

SEWERAGE AND WATER BOARD OF NEW ORLEANS



REQUEST FOR QUOTATION

2025-SWB-76 (6285)

Installation of Ground beds at Existing Deep Well Anode Systems

QUOTATION DATE: 10/15/2025

QUOTATION TIME: 11:00 A.M., LOCAL TIME

REQUEST FOR QUOTATION

Installation Deep Well Anode Systems

I. Information to Bidders

A. Background

Three (3) existing deep well anode system ground beds are depleted and need to be replaced. All rectifiers located at sites are rated 20VDC/20ADC. The existing shunt boxes carry 8 shunt resistors. Most rectifier testing were not done with instant off testing. Galvanized anodes at the fuel tank locations need more current to protect the systems. A new test point is needed for the 36" water main because the impressed current system is a distance from the actual steel structure making it difficult to determine if the system is protected at the current rectifier setting. A replacement of rectifier enclosure needs to be replaced due to rectifier enclosure not being the size of the rectifier and corrosion to surrounding piping leading to rectifier box needs to be replaced.

Duels St. and Florida Ave Rectifier

The 54" Sewer Force Main is estimated 1.5 miles in length between Drainage Station 3 and Sewer Station D. The rectifier is located at 5,000 ft from Sewer Station D. The Sewer Force Main connects to a 48" Cast Iron Pipe at Drainage Station 3.

2022 Testing of Rectifier

19. Rectifier - Duels Street @ Florida Blvd. See Dwg. 4699-P3.
54" Sewer Force Mains

Volts	Amps	Neg. Lead Potential	Time & Temp
12.6	17.6	- 0.960 vdc	8:13 am - 60°

Anode Junction Box (20a = 50mv shunt)

Anode No.	Amp Output
1	1.84
2	2.80
3	2.12
4	2.24
5	2.00
6	2.52
7	0.00
8	3.75

Rectifier/Anode Junction Box are in good condition and operating properly. The rectifier was adjusted to the maximum designed output level.

DPS 5 and EastBank Sewer Treatment Plant Rectifiers

The rectifiers protect a 72" Sewer Force Main that is an estimated length of 5.76 miles between the EastBank Sewer Treatment Plant and Sewer Station A. There is a total of 4 rectifiers in the length. One rectifier at the EastBank Sewer Treatment Plant, one rectifier 3,104 feet from Sewer Treatment Plant, one at DPS 5 1.49 miles from Sewer Treatment Plant, and one rectifier at Sewer Station A. As built drawings show galvanized anodes were installed in route towards Sewer Station A, but it is believed that these anodes are depleted. It is not known whether there is continuity for the entire length of the 72" Sewer Force Main.

2016 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.14	23.3	-1.136 vdc

2017 Testing of Rectifier

40. Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.46	18.75	-1.172 vdc

2018 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.54	16.60	-1.100 vdc

Anode Junction Box (10a = 50mv shunt)

Anode No.	Amp Output
1	2.68
2	1.64
3	0.00
4	4.70
5	2.60
6	1.96
7	1.54
8	2.72

2019 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.55	15.70	-1.050 vdc

Anode Junction Box (10a = 50mv shunt)

Anode No.	Amp Output
1	0.27
2	1.64
3	0.00
4	4.78
5	3.10
6	2.08
7	0.18
8	2.56

2020 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" Water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.64	13.6	-1.003 vdc

Anode Junction Box (10a = 50mv shunt)

Anode No.	Amp Output
1	1.68
2	1.68
3	0.00
4	0.00
5	2.82
6	2.42
7	1.56
8	0.00

2021 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.

4841 Florida Ave

48" Water, 54" & 72" Sewer FM

Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential
5.84	9.9	-0.980 vdc

Anode Junction Box (10a = 50mv shunt)

Anode No.	Amp Output
1	0.00
2	1.96
3	0.00
4	0.00
5	6.70
6	4.00
7	0.48
8	0.00

2022 Testing of Rectifier

Rectifier - Drainage Station No. 5. See Dwg. 4699-P7.
4841 Florida Ave
48" Water, 54" & 72" Sewer FM
Rectifier mounted on pole

Volts	Amps	Neg. Lead Potential	Time & Temp
6.12	6.05	-0.815 vdc	11:13 am - 72°

Anode Junction Box (10a = 50mv shunt)

Anode No.	Amp Output
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00
6	6.04
7	0.00
8	0.00

2020 Testing of Rectifier

Rectifier - East Bank Sewage Treatment Plant. See Dwg. 469
6501 Florida Blvd
54" & 72" Sewer Force Mains

Volts	Amps	Neg. Lead Potential
7.71	24.5	-1.17 vdc

2021 Testing of Rectifier

Rectifier - East Bank Sewage Treatment Plant. See Dwg. 4699-P2.
6501 Florida Blvd
54" & 72" Sewer Force Mains

Volts	Amps	Neg. Lead Potential
7.3	28.2	-1.220 vdc

2022 Testing of Rectifier

Rectifier - East Bank Sewage Treatment Plant. See Dwg. 4699-P2.
6501 Florida Blvd
54" & 72" Sewer Force Mains

