY'S CANAL	0.00	1.83
L & A ROAD DITCH - L & A RD. TO HOEY'S CANAL	0.00	0.90
LOUMOR DITCH - LAKE AVE. TO CARROLLTON AVE.	0.00	0.50
MARYLAND DITCH-AIRLINE HWY. TO OXFORD ST.	0.00	0.10
MAYO DITCH - JEFFERSON HWY. TO MORTON ST.	0.00	0.61
MAZOUÉ DITCH - SEAFOOD DITCH TO SONIAT CANAL	0.00	4.13
PELICAN TOMATO DITCH - HILL ST. TO ST. PETERS DITCH	0.00	1.01
PLAUCHE DITCH - CROSS CANAL TO CANAL NO. 6	0.00	2.83
POWELL ST. DITCH-EDWARDS AVE. TO SAMS ST.	0.00	0.30
POWERLINE DITCH-RIVER RD. TO TIME SAVER AVE.	0.00	2.15
PUBLIC BELT R/R DITCH - ST. PETERS DITCH TO BETZ DITCH	0.00	5.74
PUBLIC BELT R/R DITCH - HILL ST. TO ST. PETERS DITCH	0.00	1.70
RHEEMS DITCH - JEFFERSON HWY. TO ST. PETERS DITCH	0.00	0.50
SAMS AVE. DITCH - "G" ST. TO SALMEN AVE.	0.00	1.81
ST. PETERS DITCH - AIRLINE DR. TO CANAL NO. 5	0.00	2.20
ST. PETERS DITCH - RIVER ROAD TO AIRLINE DR.	0.00	1.40
UPLAND DITCH - DRURY ST. TO CANAL NO. 4	0.00	0.30
UPPER KRAAK DITCH CULVERT - SOUTH DR. TO BRADLEY DR.	0.00	0.16
WOODWARD DITCH - JEFFERSON HWY. TO FERRAN DR.	0.00	0.60
EARHART STOCKPILE	10.00	0.00
CAUSEWAY-SHREWSBURY RETENTION POND	15.00	0.00
TOTAL TOP ACRES = 36.24 ACRES		
TOTAL SLOPE ACRES = 80.11 ACRES		
GRAND TOTAL ACRES = 116.35 ACRES		
WESTBANK DRAINAGE SPRAY APPLICATION		
PROGRAM 1		

CANALS		
	SLOPE ACRES	TOP ACRES
APPLEBY DITCH (ANTOINETTE ST. - VERRET CANAL)	0.47	0.98
AMES CANAL (MAYRONNE CANAL - AMES P.S.)	13.04	19.47
AVENUE D CANAL (10TH ST. - TWO MILE CANAL)	2.37	0.86
BAYOU BARATARIA OUTFALL CANAL (N. O. PARISH LINE - HERO PUMP STATION)	16.97	28.4
BAYOU DES FAMILLES (COUSINS BLVD. - V LEVEE.)	24.25	32.39
BAYOU FATMA CANAL (THREE MILE CANAL - BAYOU BARATARIA.)	7.89	21.41
BENT TREE CANAL (PIPELINE CANAL - PRITCHARD DITCH)	2.75	8.14
BRIDGE CITY CANAL #3 (FIRE TRAINING CENTER - LABRANCH CANAL)	2.55	6.08
BROWN CANAL (EXPRESSWAY - GARDERE CANAL)	2.42	3.59
CALIFORNIA CO. CANAL (TWO MILE CANAL - COUSINS CANAL.)	4.3	4.39
CANAL "C" -BRIDGE CITY (BRIDGE CITY CANAL #3 - LP&L #1)	0.84	4.62
COULEE CANAL (HASSEL'S TRAIL. PK. - BAYOU BARATARIA OUTFALL CANAL)	7.73	9.11
COUSINS CANAL (COUSINS P. S. - BAYOU DES FAMILLES)	3.92	10.04
DEERRUN CANAL (DESTRAHAN AVE - WOODMERE CANAL)	0.62	1.95
DOUGLAS CANAL (4TH ST. - TWO MILE CANAL)	3.1	3.39
DUGUES CANAL (4TH ST. - MAYRONNE CANAL)	3.15	1.12
EHRET DITCH (AMES BLVD. - AMES CANAL)	1.27	1.42
FIRST AVENUE CANAL (TWO MILE CANAL - COUSINS PS)	4.68	10.2
FORTADO CANAL (INDUSTRY CANAL - BAYOU FATMA)	5.95	10.22
FOURTH ST. DITCH (BARATARIA B LVD. - DESTRAHAN AVE.)	3.5	3.19
GARDERE CANAL (8TH ST. - MURPHY CANAL.)	8.13	11.16
GIAISE CANAL (AMES BLVD. - GULIZO CANAL)	1.89	2.02
GLENDELLA CANAL (RAILROAD TRACKS - HWY 90)	5.44	5.28
GRAND CROSS #1 CANAL (MAYRONNE CANAL - WATLING DR.)	2.5	4.02
GRAND CROSS #2 CANAL (MAYRONNE CANAL - AMES BLVD.)	8.26	15.7
GULIZO CANAL (TWO MILE CANAL - AMES CANAL.)	7.14	7.05
HEBEE CANAL (EXPRESSWAY - VERRET CANAL)	8.71	13.39
HOOTER DITCH (RIVER ROAD - LA 18)	1.6	4.92
INDUSTRY CANAL (FAIRFIELD AVE - OAKWOOD CANAL)	2.74	2.52
KELLY CANAL (MADERIA ST. - MAIN CANAL)	2.2	3.92
KENTA CANAL (OAK COVE LEVEE - MILLAUDON CANAL)	0.5	1.47
KEYHOLE CANAL (4TH ST. - WESTWEGO OUTFALL CANAL)	1.68	4.43

