BID OF_____

2024

PROPOSAL, CONTRACT, BOND AND SPECIFICATIONS

FOR

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON

CONTRACT NO. 9536

MUNIS NO. 15295, 15380

IN

MADISON, DANE COUNTY, WISCONSIN

AWARDED BY THE COMMON COUNCIL MADISON, WISCONSIN ON

> CITY ENGINEERING DIVISION 1600 EMIL STREET MADISON, WISCONSIN 53713

https://bidexpress.com/login

INDEX

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS	A-1
SECTION B: PROPOSAL SECTION	B-1
SECTION C: SMALL BUSINESS ENTERPRISE	C-1
SECTION D: SPECIAL PROVISIONS	D-1
SECTION E: BIDDER'S ACKNOWLEDGEMENT	E-1
SECTION F: BEST VALUE CONTRACTING	F-1
SECTION G: BID BOND	G-1
SECTION H: AGREEMENT	H-1
SECTION I: PAYMENT AND PERFORMANCE BOND	I-1

This Proposal, and Agreement have been prepared by:

CITY ENGINEERING DIVISION CITY OF MADISON MADISON, DANE COUNTY, WISCONSIN

Janes M. Wolfe, P.E., City Engineer

JMW: ec

SECTION A: ADVERTISEMENT FOR BIDS AND INSTRUCTIONS TO BIDDERS

REQUEST FOR BID FOR PUBLIC WORKS CONSTRUCTION CITY OF MADISON, WISCONSIN

A BEST VALUE CONTRACTING MUNICIPALITY

PROJECT NAME:	CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON
	&
	CIPP LINING REHABILITATION - NORTH
	MILLS STREET SANITARY SEWER SIPHON
CONTRACT NO.:	9536
SBE GOAL	2%
BID BOND	5%
SBE PRE BID MEETING (2:00 P.M.)	8/22/24
PREQUALIFICATION APPLICATION DUE (2:00 P.M.)	9/5/24
BID SUBMISSION (2:00 P.M.)	9/12/24
BID OPEN (2:30 P.M.)	9/12/24
PUBLISHED IN WSJ	8/15, 8/22, 8/29 & 9/5/24

<u>SBE PRE BID MEETING</u>: Pre-Bid Meetings are being held virtually. Advance registration is required. Visit the SBE Meeting web page on Engineering's web site:

https://www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-bid-public-workscontracts/small-business.

Questions regarding SBE Program requirements may be directed to Tracy Lomax, Affirmative Action Division. Tracy may be reached at (608) 267-8634, or by email, <u>TLomax@cityofmadison.com</u>.

<u>PREQUALIFICATION</u> <u>APPLICATION</u>: Forms are available on our website, <u>www.cityofmadison.com/engineering/developers-contractors/contractors/how-to-get-prequalified</u>. If not currently prequalified in the categories listed in Section A, an amendment to your Prequalification will need to be submitted prior to the same due date. Postmark is not applicable.

<u>BIDS TO BE SUBMITTED</u>: by hand to 1600 EMIL ST., MADISON, WI 53713 or online at <u>www.bidexpress.com</u>.

Bids may be submitted on line through Bid Express or in person at 1600 Emil St. The bids will be posted on line after the bid opening. If you have any questions, please call Alane Boutelle at (608) 267-1197, or John Fahrney at (608) 266-9091.

STANDARD SPECIFICATIONS

The City of Madison's Standard Specifications for Public Works Construction - 2024 Edition, as supplemented and amended from time to time, forms a part of these contract documents as if attached hereto.

These standard specifications are available on the City of Madison Public Works website, www.cityofmadison.com/engineering/developers-contractors/standard-specifications.

The Contractor shall review these Specifications prior to preparation of proposals for the work to be done under this contract, with specific attention to Article 102, "BIDDING REQUIREMENTS AND CONDITIONS" and Article 103, "AWARD AND EXECUTION OF THE CONTRACT." For the convenience of the bidder, below are highlights of three subsections of the specifications.

SECTION 102.1: PRE-QUALIFICATION OF BIDDERS

In accordance with Wisconsin State Statutes 66.0901 (2) and (3), all bidders must submit to the Board of Public Works proof of responsibility on forms furnished by the City. The City requires that all bidders be qualified on a biennial basis.