Volts	Amps	Neg. Lead Potential	Time & Temp
6.3	23.5	-0.950 vdc	10:03 am - 70°

2023 Testing of Rectifier

Volts Amps Vcse

East Bank Sewage Treatment Plant	12/20/23 - 12/22/23	7.02	10.70	-0.859	Only one Anode for this rectifier. Anode read 9.54 Amps
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2024 Testing of Rectifier

26. EastBank Sewer Treatment Plant Rectifier
6501 Florida Ave
54" and 72" SFM (4699-P2)
EastBank Sewerage Treatment Plant

POLARIZED INSTANT OFF OF PIPE	-620mVcse
SHUNT	25A/50mV (.5)
AC INPUT VLOTAGE	116.1VAC
AC STEP-DOWN VOLTAGE	20VAC
TAP SETTINGS	C3 F1
DC VOLTAGE ON PANEL METER	--
DC AMPS ON PANEL METER	2.5A
DC VOLTAGE ON RECTIFIER OUTPUT TERMINAL	16VDC
DC (mV) ACROSS SHUNT	9mVDC
DC AMPS FROM SHUNT READING	4.5ADC
ANODE JUNCTION BOX SHUNT (mv/A)	--
ANODE NUMBER and VOLTAGE	AMP OUTPUT
19.8mV	3.96A

Recommend: Install a new rectifier at a higher height to prevent from being flooded. Old rectifier has been under water during previous flooding last year. Connections in anode box are corroded.

DPS 19 Fuel Tanks

There are two (2) 15,000 gallons fiberglass reinforced polyester diesel fuel underground tanks. There is an anode in each manhole of the tank connected to the fuel line. The anodes are damaged and are not covered in an electrolyte.

Photo of anode connected in tank



DPS 15 Fuel Tanks

There are two (2) 5 feet 4 inches in diameter by 24 feet 2 inches in length diesel oil fuel tanks. The tanks have 2-inch thick gunite coating. An anode is connected the fuel line above ground section of each tank.

Photos of Fuel Tanks, anode connections, and test points.





Replacement of Rectifier Enclosure at Westbank Sewer Treatment Plant

Existing rectifier was replaced due faulty diodes. The new rectifier was purchased from Tideway Cathodic Manufacturing and the needed encloser size needs to fit with current rectifier. Corrosion can be found on piping from source power, fused disconnect enclosure, and piping from coming from structure line.

Photos of rectifier and components that need to be replaced.



Test Point

The rectifier is located about 300 feet away from the 36-inch water main. Testing at the rectifier location is difficult to get an accurate reading of the structure potential. The length of the structure follows in the same direction as a high voltage power line.

B. Submit Quotes

Quotes must be submitted to the Purchasing Department of the Sewage and Water Board of New Orleans no later than October 15, 2025, 11:00am. They should be e-mailed to the Procurement Department at bids@swbno.org. Any questions pertaining this request for quotation need to be sent in via email to bids@swbno.org.

Submit Part 1 documents only as your quote. Failure to complete the required document will render your quote non-responsive.

Retain "PART 2, SPECIAL PROVISIONS AND CONTRACT DOCUMENTS" for your records.

C. Work Hours

Extended working hours can be arranged with the S&WB representative.

D. Inquiry Period

An inquiry period is hereby firmly set for all interested vendors to perform a detailed review of the bid documents and to submit any written questions relative thereto. ***Without exception, all questions MUST be in writing.*** Inquiries are to be directed as follows:

All inquiries shall be received by 11:00 a.m. on October 1, 2025.

By email to: bids@swbno.org

The SWBNO shall not and cannot permit an open-ended inquiry period, as this creates an unwarranted delay in the procurement cycle and operations of our departments. The SWBNO reasonably expects and requires *responsible and interested* proposers to conduct their in-depth response review and submit inquiries in a timely manner.

E. Communications

Addendums and other communications will be sent via email.

F. Performance

Contractor is responsible for furnishing and installing the equipment being requested. Contractor shall supply all tools, equipment, security, and temporary items necessary and proper to carry out the evident intent of this project.

G. Safety

Contractor is to utilize all the standard safety procedures called for by the construction industry according to the work being performed.

H. Costs

Costs for developing quotations and participating in the selection process are entirely the responsibility of the prospective group and shall not be charged to the SWBNO. There is no expressed or implied obligation for the SWBNO to reimburse prospective group for any expense incurred in preparing proposals or participating in the selection process in response to this request.

This price shall include all labor, support vehicle, supply trailer, travel time, materials, equipment and proper disposal of waste.

I. Bid Protest Procedures

Any formal protest against the recommendation of award which is to be made by an aggrieved Proposer must be submitted in writing to the Procurement Director, Cashanna K. Moses at cmoses@swbno.org according to Sewerage and Water Board of New Orleans Policy 83(R): Procedural Rules for Bid Appeals.

- J.** The Board reserves the right to reject any and all responses to the Request for Quotation (with reasonable explanation) and/or to waive any informalities in evaluating the Request for Quotation responses if it deems this to be in the best interest of the Board, its customers, and the general public.