MAIN CANAL (AVONDALE GARD. RD. - L.P.&L CANAL #1)	15.21	31.02
MAYRONNE CANAL N/S (DUGUES CANAL - AMES CANAL.)	5.97	6.11
MILLAUDON CANAL (SEIVERS CANAL - OAK COVE LEVEE.)	12.07	6.94
MURPHY CANAL (LAPALCO BLVD - BAYOU BARATARIA)	6.84	13.84
NINE MILE RD. CANAL (BRIDGE CITY AVE. - WEIGAND DITCH)	1.03	3.64
NORTH RAILROAD CANAL (SAUL'S CANAL - ST. CHARLES PARISH LINE LEVEE)	2.65	3.6
OAKWOOD CANAL (HOLMES BLVD. - BAYOU FATMA)	9.38	10.89
PAR 3 DITCH (VULCAN - WOODLAND W SUBDIVISION)	1.25	47.65
PIPELINE CANAL (COUSINS CANAL - V LEVEE)	16.19	25.8
POWERLINE CANAL (HARVEY CANAL - PIPELINE CANAL)	2.53	4.74
RAILROAD CANAL (SHORT ST. DITCH- BAYOU SEGNETTE PUMP STATION)	3.83	4.25
SAUL'S CANAL (RIVER ROAD - WAGGAMAN CANAL)	12.35	14.22
SAUL'S DITCH (RIVER ROAD - N. RAILROAD CANAL)	4.03	6.78
STALL #1 DITCH (CERRITAS VIA - VERRET CANAL)	1.33	2.49
SWIFT CO. CANAL (FOURTH ST. - TWO MILE CANAL)	1.46	5.07
TERRY PARKWAY CANAL (CAROL SUE - INDUSTRY CANAL)	2.91	0.67
THREE MILE CANAL (PETERS RD. - HEBEE CANAL)	6.95	9.15
VERRET CANAL (BELLE CHASSE HWY. - BAYOU BARATARIA O/F CANAL)	4.94	13.2
WAGGAMAN CANAL (SAULS CANAL - INNER CATAOUATCHE CANAL)	5.6	17.37
WESTWEGO OUTFALL CANAL (WESTWEGO PS - WESTWEGO AIRPORT)	8.11	1.05
WEYERAUCH CANAL (BELLE CHASE HWY - BAYOU FATMA)	1.66	2.78
WHISKEY BAYOU CANAL (LA 18 - BAYOU SEGNETTE PS)	8.15	11.04
WHISKEY BRANCH CANAL (LA 18 - WHISKEY BAYOU CANAL)	4.1	10.36
WHITNEY CANAL (DONNER CANAL - BELLE CHASSE HWY.)	2.95	1.8
WIEGAND DITCH (LA. 18 - LP&L #2)	1.84	3.56
WINN DIXIE DITCH (HWY. 90 - CONTAINER YARD @ RAILROAD CO.)	1.25	3.49
WOODMERE CANAL (DEERRUN CANAL - POWERLINE CANAL)	2.68	1.14
WRIGHT AVENUE CANAL (TERRY PKWY - BELLE CHASE HWY)	4.28	4.27
W.P.A. CANAL (WESTWEGO P.S. - KEYHOLE CANAL)	1.55	2.6
ANNA ST. DITCH (LA 45 - PEN LEVEE)	0.06	0.07
AVONDALE CANAL (HWY. 90 - MAIN CANAL)	3.67	10
AVONDALE GARDEN RD. CANAL (HWY 90 - CAT. P.S.)	9.32	18.27
AVONDALE HOLMES (HWY. 90 NORTH) (AVONDALE CANAL - GLENDELLA CANAL)	4.58	6.48