Bidders must present satisfactory evidence that they have been regularly engaged in the type of work specified herein and they are fully prepared with necessary capital, materials, machinery and supervisory personnel to conduct the work to be contracted for to the satisfaction of the City. All bidders must be prequalified by the Board of Public Works for the type of construction on which they are bidding prior to the opening of the bid.

In accordance with Section 39.02(9)(a)l. of the General Ordinances, all bidders shall submit in writing to the Affirmative Action Division Manager of the City of Madison, a Certificate of Compliance or an Affirmative Action Plan at the same time or prior to the submission of the proof of responsibility forms.

The bidder shall be disqualified if the bidder fails to or refuses to, prior to opening of the bid, submit a Certificate of compliance, Affirmative Action Plan or Affirmative Action Data Update, as applicable, as defined by Section 39.02 of the General Ordinances (entitled Affirmative Action) and as required by Section 102.11 of the Standard Specifications.

SECTION 102.4 PROPOSAL

No bid will be accepted that does not contain an adequate or reasonable price for each and every item named in the Schedule of Unit Prices.

A lump sum bid for the work in accordance with the plans and specifications is required. The lump sum bid must be the same as the total amounts bid for the various items and it shall be inserted in the space provided.

All papers bound with or attached to the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted. The plans, specifications and other documents designated in the proposal form will be considered a part of the proposal whether attached or not.

A proposal submitted by an individual shall be signed by the bidder or by a duly authorized agent. A proposal submitted by a partnership shall be signed by a member/partner or by a duly authorized agent thereof. A proposal submitted by a corporation shall be signed by an authorized officer or duly authorized registered agent of such corporation, and the proposal shall show the name of the State under the laws of which such corporation was chartered. The required signatures shall in all cases appear in the space provided thereof on the proposal.

Each proposal shall be placed, together with the proposal guaranty, in a sealed envelope, so marked as to indicate name of project, the contract number or option to which it applies, and the name and address of the Contractor or submitted electronically through Bid Express (<u>www.bidexpress.com</u>). Proposals will be accepted at the location, the time and the date designated in the advertisement. Proposals received after the time and date designated will be returned to the bidder unopened.

SECTION 102.5: BID DEPOSIT (PROPOSAL GUARANTY)

All bids, sealed or electronic, must be accompanied with a Bid Bond (City of Madison form) equal to at least 5% of the bid or a Certificate of Annual/Biennial Bid Bond or certified check, payable to the City Treasurer. Bid deposit of the successful bidders shall be returned within forty-eight (48) hours following execution of the contract and bond as required.

MINOR DISCREPENCIES

Bidder is responsible for submitting all forms necessary for the City to determine compliance with State and City bidding requirements. Nothwithstanding any language to the contrary contained herein, the City

may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion or performance of the contract.

Bidders for this Contract(s) must be Pre-Qualified for at least one of the following type(s) of construction denoted by an \boxtimes