K. Notarial Fee Schedule

Notarial work for all Sewerage and Water Board of New Orleans construction contracts, requiring to be notarized:

(Other notarial fees may apply)

<u>Contract Value</u>	<u>Fee</u>
Under \$1000.00	\$227.00
\$1,000.00 to \$49,999.99	\$423.00
\$50,000.00 to \$499,999.99	\$1,073.00
\$500,000.00 to \$999,999.99	\$2,304.00
\$1,000,000.00 or over	\$4,608.00

L. Public Records Request

To request a public record for the proposal documents, please submit to the following website:
<https://swbno.nextrequest.com/>

M. Payment

Unless otherwise agreed by the Board, payment terms are NET 45 days upon providing the goods and/or services described under the purchase order or the contract have been delivered, installed (if required), rendered, and/or accepted and upon receipt by the Board of properly submitted invoice.

N. Awards

Award will be made to the lowest responsive and responsible bidder. The Board reserves the right: (1) to award items separately, grouped, or on an all-or-none basis, or to the next lowest bidder as deemed in its best interest; (2) to reject any or all bids and/or items; and (3) to waive any informalities in accordance with applicable laws and regulations.

O. Acceptance of Bid

Only the issuance of an official Board purchase order or contract shall constitute the Board's acceptance of a bid. The Board shall not be responsible in any way to a supplier/vendor for goods delivered or services rendered without an official purchase order or contract.

- P.** The Board is exempt from all State and Local sales/use taxes on direct purchases. The board will furnish approved documentation to the successful bridge.
- Q.** Contractor shall furnish insurance as shown in this package prior to award of a contract and purchase order.
- R.** Contractor shall indemnify and hold harmless against any and all liens for which the Board property may become liable as a result of Contractor's work hereunder.

II. CONTRACT TERMS

A. VENDORS TO EXAMINE LOCATION OF WORK

Vendors shall make a personal examination of the location of the proposed work and of the surroundings. They shall thoroughly acquaint themselves with the details of the work to be done and all the conditions and obstacles likely to be encountered, including hazardous conditions, in the performance and completion of work. Vendors shall inform themselves as to the facilities for the transportation, handling and storage of equipment and materials, and they shall carefully study the plans, specifications and other contract documents and thoroughly satisfy themselves as to the conditions under which the work is to be done, and as to the character, qualities and quantities of work to be performed, and materials to be furnished, and be prepared to execute a finished job in every particular without any extra charge except as may be specifically provided for elsewhere in these contract documents.

B. COMPLETION TIME

- 1. All work shall be completed in fourteen (14) days after receipt of the written notice to proceed.** Additional time may be allotted.
- 2. The successful bidder is expected to direct the full force of its effort toward prompt completion**

of the work in accordance with the required completion time.

3. The work performed within the time frame stated above shall also include repair of damages to public or private property, complete cleanup of the premises, manholes, and completion of all punch list items generated by the Engineer's final inspection.
4. Extended working hours are allowed by arranging them with the Board representative.

C. INSURANCE: GENERAL REQUIREMENTS

The Contractor will maintain, at his own cost and expense, and in good standing, such insurance as will protect the Sewerage and Water Board of New Orleans (the Board), the City of New Orleans (the City,) their officers, officials, employees, boards, commissions and volunteers, as well as the Contractor himself and any subcontractors from and against any and all claims for damages to public and private property and personal injury, including death, to employees or to the public, which may arise from any operations under this Contract or any of its subcontracts. The coverage will contain no special limitations on the scope of protection afforded to the Board and the City. Both the Board and the City will appear as "Additional Insured" on all Commercial General Liability and Business Automobile Liability. Any failure to comply with the reporting provisions of a policy will not affect coverage provided to the Board and the City, their officers, officials, employees, boards and commissions and volunteers. The Contractor's insurance will apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

In general, insurance is to be placed with insurers with an A.M. Best's rating of A-, although this requirement may be reviewed and modified by the Risk Manager of the Sewerage and Water Board of New Orleans in the best interest of the Board. **The Risk Manager may also consider performing such review upon written request from the Contractor. The Contractor shall furnish the Sewerage and Water of New Orleans with certificates of insurance affecting coverage required by this Contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates of insurance are to be received and approved by the Risk Manager of the Sewerage and Water Board of New Orleans, 625 St. Joseph St., Rm. 119, New Orleans, LA 70165, before work commences. The Sewerage and Water Board of New Orleans reserves the right to require complete, certified copies of all insurance policies at any time, as proof that the insurance placed meets the requirements of this Contract.**

If the insurance is written subject to a deductible clause, Contractor assumes responsibility for the amount of the deductible. In addition, the Contractor shall be required to furnish to the Risk Manager of the Sewerage and Water Board of New Orleans all copies of investigative reports with regard to any and all claims with the Contractor and his insurance carriers, relative to the contract, with the exception of claims filed with his Workers' Compensation Insurance. Such reports shall include dates, location and description of loss as well as amounts of settlements or judgments in order that annual aggregate limits may be monitored by the Sewerage and Water Board of New Orleans for the Contactor's compliance with these Specifications.

The furnishing of insurance as provided above shall not relieve the Contractor of his responsibility

for losses not covered by insurance. All policies shall be with insurance companies authorized to do business in Louisiana and shall remain in full force and effect until the final completion of the work and acceptance thereof by the authority of the Board.

D. SUBROGATION

The Contractor, Subcontractor(s), and their insurers shall agree to waive all the rights of subrogation against the Board, the City, and their officers, officials, employees, boards and commissions, and volunteers for losses arising from work performed by the Contractor for the Board and the City.