AVONDALE HOLMES (HWY. 90 SOUTH) (LAPALCO BLVD. - AVONDALE GARDEN ROAD)	1	2.32
B & C CANAL (4TH ST. - 2 MILE CANAL)	1.7	4.08
BREAUX DITCH (AMES BLVD. - PRITCHARD DITCH)	1.72	3.84
BRICKWALL CANAL (4TH ST. - MAYRONNE CANAL)	2.16	1.84
CAMPHOR DITCH (ORCHID ST - SWIFT CANAL)	0.09	0.03
CANAL C - MARRERO (BAYOU DES FAMILLIES - V LEVEE CANAL)	7.55	10.01
CANAL D (AMES BLVD - B & C CANAL)	0.89	0.13
CANAL G (PIPELINE CANAL - POWERLINE CANAL)	8.27	18.37
CARDINAL DITCH (CRESTWOOD DR. - PIPELINE CANAL)	0.44	1.04
CENTRAL ST DITCH (LA 45 TO PEN LEVEE)	0.1	0.15
COMMERCE DITCHES (COMMERCE ST - FORTADO CANAL)	0.37	0.07
CROWN POINT P.S. CANAL (P.S. SOUTH TO LAFITTE-LAROSE HWY)	0.22	0.33
DESTREHAN DITCH (INWOOD DR. - CANAL "G")	1.31	1.34
DEUTSCH DITCH (TAFFY DR. - PRITCHARD DITCH)	0.84	0.9
ETHEL DITCH (LA 45 - PEN LEVEE)	0.1	0.15
FLEMING CANAL (LEVEE - P.S. BY VERRETT ST.)	0.41	0.36
GRAND ISLE TRACK DITCH (BEHRMAN HWY. - WHITNEY CANAL)	1.24	0.94
INNER CATAOUATCHE (HWY. 90 P.S. - BAYOU SEGNETTE)	17.42	23.62
JACKSON DITCH (LA 45 - PEN LEVEE)	0.1	0.15
JUSTICE DITCH (4TH ST. - EXPRESSWAY)	2.51	3.22
KLIEN ST. DITCH (KLIEN ST. - AVENUE C)	1.04	3.24
L P & L #1 CANAL (RIVER RD. - MAIN CANAL.)	8.93	19.24
L P & L #2 CANAL (LA 18 - LP&L #1 CANAL AT R.R.)	1.01	4.78
LABRANCH CANAL (BRIDGE CITY CANAL #3 - MAIN CANAL)	2.93	6.78
LATERAL CANAL #1 (HWY. 90 - INNER CATAOUATCHE CANAL)	5.59	9.9
LATERAL CANAL #3 (HWY. 90 - MARSH CANAL)	3.31	5.31
LATIGUE ROAD DITCH (RAILROAD TRACKS - FOUNDRY ST.)	0.88	3
LINCOLNSHIRE DITCH (LINCOLNSHIRE DR - BAYOU SEGNETTE PS)	0.26	0.46
MARSH CANAL (AVONDALE GARDEN RD - LATERAL #1 CANAL)	7.57	5.72
MODERN FARMS DITCH (MANOR LANE TO LIVE OAK - WAGGAMANN CANAL)	2.83	7.9
MORNINGSIDE DITCH (SO. KENNER RD - SO KENNER CANAL)	0.66	0.71
NINETH ST DITCH (EDISON DITCH - QUEENS LEVEE)	0.2	0.95
NORTH RAILROAD DITCH (AVONDALE GARDEN RD - WILLSWOOD)	0.5	0.49
NUNEZ SDT DITCH (LA 45 - PEN LEVEE)	0.1	0.27
OAK FOREST DITCH #4 (SANDPIPER CIR - BAYOU DES FAMILLES)	1.12	1.91

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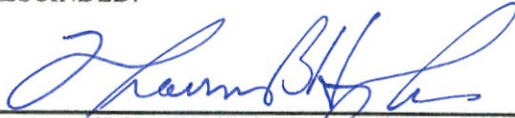
CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Opterra Solutions, Inc
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Opterra Solutions, Inc
INCORPORATED, DULY NOTICED AND HELD ON January 1st 2023,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