Building Demolition

101 🔲 Asbestos Removal	110 📙 Building Demolition
120 🔲 House Mover	
Street, Utility and Site Construction	
	265 🔲 Dotaining Walls, Brasset Medular Units
201 Asphalt Paving	265 🔲 Retaining Walls, Precast Modular Units
205 🔲 Blasting	270 Retaining Walls, Reinforced Concrete
210 Doring/Pipe Jacking	275 🔲 Sanitary, Storm Sewer and Water Main
215 🔲 Concrete Paving	Construction
220 🔲 Con. Sidewalk/Curb & Gutter/Misc. Flat Work	276 🔲 Sawcutting
221 🔲 Concrete Bases and Other Concrete Work	280 🔲 Sewer Lateral Drain Cleaning/Internal TV Insp.
222 🔲 Concrete Removal	285 🖾 Sewer Lining
225 🔲 Dredging	290 🔲 Sewer Pipe Bursting
230 🔲 Fencing	295 🔲 Soil Borings
235 Tiber Optic Cable/Conduit Installation	300 🔲 Soil Nailing
240 🔲 Grading and Earthwork	305 🔲 Storm & Sanitary Sewer Laterals & Water Svc.
241 Horizontal Saw Cutting of Sidewalk	310 Street Construction
242 Hydro Excavating	315 Street Lighting
243 Infrared Seamless Patching	318 Tennis Court Resurfacing
245 🔲 Landscaping, Maintenance	320 Traffic Signals
246 Ecological Restoration	325 Traffic Signing & Marking
250 Landscaping, Site and Street	332 Tree pruning/removal
251 Parking Ramp Maintenance	333 Tree, pesticide treatment of
252 Pavement Marking	335 Trucking
	340 Utility Transmission Lines including Natural Gas,
260 Petroleum Above/Below Ground Storage	Electrical & Communications
Tank Removal/Installation	399 🔲 Other
262 🔲 Playground Installer	
Bridge Construction	
501 🔲 Bridge Construction and/or Repair	
Building Construction	
401 Eloor Covering (including carpet, ceramic tile installation,	437 Metals
rubber, VCT	440 Painting and Wallcovering
402 Building Automation Systems	445 🔲 Plumbing
403 Concrete	450 🔲 Pump Repair
404 🔲 Doors and Windows	455 🔲 Pump Systems
405 🔲 Electrical - Power, Lighting & Communications	460 🔲 Roofing and Moisture Protection
410 🔲 Elevator - Lifts	464 🔲 Tower Crane Operator
412 🔲 Fire Suppression	461 🔲 Solar Photovoltaic/Hot Water Systems
413 Furnishings - Furniture and Window Treatments	465 Soil/Groundwater Remediation
415 General Building Construction, Equal or Less than \$250,000	466 🔲 Warning Sirens
420 General Building Construction, \$250,000 to \$1,500,000	470 🔲 Water Šupply Elevated Tanks
425 General Building Construction, Over \$1,500,000	475 🔲 Water Supply Wells
428 Glass and/or Glazing	480 Wood, Plastics & Composites - Structural &
429 Hazardous Material Removal	Architectural
430 Heating, Ventilating and Air Conditioning (HVAC)	499 🗍 Other
433 Insulation - Thermal	
435 Masonry/Tuck pointing	

State of Wisconsin Certifications

1	Class 5 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for quarries, o	open pits and
	road cuts.	

2 Class 6 Blaster - Blasting Operations and Activities 2500 feet and closer to inhabited buildings for trenches, site

- excavations, basements, underwater demolition, underground excavations, or structures 15 feet or less in height.
 Class 7 Blaster Blasting Operations and Activities for structures greater than 15 ' in height, bridges, towers, and any of the objects or purposes listed as "Class 5 Blaster or Class 6 Blaster".
- 4 Detroleum Above/Below Ground Storage Tank Removal and Installation (Attach copies of State Certifications.)
- 5 Hazardous Material Removal (Contractor to be certified for asbestos and lead abatement per the Wisconsin Department of Health Services, Asbestos and Lead Section (A&LS).) See the following link for application: <u>www.dhs.wisconsin.gov/Asbestos/Cert</u>. State of Wisconsin Performance of Asbestos Abatement Certificate must be attached.
- 6 Certification number as a Certified Arborist or Certified Tree Worker as administered by the International Society of _____ Arboriculture
- 7 Pesticide application (Certification for Commercial Applicator For Hire with the certification in the category of turf and landscape (3.0) and possess a current license issued by the DATCP)
- 8 State of Wisconsin Master Plumbers License.

SECTION B: PROPOSAL

Please refer to the Bid Express Website at <u>https://bidexpress.com</u> look up contract number and go to Section B: Proposal Page

You can access all City of Madison bid solicitations for FREE at www.bidexpress.com

Click on the "Register for Free" button and follow the instructions to register your company and yourself. You will be asked for a payment subscription preference, since you may wish to bid online someday. Simply choose the method to pay on a 'per bid' basis. This requires no payment until / unless you actually bid online. You can also choose the monthly subscription plan at this time. You will, however, be asked to provide payment information. Remember, you can change your preference at anytime. You will then be able to complete your free registration and have full access to the site. Your free access does not require completion of the 'Digital ID' process, so you will have instant access for viewing and downloading. To be prepared in case you ever do wish to bid online, you may wish to establish your digital ID also, since you cannot bid without a Digital ID.

If you have any problems with the free registration process, you can call the bidexpress help team, toll free at 1-888-352-2439 (option 1, option1).