E. INSURANCE CANCELLATIONS AND STOP-WORK

Each insurance policy required by this contract shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, or reduced in coverage or in limits except after thirty (30) days prior written notice has been given to the Risk Manager, 625 St. Joseph St., Rm. 119, New Orleans, LA 70165 of the Sewerage & Water Board of New Orleans, via certified mail.

The Contractor and/or his insurer shall notify the Risk Manager of the Sewerage and Water Board of New Orleans at least thirty (30) days in advance of any insurance coverage to be canceled or of any insurance coverage that will expire. The Contractor shall simultaneously furnish the Board evidence of new coverage to be effective the same day and hour of the expired or canceled coverage.

In the event the Contractor and/or his insurer fails to submit this evidence of new coverage five (5) days prior to the cancellation date or expiration date of any policy or policies, the Sewerage and Water Board will have the right to obtain the required coverage to become effective on the date of cancellation or expiration of said policies. The cost of such new policies shall be at the expense of the Contractor and any expenditure incurred by the Board for this coverage will be deducted from any balance due to the Contractor.

Should the Board be unable to secure new coverage to take the place of the expired or cancelled policy or policies, a "stop work" order will be issued and all work on the contract shall cease on the same date and hour as the coverage ceases. Should the Contractor fail or refuse to secure coverage within five (5) days after the date of the "stop work" order, the Contractor shall be declared to be in default, and the contract between the parties shall be considered cancelled and of no force or effect between the parties reserving all the rights of the Board against the Contractor and his surety.

F. INSURANCE POLICIES, ENDORSEMENTS, AND LIMITS

The following are the types of insurance policies and the minimum limits of insurance coverage which shall be maintained by the Contractor during the entire term of the Contract:

G. WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY INSURANCE

Workers' compensation and employer's liability insurance, as will protect Contractor from claims under Louisiana Workers' Compensation Laws. The Workers' Compensation Section of the policy shall afford Statutory Limits and be in accordance with all Louisiana Workers' Compensation

Statutes. **The Employers Liability limit shall not be less than \$1,000,000 each accident for bodily injury by accident and \$1,000,000 each employee/policy limit for bodily injury by disease.** Whenever any Federal Longshoreman's and Harbor Workers' Act and shall also include protection for injuries and/or death to Master and Members of the crews of vessels with statutory limits in accordance with the Jones Act.

H. COMMERCIAL GENERAL LIABILITY INSURANCE

COMMERCIAL GENERAL LIABILITY INSURANCE, with a limit of not less than \$1,000,000 each occurrence and not less than \$2,000,000 general annual aggregate, including Explosion, Collapse, and Underground Property Damage Hazards. The Products-Completed Operations aggregate limit shall not be less than \$1,000,000 each occurrence. The general aggregate limit shall apply separately to this project.

I. BUSINESS AUTOMOBILE LIABILITY INSURANCE

Business automobile liability insurance, which shall cover liability arising out of accidents involving any auto (including Owned, Hired, and Non-Owned autos). The limit of liability shall not be less than \$1,000,000 each accident for all injuries, property damage, and/or death resulting from any one occurrence.

J. OWNER'S AND CONTRACTOR'S PROTECTIVE LIABILITY INSURANCE

Owner's and contractor's protective liability insurance, as will protect the Contractor, the Sewerage and Water Board of New Orleans, and the City of New Orleans from and against any and all claims and lawsuits involving vicarious liability. The limits of liability shall be the same as specified in Paragraph (b) above, and shall include Explosion, Collapse and Underground Hazards.

K. PROFESSIONAL LIABILITY INSURANCE

Professional liability insurance, as may be applicable to the particular profession or service to be provided, with a limit of not less than \$1,000,000 each Claim, with at least a \$2,000,000 annual aggregate, without any restrictive "negligent act, negligent error, or negligent omission" clause, and sufficient to protect the Contractor, the Board, and the City, for a five (5) year period from completion of this contract, against any and all claims which may arise from the Contractor's negligent performance of work described herein.

L. PROPERTY INSURANCE

Property insurance, required on all work except sewer and water drainage pipelines, reinforced concrete canals, work completely underground, and similar work (however Contractor is not relieved of responsibility therefore) as follows:

All risks builders risk insurance (covering Fire, Extended Coverage, Vandalism and Malicious Mischief) will be carried on a completed value or reporting form, for not less than 100 percent of the

value of the work, including foundations.

Coverage will include all machinery and equipment to be installed, whether furnished by the Sewerage & Water Board or by Contractor, for not less than 100 percent of the installed value of the machinery and equipment. This insurance shall be written in the same Insurance Company carrying the Builder's Risk Insurance, shall include testing and startup, shall for partial utilization of the Work by Owner, and shall terminate only when installation has been accepted by the Sewerage and Water Board.

The All-Risks Builder's Risk Policy shall include the names of the Sewerage & Water Board of New Orleans, and City of New Orleans, and will cover the interests of all sub-contractors without specifically naming them.

Licenses and Additional Requirements

- Vendors must possess an active Louisiana State Contractors License.
- The awarded vendor is responsible for securing all required licenses and permits required to do work in this scope.
- The awarded vendor is required to clean the job site and remove all trash and excess materials not wanted by the agency.