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

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



SECRETARY-TREASURER

1/23/23

DATE

**UNANIMOUS WRITTEN CONSENT
OF THE BOARD OF DIRECTORS OF
OPTERRA SOLUTIONS
IN LIEU OF A SPECIAL MEETING
(re: Officers of Opterra Solutions, Inc.)**

as of January 1, 2023

The undersigned, being all of the members (each a “Director”) of the Board of Directors (the “Board”) of Opterra Solutions, Inc., a South Carolina corporation, formerly known as NaturChem, Inc. (the “Company”), in lieu of a special meeting of the Directors, the call and notice of which are hereby expressly waived, sign this instrument, or a counterpart hereof, to evidence their consent to the resolutions set forth below, with the same force and effect as if such resolutions were adopted by unanimous vote at a duly called meeting of the Directors:

Appointment of Executive Officers

WHEREAS, pursuant to Article VI, Section 7 of the Bylaws of the Company, the Board has the power to elect and appoint officers of the Company;

WHEREAS, Article IV, Section 8 of the Bylaws of the Company provides that any action which may be taken at a meeting of the Board may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all the Directors and filed with the minutes of the proceedings of the Board, whether done or before or after the action so taken;

WHEREAS, the Board desires to appoint the Company’s executive officers, effective as of January 1, 2023.

NOW, THEREFORE, BE IT:


RESOLVED, that the following persons shall serve as the executive officers of the Company, in the capacity noted:

Nicholas Hook	Chief Executive Officer
Lance Daniel	Chief Operations Officer
Thomas Hughes	Chief Financial Officer, Secretary, Treasurer

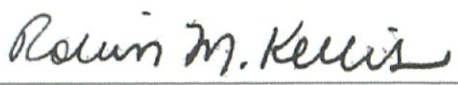
FURTHER RESOLVED, that all actions taken by the Board with regard to the subject matter of the foregoing resolutions prior to the date hereof shall be and hereby are approved, adopted, ratified and affirmed.


EXECUTED effective as of January 1, 2023.

DIRECTORS:


Rom Kellis, III


Rom Kellis, IV


Robin Kellis


Rhett Kellis

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
OPTERRA SOLUTIONS, INC.	Business Corporation (Non-Louisiana)	GILBERT	Active

Previous Names

NATURCHEM, INC. (Changed: 1/17/2023)

Business: OPTERRA SOLUTIONS, INC.

Charter Number: 36416578F

Registration Date: 3/29/2007

Domicile Address

1159 FLOWERS ROAD
GILBERT, SC 29054

Mailing Address

1159 FLOWERS ROAD
GILBERT, SC 29054

Principal Business Office

1159 FLOWERS ROAD
GILBERT, SC 29054

Registered Office in Louisiana

1070-B WEST CAUSEWAY APPROACH
MANDEVILLE, LA 70471

Principal Business Establishment in Louisiana

2807 SOUTH RUBY AVENUE
GONZALES, LA 70737

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 3/29/2007

Last Report Filed: 2/28/2022

Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: CORPORATE CREATIONS NETWORK, INC.
Address 1: 1070-B WEST CAUSEWAY APPROACH
City, State, Zip: MANDEVILLE, LA 70471
Appointment Date: 3/29/2007

Officer(s)

Additional Officers: No

Officer: ROM D. KELLIS, III
Title: Officer
Address 1: 1159 FLOWERS ROAD
City, State, Zip: GILBERT, SC 29054

Officer: ROM D. KELLIS, IV
Title: Officer
Address 1: 1159 FLOWERS ROAD
City, State, Zip: GILBERT, SC 29054

Officer: RHETT KELLIS
Title: Officer
Address 1: 1159 FLOWERS ROAD
City, State, Zip: GILBERT, SC 29054

Officer: THOMAS HUGHES
Title: Secretary/Treasurer, Officer
Address 1: 1159 FLOWERS ROAD
City, State, Zip: GILBERT, SC 29054

Officer: LANCE C. DANIEL
Title: Officer
Address 1: 1159 FLOWERS ROAD
City, State, Zip: GILBERT, SC 29054

Amendments on File (3)

Description	Date
Stmt of Chg or Chg Prin Bus Off	4/16/2007
Stmt of Chg or Chg Prin Bus Off	11/23/2011
Name Change	1/17/2023

R. Kyle Ardoin
SECRETARY OF STATE

State of Louisiana
Secretary of State



COMMERCIAL DIVISION
225.925.4704

01/17/2023

Administrative Services
225.932.5317 Fax
Corporations
225.932.5314 Fax
Uniform Commercial Code
225.932.5318 Fax

ONLINE FILING
Ariana@corpcreations.com

OPTERRA SOLUTIONS, INC.

It has been a pleasure to approve and place on file your name change. The appropriate evidence is attached for your files.

Payment of the filing fee is acknowledged by this letter.