SECTION C: SMALL BUSINESS ENTERPRISE

Instructions to Bidders City of Madison SBE Program Information

2 Small Business Enterprise (SBE) Program Information

2.1 Policy and Goal

The City of Madison reaffirms its policy of nondiscrimination in the conduct of City business by maintaining a procurement process which remains open to all who have the potential and ability to sell goods and services to the City. It is the policy of the City of Madison to allow Small Business Enterprises (SBE) maximum feasible opportunity to participate in City of Madison contracting. The bidder acknowledges that its bid has been submitted in accordance with the SBE program and is for the public's protection and welfare.

Please refer to the "ADVERTISEMENT FOR BIDS" for the goal for the utilization of SBEs on this project. SBEs may participate as subcontractors, vendors and/or suppliers, which provide a commercially useful function. The dollar value for SBE suppliers or 'materials only' vendors shall be discounted to 60% for purposes of meeting SBE goals.

A bidder which achieves or exceeds the SBE goal will be in compliance with the SBE requirements of this project. In the event that the bidder is unable to achieve the SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Failure to either achieve the goal or demonstrate a good faith effort to do so will be grounds for the bidder being deemed a non-responsible contractor ineligible for award of this contract.

A bidder may count towards its attainment of the SBE goal only those expenditures to SBEs that perform a commercially useful function. For purposes of evaluating a bidder's responsiveness to the attainment of the SBE goal, the contract participation by an SBE is based on the percentage of the total base bid proposed by the Contractor. The total base bid price is inclusive of all addenda.

Work performed by an SBE firm in a particular transaction can be counted toward the goal only if it involves a commercially useful function. That is, in light of industry practices and other relevant considerations, does the SBE firm have a necessary and useful role in the transaction, of a kind for which there is a market outside the context of the SBE Program, or is the firm's role a superfluous step added in an attempt to obtain credit towards goals? If, in the judgment of the Affirmative Action Division, the SBE firm will not perform a commercially useful function in the transaction, no credit towards goals will be awarded.

The question of whether a firm is performing a commercially useful function is completely separate from the question of whether the firm is an eligible SBE. A firm is eligible if it meets the definitional criteria and ownership and control requirements, as set forth in the City of Madison's SBE Program.

If the City of Madison determines that the SBE firm is performing a commercially useful function, then the City of Madison must then decide what that function is. If the commercially useful function is that of an SBE vendor / supplier that regularly transacts business with the respective product, then the City of Madison will count 60% of the value of the product supplied toward SBE goals.

To be counted, the SBE vendor / supplier must be engaged in selling the product in question to the public. This is important in distinguishing an SBE vendor / supplier, which has a regular trade with a variety of customers, from a firm which performs supplier-like functions on an <u>ad hoc</u> basis or for only one or two contractors with whom it has a special relationship.

A supplier of bulk goods may qualify as an eligible SBE vendor / supplier if it either maintains an inventory or owns or operates distribution equipment. With respect to the distribution equipment; e.g., a fleet of trucks, the term "operates" is intended to cover a situation in which the supplier leases the equipment on a regular basis for its entire business. It is not intended to cover a situation in which the firm simply provides drivers for trucks owned or leased by another party; e.g., a prime contractor, or leases such a party's trucks on an <u>ad hoc</u> basis for a specific job.

If the commercially useful function being performed is not that of a qualified SBE vendor / supplier, but rather that of delivery of products, obtaining bonding or insurance, procurement of personnel, acting as a broker or manufacturer's representative in the procurement of supplies, facilities, or materials, etc., only the fees or commissions will apply towards the goal.

For example, a business that simply transfers title of a product from manufacturer to ultimate purchaser; e. g., a sales representative who re-invoices a steel product from the steel company to the Contractor, or a firm that puts a product into a container for delivery would not be considered a qualified SBE vendor / supplier. The Contractor would not receive credit based on a percentage of the cost of the product for working with such firms.

Concerning the use of services that help the Contractor obtain needed supplies, personnel, materials or equipment to perform a contract: only the fee received by the service provider will be counted toward the goal. For example, use of a SBE sales representative or distributor for a steel company, if performing a commercially useful function at all, would entitle the Contractor receiving the steel to count only the fee paid to the representative or distributor toward the goal. This provision would also govern fees for professional and other services obtained expressly and solely to perform work relating to a specific contract.