PART 1

SEWERAGE AND WATER BOARD OF NEW ORLEANS

QUOTATION FORM COVER SHEET

Installation of Ground beds at Existing Deep Well Anode Systems

DATE: _____

(CONTRACTOR'S LICENSE) _____

(CONTRACTOR'S NAME)

(CONTRACTOR'S ADDRESS)

(CONTRACTOR'S Authorized Agent Name)

(CONTRACTOR'S Authorized Agent Phone #)

(CONTRACTOR'S Authorized Agent Email)

I (We) hereby agree to furnish all materials, tools, equipment, and labor to perform the work required for the above-referenced project.

The undersigned, as vendor, declares that the only persons or parties interested in this quotation as principals are those named herein; that this response is made without collusion or combination of any kind or character with any other person, firm, association or corporation, or any member or official thereof, that he has carefully examined the site of the proposed work, the plans, Standard Specifications and Special Provisions above mentioned, and the form of contract and contract bond; that he proposes, and agrees, if this response is accepted to provide all necessary machinery, tools, apparatus, and other means of construction and will do all the work and furnish all the materials specified in the contract, in the manner and time therein prescribed and in accordance with the requirements of the Engineer as therein set forth; and that he hereby proposes to accept as full compensation there for the summation of the quantities of work and material actually incorporated in the complete project, as determined by the Engineer, multiplied by the respective unit prices shown on the schedule of quote items when applicable, or per the lump sum price, herein quote.

The undersigned proposes to perform all extra and force account work that may be required on the basis provided in the specifications, to give such work his personal attention and to secure economic performance.

The undersigned further agrees that the quote is firm for a period of sixty (60 days) from the opening of quotations and no response can be withdrawn for any reason during this period of time.

The undersigned further agrees that within fifteen (15) days after notice that the Parish has been authorized to enter into a contract, he will execute the agreement and furnish to the SWBNO all insurance certificates required by Contract. The Contractor shall also furnish a satisfactory performance and payment bond, said bond to be in an amount equal to the amount of the contract and shall guarantee the faithful performance of the contract for contracts **\$25,000 and greater.**

The undersigned further agrees that the work will begin upon receipt of NTP (Notice to Proceed) and shall be diligently prosecuted at such rate and in such manner as necessary for the completion of the work within the time specified in the agreement.

If this quotation is valued at \$25,000 and greater, accompanying this response is a certified check, cashier's check or a bid bond which represents **Five Percent (5%)** of the amount of the quote, payable to the Sewerage and Water Board of New Orleans. If this response shall be accepted and the undersigned shall fail to exercise the contract and furnish performance and payment surety bond as provided above, then the bid security shall be forfeited.

Respectfully submitted,

(Signature)

THE ATTACHED SHEET MUST BE COMPLETED TO INDICATE WHETHER VENDOR IS AN INDIVIDUAL, UNINCORPORATED FIRM OR A CORPORATION.

THE ATTACHED BID BOND SHEET MUST BE COMPLETED IF A BID BOND, IN LIEU OF A CERTIFIED CHECK OR CASHIERS CHECK, ACCOMPANIES THIS QUOTE.

PART 1
CORPORATE RESOLUTION

A meeting of the Board of Directors of _____, a Corporation organized under the laws of the State of _____ and domiciled in _____, was held this _____ day of _____, 20____, and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and, after discussion, was unanimously adopted by said quorum:

BE IT RESOLVED, that _____ is hereby authorized to submit quotations and execute agreements on behalf of this corporation with the, and SWBNO.

BE IT FURTHER RESOLVED, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Purchasing Director of the SWBNO, shall have been furnished a copy of said resolution, duly certified.

I, _____, hereby certify that I am the Secretary of _____, a corporation created under the laws of the State of _____ domiciled in _____; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the _____ day of _____, 20____, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession. This _____ day of _____, 20____.

Secretary

PART 1
BID BOND
(Required for Quotes \$25,000 and greater)

That we, the undersigned, _____, as Principal (Vendor), and _____ as Surety, are hereby held and firmly bound unto the _____ and SWBNO as Owner, in the penal sum of five percent (5%) of the amount bid for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Owner a certain Bid, attached hereto and hereby made a part hereof to enter into an Agreement in writing, for:

Installation of Groundbeds at Existing Deep Well Anode Systems Along Florida Ave
Contract 6285

NOW THEREFORE,

- (a) If said Bid or quotation shall be rejected, or in the alternative,
- (b) If said Bid or quotation shall be accepted and the Principal shall execute and deliver a Contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish bonds for his faithful performance of said Contract and for furnishing materials in connection therewith and shall in all other respects perfect the Agreement created by the acceptance of said Bid,

then this obligation shall be void; otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any extension.

IN WITNESS WHEREOF, Said Principal and Surety have hereunto set their hands and seals, this _____ day of _____, 20____.