In addition to email and text notifications, business owners now have the option to enroll in our secured business filings (SBF) service. This service is available online, at no charge, by filing a notarized affidavit. Upon enrollment, an amendment cannot be made to your entity without approval using your personal identification number. This is another way to protect your business from fraud and identity theft.

Please note that as of January 1, 2018, business owners in the following parishes will be required to file all available business documents online through **geauxBIZ**: Ascension, Bossier, Caddo, Calcasieu, East Baton Rouge, Jefferson, Lafayette, Livingston, Orleans, Ouachita, Rapides, St. Tammany, Tangipahoa and Terrebonne.

Online filing options are available if changes are necessary to your registration or if you need to file an annual report. Please visit our website at **GeauxBiz.com** for your future business needs.

Sincerely,

The Commercial Division
WEB

R. Kyle Ardoin
SECRETARY OF STATE

State of Louisiana
Secretary of State



January 17, 2023

COMMERCIAL DIVISION
225.925.4704

Administrative Services

225.932.5317 Fax

Corporations

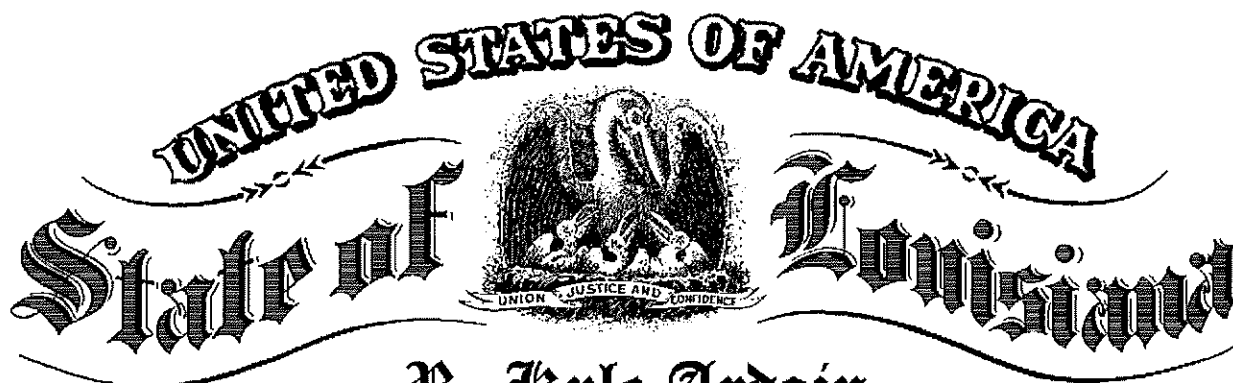
225.932.5314 Fax

Uniform Commercial Code

225.932.5318 Fax

The attached document of OPTERRA SOLUTIONS, INC. was received and filed on
January 17, 2023.

WEB 36416578F



R. Kyle Ardoin

SECRETARY OF STATE

As Secretary of State of the State of Louisiana I do hereby Certify that

an Amended Application for Certificate of Authority form of

NATURCHEM, INC.

Domiciled at GILBERT, SOUTH CAROLINA, changing the corporate name to

OPTERRA SOLUTIONS, INC.

Was filed and recorded in this Office on January 17, 2023.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

January 17, 2023

Secretary of State

WEB36416578F



Certificate ID: 11674355#3PK73

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.
www.sos.la.gov

STATE OF LOUISIANA
NAME CHANGE AMENDMENT

R.S. 12:307

Old Name:

NATURCHEM, INC.

New Name:

OPTERRA SOLUTIONS, INC.

Mailing Address:

1159 FLOWERS ROAD
GILBERT, SC, 29054

Principal office address in state or country of incorporation/organization:

1159 FLOWERS ROAD
GILBERT, SC, 29054

Principal business office address:

1159 FLOWERS ROAD
GILBERT, SC, 29054

Principal business establishment in Louisiana:

2807 SOUTH RUBY AVENUE
GONZALES, LA, 70737

Federal Employer Identification Number (FEIN):

Registered office address in Louisiana:

1070-B WEST CAUSEWAY APPROACH
MANDEVILLE, LA, 70471

Agent Name:

CORPORATE CREATIONS NETWORK, INC.
1070-B WEST CAUSEWAY APPROACH
MANDEVILLE, LA, 70471

Nature of Business to be transacted in Louisiana (optional):

Officer/Director Name:

ROM D. KELLIS, III (OFFICER)
1159 FLOWERS ROAD
GILBERT, SC, 29054

ROM D. KELLIS, IV (OFFICER)
1159 FLOWERS ROAD
GILBERT, SC, 29054

RHETT KELLIS (OFFICER)
1159 FLOWERS ROAD

GILBERT, SC, 29054

THOMAS HUGHES (SECRETARY/TREASURER, OFFICER)

1159 FLOWERS ROAD

GILBERT, SC, 29054

LANCE C. DANIEL (OFFICER)

1159 FLOWERS ROAD

GILBERT, SC, 29054

The filing of a false public record, with the knowledge of its falsity, is a crime, subjecting the filer to fine or imprisonment or both under R.S. 14:133.