Concerning transportation or delivery services: if an SBE trucking company picks up a product from a manufacturer or a qualified vendor / supplier and delivers the product to the Contractor, the commercially useful function it is performing is not that of a supplier, but simply that of a transporter of goods. Unless the trucking company is itself the manufacturer or a qualified vendor / supplier in the product, credit cannot be given based on a percentage of the cost of the product. Rather, credit would be allowed for the cost of the transportation service.

The City is aware that the rule's language does not explicitly mention every kind of business that may contribute work on this project. In administering these programs, the City would, on a case-by-case basis, determine the appropriate counting formula to apply in a particular situation.

2.2 Contract Compliance

Questions concerning the SBE Program shall be directed to the Contract Compliance Officer of the City of Madison Department of Civil Rights, Affirmative Action Division, 210 Martin Luther King, Jr. Blvd., Room 523, Madison, WI 53703; telephone (608) 266-4910.

2.3 Certification of SBE by City of Madison

The Affirmative Action Division maintains a directory of SBEs which are currently certified as such by the City of Madison. Contact the Contract Compliance Officer as indicated in Section 2.2 to receive a copy of the SBE Directory or you may access the SBE Directory online at https://www.cityofmadison.com/civil-rights/contract-compliance.

All contractors, subcontractors, vendors and suppliers seeking SBE status must complete and submit the Targeted Business Certification Application to the City of Madison Affirmative Action Division by the time and date established for receipt of bids. A copy of the Targeted Business Certification Application is available by contacting the Contract Compliance Officer at the address and telephone indicated in Section 2.2 or you may Business Certification access the Targeted Application online at www.citvofmadison.com/civil-rights/contract-compliance/targeted-business-enterpriseprograms/targeted-business-enterprise. Submittal of the Targeted Business Certification Application by the time specified does not guarantee that the applicant will be certified as a SBE eligible to be utilized towards meeting the SBE goal for this project.

2.4 Small Business Enterprise Compliance Report

2.4.1 **Good Faith Efforts**

Bidders shall take all necessary affirmative steps to assure that SBEs are utilized when possible and that the established SBE goal for this project is achieved. A contractor who self performs a portion of the work, and is pre-qualified to perform that category of work, may subcontract that portion of the work, but shall not be required to do so. When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. Such a good faith effort should include the following:

- 2.4.1.1 Attendance at the pre-bid meeting.
- 2.4.1.2 Using the City of Madison's directory of certified SBEs to identify SBEs from which to solicit bids.
- 2.4.1.3 Assuring that SBEs are solicited whenever they are potential sources.
- 2.4.1.4 Referring prospective SBEs to the City of Madison Affirmative Action Division for certification.
- 2.4.1.5 Dividing total project requirements into smaller tasks and/or quantities, where economically feasible, to permit maximum feasible SBE participation.
- 2.4.1.6 Establishing delivery schedules, where requirements permit, which will encourage participation by SBEs.
- 2.4.1.7 Providing SBEs with specific information regarding the work to be performed.
- 2.4.1.8 Contacting SBEs in advance of the deadline to allow such businesses sufficient time to prepare a bid.
- 2.4.1.9 Utilizing the bid of a qualified and competent SBE when the bid of such a business is deemed reasonable (i.e. 5% above the lowest bidder), although not necessarily low.
- 2.4.1.10 Contacting SBEs which submit a bid, to inquire about the details of the bid and confirm that the scope of the work was interpreted as intended.
- 2.4.1.11 Completion of Cover Page (page C-6), Summary Sheet (page C-7) and SBE Contact Reports (pages C-8 and C9) if applicable.

2.4.2 **Reporting SBE Utilization and Good Faith Efforts**

The Small Business Enterprise Compliance Report is to be submitted by the <u>bidder</u> with the bid: This report is due by the specified bid closing time and date. Bids submitted without a completed SBE Compliance Report as outlined below may be deemed non-responsible and the bidder ineligible for award of this contract. Nothwithstanding any language to the contrary contained herein, the City may exercise its discretion to allow bidders to correct or supplement submissions after bid opening, if the minor discrepancy, bid irregularity or omission is insignificant and not one related to price, quality, quantity, time of completion, performance of the contract, or percentage of SBE utilization.