PRINCIPAL (VENDOR)

SURETY

(Address)

(Address)

By: _____

By: _____

(Typed Name and Title)

(Typed Name and Title)

**PART 1
QUOTATION FORM
PRICE RESPONSE PAGE**

Contract 6285

Installation of Ground beds at Existing Deep Well Anode Systems

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
1	Duels St. and Florida Ave Groundbed Installation	1		\$ _____	\$ _____
2	DPS 5 Groundbed Installation	1		\$ _____	\$ _____
3	Eastbank Sewer Treatment Plant Groundbed Installation	1		\$ _____	\$ _____
4	Installation of Test Point	1		\$ _____	\$ _____
5	Installation of Galvanic Anodes for DPS 19 Fuel Tanks	2		\$ _____	\$ _____
6	Installation of Galvanic Anodes for DPS 15 Fuel Tanks	2		\$ _____	\$ _____
7	Replacement of Rectifier Enclosure and Components	1		\$ _____	\$ _____
Total Lump Sum					\$ _____

Please Include an Itemized Quote with your submission.

PART 1

AFFIDAVIT

STATE OF LOUISIANA
SWBNO

BEFORE ME, the undersigned authority, personally came and appeared

who, being duly sworn did depose and say:

That he is a duly authorized representative of _____

receiving value for services rendered in connection with:

2025-SWB-76 (6285)

Installation of Groundbeds at Existing Deep Well Anode Systems Along Florida Ave

a public project of the SWBNO, Louisiana: that he 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 him 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 him; and that no part of the contract price received by him 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 him whose services in connection with the construction of the public building or project were in the regular course of their duties for him.

This affidavit is executed in compliance with the provisions of LA R.S. 38:2224.

Affiant's Signature

SWORN TO AND SUBSCRIBED before me, on this _____ day of _____ 2025

NOTARY PUBLIC

PART 1

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

Scope of Work

These specifications intend to repair multiple cathodic protection sites which include installing magnesium anodes for four (4) underground fuel tanks, new groundbeds for three (3) existing impressed current systems, a new rectifier enclosure, and a new test point for a 36" water main. Potential measurements after installations must be taken. All work performed shall be under all applicable Codes and Standards, including those applicable standards of The Association for Materials Protection and Performance (AMPP). The contractor shall provide CAD drawings of installations.

Contractor shall determine the amount current needed for each deep well anode system by previous test provided by the Sewerage & Water Board.

All work under this contract shall be completed and all equipment delivered and installed at locations within the time stipulated in the Advertisement Section of these specifications. Bidders' attention is hereby called to the fact that the successful bidder is expected to direct the full force of his efforts toward prompt completion of the work in accordance with this required completion time.

Standards of quality

Any product or service bid shall conform to all applicable federal and state laws and regulations and the specifications contained in the solicitation.

Unless otherwise specified in the solicitation, any manufacturer's name, trade name, brand name, make, or catalog number used in the specification is for the purpose of setting forth and conveying to prospective bidders the general style, type character, performance and standard of quality desired and equivalent products will be acceptable. It is not the intent of this bid to limit or restrict competition.

Bidder must specify the brand and model number of the product offered in his/her bid. Bids not specifying brand and model number shall be considered as offering the exact products specified in the solicitation

Descriptive information

Bidders proposing an equivalent brand or model should submit with the bid information (such as illustrations, descriptive literature, technical data) sufficient for the Sewerage and Water Board of New Orleans to evaluate quality, suitability, and compliance with the specifications in the solicitation.

Failure to submit descriptive information may cause bid to be rejected. Any change made to a manufacturer's published specifications submitted for a product shall be verifiable by the manufacturer. If item(s) bid does not fully comply with specifications (including brand and/or product number), bidder should state in what respect item(s) deviate.

Failure to note exceptions on the bid form will not relieve the successful bidder(s) from supplying the actual products requested.

Locations of Work

A. Deep Well Anode Systems

1. Duels St. and Florida Ave Rectifier - 29°59'09.1"N 90°03'36.6"W
2. Drainage Station 5 - 29°58'47.6"N 90°01'11.1"W
3. Eastbank Sewerage Treatment Plant - 29°58'38.4"N 89°59'53.7"W

B. Test Point

1. Gentilly Oaks Sewer Station - 30°01'42.0"N 89°57'35.8"W

C. Underground Storage Fuel Tanks

1. Drainage Station 15 - 30°01'47.4"N 89°52'05.7"W
2. Drainage Station 19 - 29°58'55.0"N 90°01'28.8"W

Technical Specifications

A. Installation of Groundbeds

1. Drilling of one hole not less than 100 foot deep, not far from the rectifier location for installation of new anode assemblies.
2. If an artisan well or underground lake causes excessive surface discharge, the hole shall be sealed by the Contractor.
3. A boring log showing soil classification at each elevation shall be furnished from information recorded as the hole is being drilled.
4. An Engineer from SWBNO shall witness the installation of the groundbed.
5. Furnish and install new anode assembly complete with conduit and wiring back to shunt box. Furnish and install new vent system.
6. Number of anodes to install will be determined by previous test showing the amount of current needed to protect system.
7. Existing underground power feed to rectifier shall remain and shall be reused.
8. Existing conduit and negative wires to pipeline shall be reused. Connect negative wires back to existing rectifier.
9. Remove existing anode leads and 2" conduit to existing groundbed. Existing groundbed shall be abandoned in place.
10. All work shall conform to the requirements of The Association for Materials Protection and Performance, (SP0169), and the 2020 National Electrical Code, all addenda in effect at the time bids are accepted.
11. The system shall be completely wired in rigid steel above grade or schedule 80 PVC conduit below grade.
12. Field cuts shall be reamed, and all threads painted immediately after installation. Caps shall be installed as soon as possible to prevent the entry of concrete, sand, etc.
13. Conduit shall be installed to permit insertion or withdrawal of wire without damage. All field cut conduit shall be reamed and all chips, filing or burrs removed. Maximum radius long sweep field bends shall be used for elevation or direction changes for embedded or encased conduits. Couplings or fittings in concrete shall be made with five (5) full threads; set screw or friction type couplings or fittings shall not be used.
14. Conduits to outdoors shall be mounted at least one half (1/2") inch from all surfaces. Conduits shall be run vertical, parallel, or perpendicular to the building structures. Conduit shall not be