BY TYPING MY NAME BELOW, I HEREBY CERTIFY THAT I AM AN OFFICER.

ELECTRONIC SIGNATURE: THOMAS HUGHES (1/9/2023)

TITLE: SECRETARY

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

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

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

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

☒ WORKER'S COMPENSATION INSURANCE

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

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

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

☒ COMMERCIAL GENERAL LIABILITY

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

☒ COMPREHENSIVE AUTOMOBILE LIABILITY

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

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

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

UMBRELLA LIABILITY COVERAGE

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

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required if selected below. Such insurance is due upon contract execution.

☐ OWNER'S PROTECTIVE LIABILITY

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

☐ 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.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/20/2023

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 Arthur J. Gallagher Risk Management Services, LLC 115 Central Island Street Suite 100 Charleston SC 29492	CONTACT NAME: Joy St. Martin PHONE (A/C, No. Ext): 843-972-4721 E-MAIL ADDRESS: joy_st.martin@ajg.com FAX (A/C, No): 843-577-5062														
INSURED Opterra Solutions, Inc. 270 BRUNER RD LEXINGTON, SC 29072-3767	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: National Union Fire Insurance Company of Pittsburg</td><td>19445</td></tr><tr><td>INSURER B: Commerce and Industry Insurance Company</td><td>19410</td></tr><tr><td>INSURER C: Colony Insurance Company</td><td>39993</td></tr><tr><td>INSURER D: New Hampshire Insurance Company</td><td>23841</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: National Union Fire Insurance Company of Pittsburg	19445	INSURER B: Commerce and Industry Insurance Company	19410	INSURER C: Colony Insurance Company	39993	INSURER D: New Hampshire Insurance Company	23841	INSURER E:		INSURER F:	
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INSURER D: New Hampshire Insurance Company	23841														
INSURER E:															
INSURER F:															

COVERAGES**CERTIFICATE NUMBER:** 353128337**REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	Y		5268252	6/30/2022	6/30/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y		4489734	6/30/2022	6/30/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 3,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			BE060738356	6/30/2022	6/30/2023	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 Prod/Co Aggregate \$ 10,000,000
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	15893849	6/30/2022	6/30/2023	<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	Pollution Liability \$25,000 Deductible			CPLUS4281249	6/30/2022	6/30/2023	Each Occurrence \$1,000,000 Policy Limit \$2,000,000

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

Additional Insured included per forms CG 20 15 12 19, CG2033 12 19 & CG2037 12 19 (GL), 87950 9-14 (Auto).

RE: Bind # 50-00132883 Jefferson Parish Department of Public Works- Drainage Jefferson Parish, its Districts Department and Agencies under the direction of the Parish President and the Parish Council are an Additional Insured as respects General liability and Auto liability policies pursuant to and subject to the policy's terms, definitions, conditions and exclusions.

CERTIFICATE HOLDER**CANCELLATION**

Jefferson Parish
P.O. Box 9
Gretna LA 70054
USA

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

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - VENDORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s) (Vendor)	Your Products
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II 6 Who Is An Insured is amended to include as an additional insured any person(s) or organization(s) (referred to throughout this endorsement as vendor) shown in the Schedule of this endorsement, but only with respect to liability for "bodily injury" or "property damage" arising out of "your products" shown in the Schedule of this endorsement which are distributed or sold in the regular course of the vendor's business.

However:

1. The insurance afforded to such vendor only applies to the extent permitted by law; and
2. If coverage provided to the vendor is required by a contract or agreement, the insurance afforded to such vendor will not be broader than that which you are required by the contract or agreement to provide for such vendor.

B. With respect to the insurance afforded to these vendors, the following additional exclusions apply:

1. The insurance afforded the vendor does not apply to:

- a. "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
- b. Any express warranty unauthorized by you;
- c. Any physical or chemical change in the product made intentionally by the vendor;
- d. Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
- e. Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

- f. Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;
- g. Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or
- h. "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:
 - (1) The exceptions contained in Subparagraphs d. or f.; or
 - (2) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

- 2. This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

C. With respect to the insurance afforded to these vendors, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the vendor is required by a contract or agreement, the most we will pay on behalf of the vendor is the amount of insurance:

- 1. Required by the contract or agreement; or
- 2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - OWNERS, LESSEES OR
CONTRACTORS - AUTOMATIC STATUS WHEN
REQUIRED IN A WRITTEN CONSTRUCTION
AGREEMENT WITH YOU**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy. Such person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

A person's or organization's status as an additional insured under this endorsement ends when your operations for that additional insured are completed.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

1. "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- a. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional architectural, engineering or surveying services.