- placed where it may create a hazard to personnel, or where it will limit personnel or equipment access or removal.
15. A minimum clearance of one (1") inch shall be maintained between all conduits embedded in concrete to permit adequate bonding and passing of the concrete between the conduits. Sweep elbows shall not be used above ground without approval; fittings or junction boxes shall be used.
 16. Conduits and enclosures shall be arranged to drain condensation and flood water to minimize damage. Conduits terminating in manholes or handholes shall be sealed or equipped with a compound bushing to prevent the entry of insects and rodents.
 17. All underground conduits shall be encased in concrete with a three (3") inch minimum coverage at least twenty-four (24") inches below grade unless shown otherwise on the drawings. Encasement shall extend six (6") inches above grade and be crowned to drain all away from the conduit.
 18. Insulated metal grounding type bushings shall be used for A.C. conduits. Double locknuts and bushings shall be used for all equipment without threaded hubs. The entire conduit system shall be grounded. Conduits terminating in outdoor enclosures shall be equipped with an approved hub. Entries into the top or upper sides of panels or enclosures shall not be made without a hub.
 19. All concrete used for encasement shall be Grade A, 4000 p.s.i., colored red by mixing of 10lbs. of dye throughout each cubic yard of concrete.
 20. Contractor shall backfill trench and all excavated areas with select material previously removed from the trench.
 21. No roots, sticks, rocks, or debris or any kind shall be mixed in with backfill material.
 22. Backfill shall be applied in six (6") inch layers and shall be thoroughly tamped as each layer is applied. Density of compacted backfill material shall equal or exceed that of surrounding undisturbed ground.
 23. Contractor shall return the surface to match existing surroundings and reconstruct all sidewalk and street areas.
 24. Existing rectifier will be used. Verify no issues with rectifier unit. Report any defects to Engineer.
 25. Any depressions or holes created in any lawn, median, street, or grassy areas by trucks or by other means shall be filled in and leveled by the Contractor. The Contractor shall protect existing structures and equipment near the work area from dirt, mud, and water during his work operations.
 26. Contractor shall remove all debris, drilling mud, dirt and excess material from the job site and completely clean all project areas.
 27. Contractor shall warrant to the Sewerage and Water Board that all work performed under this contract shall contain no defective materials, workmanship, or title, and shall be of the kind and quality described in the specifications. Any defects appearing within one (1) year of the erection and acceptance of the equipment shall be corrected by the contractor at no cost to the Sewerage and Water Board.
 28. Final test of impressed current system will be documented turn in to Engineer. Test must show that system is protected.

B. Installation of Test Point

1. Pipe and test lead wires shall be clean, dry, and free of foreign materials at points of connection when the connections are made. Connections of cables and test lead wires to the pipe must be installed so they remain mechanically secure and electrically conductive. Test station shall have dead-front terminals.
2. All underground or submerged cables and lead wire attachments shall be coated with an electrically isolating material that is compatible with the pipe surface, external pipe coating, copper wire, weld material, and wire insulation.

3. Suitably sized test lead wires shall be color coded or otherwise permanently identified. Wires should be installed with slack. Damage to insulation shall be avoided and repairs made if damage occurs. Test leads should not be exposed to excessive heat and sunlight. Aboveground or flush-to-ground test stations may be used as applicable. If test station is flush with the ground, adequate slack should be provided within the test station to facilitate test connections.

C. Installation of Underground Storage Fuel Tanks Anodes

Drainage Station 15 Diesel Fuel Tanks

1. Contractor shall measure the soil resistivity and provide calculations for the number of anodes and anode spacing to be installed to the gas line connection points of existing anodes for both fuel tanks.
2. Anodes shall be installed underground near the fuel tanks, but not too close to damage the underground fuel tanks.

Drainage Station 19 Diesel Fuel Tanks

1. Contractor shall measure the soil resistivity and provide calculations for the number of anodes and anode spacing to be installed to the structure lead cable and gas line connection points of existing anodes for both fuel tanks.
2. Anodes shall be installed underground near the fuel tanks, but not too close to damage the underground fuel tanks.
3. The existing anode should be removed from both fuel tanks.
4. The anodes shall be covered in soil to activate the anodes.

D. Installation of Replacement of Rectifier Enclosure

1. Replace existing rectifier enclosure and shunt box. Clean and reconnect anode leads to new shunt box. Shunt resistors are 50mV/20A.
2. Replace existing fused disconnect box with a new NEMA 4X 30A 120/24V disconnect box.
3. Install new conduit where wires are exposed or where conduit is corroded.

PART 2

SPECIAL PROVISIONS

NOTICE TO VENDORS

For Individual Quotes (Quotations) totaling \$25,000 and greater, the following shall apply:

- a). A Bid Bond, cashier's check or certified check is required to be submitted with the response.
- b). A Performance and Payment Bond will be required for the contract.
- c). The Contract shall be approved by the SWBNO Board. *(if applicable)*
- d). The Contract shall be recorded with the Recorder of Mortgages.
- e). Retainage may be withheld until receipt of a clear lien certificate following the 45-day lien period after the Board has approved final acceptance of the Contract. *(if applicable)*

The above requirements do not apply to individual quotations less than \$25,000.00

EXAMINATION OF PLANS, SPECIFICATION, SPECIAL PROVISIONS AND SITE OF WORK

Before preparing his quote, each vendor is expected to make a field examination of the proposed work and to fully acquaint himself with conditions relating to construction and labor so that he may fully understand the facilities, difficulties and restrictions attending the execution of the work under this contract. Vendors should thoroughly examine and be familiar with the Plans, Specifications and Contract Documents.

Submission of a quote shall be considered prima facie evidence that the vendor has made such an examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the plans, project specifications and documents.

RESPONSE GUARANTY

Each response must be accompanied by a certified check, cashier's check or bid bond acceptable to the SWBNO in an amount equal to at least 5% of the response, payable without condition to the SWBNO as a guarantee that the vendor, if awarded the contract, will promptly execute such contract in accordance with the response and in a manner and form required by the contract documents and will furnish good and sufficient bond for faithful performance of the same.

When a bid bond is used, it shall be written by a surety company currently qualified to do business in Louisiana and currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies published annually in the Federal Register, or by an insurance company currently qualified to do business in Louisiana with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to 10% of policyholders' surplus as shown in the A.M. Best's Key Rating Guide.

SURETY BOND

Prior to execution of the contract, the contractor shall file with the Purchasing Director a surety bond on a form provided or approved by the SWBNO. The contractor shall pay all costs therefore.

The bond shall be written by a surety company qualified to do business in Louisiana and on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies published annually in the Federal Register, or by an insurance company qualified to do business in Louisiana with at least

an A- rating in the latest printing of A.M. Best's Key Rating Guide to write individual bonds up to 10% of policyholders' surplus as shown in A.M. Best's Key Rating Guide.

The bond shall be in effect at 100% of the contract amount until completion of the 1-year warranty period specified and until all claims for materials and labor are paid, subject to local ordinances and state lien laws.

The bond shall be so conditioned as to assure performance by the contractor of all work under said contract within the time limit prescribed in a manner satisfactory to the SWBNO; that materials and workmanship will be free from defects; and that should defects appear prior to completion of the 1-year warranty period specified in Subsection 4-6, the contractor shall make good such defects and make all replacements and adjustments required within a reasonable time after being notified by the Department to do so.

Should any surety become insufficient, the contractor shall renew said bond with good and sufficient sureties within 10 days after receiving notice from the SWBNO.

PART 2

REQUIREMENTS FOR THIS QUOTE

All contractors bidding on this work shall comply with all provisions of State Licensing Law for Contractor, RS 37:2150-2192, as amended, for all public contacts. It shall also be the responsibility of the General Contractor to assure that all subcontractors comply with this law. If required for bidding, Contractors must hold an active license issued by the Louisiana State Licensing Board for Contractors and must show their license number on page one (1) of the request for quotation.

Successful bidder shall operate in accordance with RS 37:2150-2192.

1. Contractor, and any sub-contractor, shall comply with all applicable laws, obtain all permits and possess all licenses required in connection with work hereunder.
2. Contractor shall indemnify SWBNO against any and all liens for which SWBNO owned property may become liable as a result of Contractors work hereunder.
3. Before issuance of final payment, the Contractor may be required to submit evidence satisfactory to the SWBNO that all payrolls, material bills, and other indebtedness connected with the work have been paid or otherwise satisfied.
4. All material and workmanship, as applicable, shall be guaranteed for a minimum of one (1) year, unless provided otherwise by the specification or response form. Such guarantee shall include all labor and materials needed to replace any defective workmanship or materials within the guarantee period.
5. Before this contract is acceptable and complete, successful vendor shall clean up and remove from the premise all debris resulting from his work and shall see to it that all the items furnished are left in good order, clean and properly installed.
6. Quotes: unless otherwise specified, a lump sum quote is requested for the work in the specifications.
7. Permits, Licenses and Laws: The contractor shall furnish all necessary permits, licenses, and certificates and comply with all laws or ordinances applicable to the locality of the building site and the State of Louisiana.
8. The SWBNO, its officers, employees and agents, shall not be responsible for the negligent acts and omissions of the Contractor or the Contractor's officers, employees or agents or subcontractors, nor shall the Contractor or the Contractor's officers, employees or agents be responsible for the negligent acts or omissions of the SWBNO, its officers, employees and agents. Accordingly, Contractor shall indemnify and save SWBNO, its officers, employees and agents, harmless from any and all claims, suits and actions of any character, name or description brought for or on account of any injury or damage to any person or property arising out of the work performed by the Contractor, or Contractor's officers, employees, agents or subcontractors.
9. Contractor shall furnish insurance as required on the attached sheet.

PART 2

ADDITIONAL INSTRUCTIONS FOR LABOR QUOTATIONS