2. "Bodily injury" or "property damage" occurring after:

- a. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
- b. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement you have entered into with the additional insured; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED - OWNERS, LESSEES OR CONTRACTORS - COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
ANY PERSON OR ORGANIZATION WHOM YOU BECOME OBLIGATED TO INCLUDE AS AN ADDITIONAL INSURED AS A RESULT OF ANY CONTRACT OR AGREEMENT YOU HAVE ENTERED INTO.	PER THE CONTRACT OR AGREEMENT.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

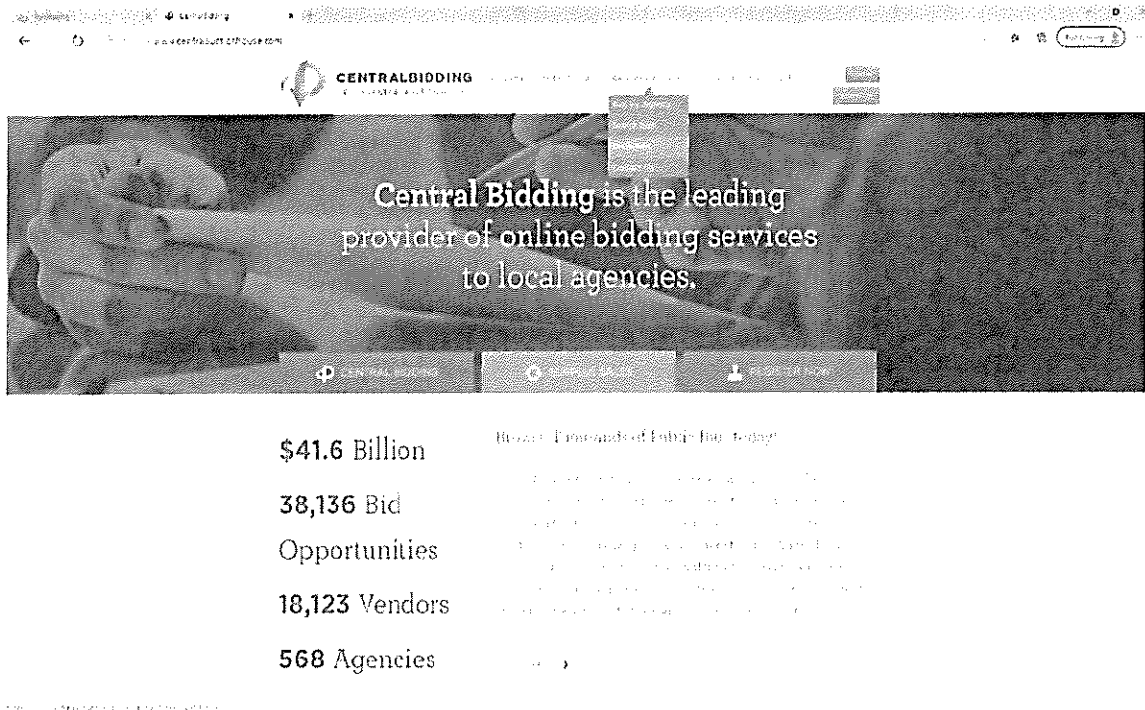
whichever is less.

This endorsement shall not increase the applicable limits of insurance.

Bid Bond

An Electronic Bid Bond must be submitted with this bid, through one of the respective clearing houses at www.jeffparish.net or www.centralbidding.com. To access the bonding companies on Central Bidding, hover over the "Central Bidding" link at the top of the page and select the "Bid Bonds" link.

The electronic bid bond number is to be placed in the required section listed on the standard envelope. Scanned copies of bid bonds will not be accepted with your submission.





01-23-2023

Bid Bond in Accordance with Contract Specifications

SLA01231481

Opterra Solutions, Inc

Bond Number

Principal Name

270 Bruner Road, Lexington, SC, 29072, US

Principal Address

Principal Signature

Jefferson Parish

200 Derbigny Street, Gretna, LA, 70053, US

Owner/Obligee Name

Owner/Obligee Address

Bond Information

01-24-2023

Travelers Casualty and Surety Company
of America

17934

Bid Date

Surety

Contractor Vendor ID Number

50-00140721

Contract ID Number

Supply Herbicides, Labor and Equipment to Control Weeds and Undesired Vegetation on Drainage Canals, Ditches and Servitudes on the East and West Bank of Jeff Parish for the Jefferson Parish Department -Drainage

Description of Job

5 % Surety bond is due with bid
submission

Amount of Bid Security

Bid Security Maximum

5%

Bid Security Percentage

Laura J Tharp

Producer

Gallagher

Bond Entered and Executed By

Primary Agency

Attorney-In-Fact Signature

Know all men by these presents that Travelers Casualty and Surety Company of America, a Corporation duly organized under the laws of the State of CT, are held and firmly bound unto the above owner/obligee by the transmission. The surety agrees to waive the statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.





Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Laura J Tharp** of **Charleston**, **SC**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge the following bond:

Surety Bond No.:
OR **SLA01231481**
Project Description:

Principal: **Opterra Solutions, Inc**

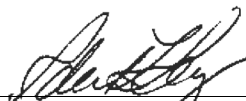
Obligee: **Jefferson Parish**

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

City of Hartford ss.

By: 
 Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

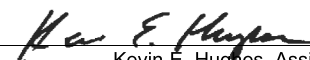
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **23** day of **01**, 2023.




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



Non-Public Works Bid Affidavit Instructions

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

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF South Carolina

PARISH/COUNTY OF Lexington

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

Daniel, (Affiant) who after being by me duly sworn, deposed and said that

he/she is the fully authorized CDO of Dpterra Solutions Inc (Entity),

the party who submitted a bid in response to Bid Number 50-00140721 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

Choice A _____

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

Choice B X

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

Debt Disclosures

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

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

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

Affiant further said:

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

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

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

L D

Signature of Affiant

Lance Daniel

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 23rd DAY OF January, 2023

Sammi Malawski

Notary Public

Sammi Malawski

Printed Name of Notary



Notary/Bar Roll Number

My commission expires 11/7/29



LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN D V M, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3003, Baton Rouge, LA 70806, (225) 925-3796, FAX (225) 925-3760

License No. 00210F

Date: 01/23/2023

OPTERRA SOLUTIONS, INC

Please verify information for correctness. If changes are necessary, make corrections and promptly return to issuing agency.

Louisiana Department of Agriculture & Forestry

Mike Strain DVM, Commissioner

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3003, Baton Rouge, LA 70806

Be it known, that effective Jan 1, 2023 through Dec 31, 2023 having complied with all relevant requirements of the Louisiana Revised Statutes, the entity named below is hereby authorized to engage in the business of **GROUND OWNER OPERATOR**.

OPTERRA SOLUTIONS, INC
270 BRUNER ROAD
LEXINGTON SC 29072

Mike Strain
Commissioner

DISPLAY IN A PROMINENT PLACE.

License No: 00210F

2341

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

Agricultural & Environmental Sciences
5825 Florida Blvd., Suite 3003
Baton Rouge, LA 70806



IMPORTANT
OFFICIAL DOCUMENT ENCLOSED

OPTERRA SOLUTIONS, INC
270 BRUNER ROAD
LEXINGTON SC 29072

COMMERCIAL APPLICATOR
ANDREW W ARSI
14334 SUN HARBOR DRIVE
HOUSTON SC 77062

0040PX

Expiration Date: 12/31/2023

A handwritten signature in black ink that reads "Mike Strain". The signature is fluid and cursive, with the first letters of "Mike" and "Strain" being capitalized and prominent.

Mike Strain, DVM COMMISSIONER



Certified licensed or Registered as
(CAPP) Commercial Applicator

Categories

- 3 - Ornamental & Turf Pest Control
- 5A - Aquatic Pest Control
- 6 - Right-Of-Way & Industrial Pest

Recertify By

- 10/13/2025
- 10/13/2025
- 10/13/2025

Signature: De A

LDAF EMERGENCY HOTLINE: 855-452-5323
LA POISON CONTROL CENTER: 800-222-1222

COMMERCIAL APPLICATOR
LEE D GLASGOW
3504 CYPRESS AVENUE
ST GABRIEL SC 70776

003CV3

Expiration Date: 12/31/2023

A handwritten signature in black ink that reads "Mike Strain". The signature is fluid and cursive, with the first letters of "Mike" and "Strain" being capitalized and prominent.

Mike Strain, DVM COMMISSIONER



Certified licensed or Registered as
(CAPP) Commercial Applicator

Categories

5A - Aquatic Pest Control

6 - Right-Of-Way & Industrial Pest

Recertify By

02/09/2024

02/09/2024

Signature: _____

LDAF EMERGENCY HOTLINE: 855-452-5323

LA POISON CONTROL CENTER: 800-222-1222