- 2.4.2.1 If the Bidder <u>meets or exceeds</u> the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:
 - 2.4.2.1.1 **Cover Page**, Page C-6; and
 - 2.4.2.1.2 **Summary Sheet,** C-7.
- 2.4.2.2 If the bidder <u>does not meet</u> the goal established for SBE utilization, the Small Business Enterprise Compliance Report shall consist of the following:
 - 2.4.2.2.1 **Cover Page**, Page C-6;
 - 2.4.2.2.2 Summary Sheet, C-7; and
 - 2.4.2.2.3 **SBE Contact Report**, C-8 and C-9. (A <u>separate</u> Contact Report must be completed for <u>each applicable</u> SBE which is <u>not</u> utilized.)

2.5 Appeal Procedure

A bidder which does not achieve the established goal and is found non-responsible for failure to demonstrate a good faith effort to achieve such goal and subsequently denied eligibility for award of contract may appeal that decision to the Small Business Enterprises Appeals Committee. All appeals shall be made in writing, and shall be delivered to and received by the City Engineer no later than 4:30 PM on the third business day following the bidder's receipt of the written notification of ineligibility by the Affirmative Action Division Manager. Postmark not acceptable. The notice of appeal shall state the basis for the appeal of the decision of the Affirmative Action Division Manager. The Appeal shall take place in accordance with Madison General Ordinance 33.54.

2.6 SBE Requirements After Award of the Contract

The successful bidder shall identify SBE subcontractors, suppliers and vendors on the subcontractor list in accordance with the specifications. The Contractor shall submit a detailed explanation of any variances between the listing of SBE subcontractors, vendors and/or suppliers on the subcontractor list and the Contractor's SBE Compliance Report for SBE participation.

No change in SBE subcontractors, vendors and/or suppliers from those SBEs indicated in the SBE Compliance Report will be allowed without prior approval from the Engineer and the Affirmative Action Division. The contractor shall submit in writing to the City of Madison Affirmative Action Division a request to change any SBE citing specific reasons which necessitate such a change. The Affirmative Action Division will use a general test of reasonableness in approving or rejecting the contractor's request for change. If the request is approved, the Contractor will make every effort to utilize another SBE if available. The City will monitor the project to ensure that the actual percentage commitment to SBE firms is carried out.

2.7 SBE Definition and Eligibility Guidelines

A Small Business Enterprise is a business concern awarded certification by the City of Madison. For the purposes of this program a Small Business Enterprise is defined as:

- A. An independent business operated under a single management. The business may not be a subsidiary of any other business and the stock or ownership may not be held by any individual or any business operating in the same or a similar field. In determining whether an entity qualifies as a SBE, the City shall consider all factors relevant to being an independent business including, but not limited to, the date the business was established, adequacy of its resources for the work in which it proposes to involve itself, the degree to which financial, equipment leasing and other relationships exist with other ineligible firms in the same or similar lines of work. SBE owner(s) shall enjoy the customary incidents of ownership and shall share in the risks and profits commensurate with their enjoyment interests, as demonstrated by an examination of the substance rather than form or arrangements that may be reflected in its ownership documents.
- B. A business that has averaged no more than \$4.0 million in annual gross receipts over the prior three year period and the principal owner(s) do not have a personal net worth in excess of \$1.32 million.

Firm and/or individuals that submit fraudulent documents/testimony may be barred from doing business with the City and/or forfeit existing contracts.

SBE certification is valid for one (1) year unless revoked.

Small Business Enterprise Compliance Report

This information may be submitted electronically through Bid Express or submitted with bid in sealed envelope.

Cover S	Sheet
---------	-------

Prime Bidder Information	
Company:	
Address:	
Telephone Number:	Fax Number:
Contact Person/Title:	
Prime Bidder Certification	
I,	,of
Name	Title
	certify that the information
Company	
contained in this SBE Compliance Report is true and	correct to the best of my knowledge and belief.

Witness' Signature

Bidder's Signature

Date

Small Business Enterprise Compliance Report

Summary Sheet

SBE Subcontractors Who Are NOT Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%
Subtotal SBE who are NOT suppliers:		%

SBE Subcontractors Who Are Suppliers

Name(s) of SBEs Utilized	Type of Work	% of Total Bid Amount
		%
		%
		%
		%
		%
		%
Subtotal Contractors who are suppliers:	% x 0.6 =	% (discounted to 60%)
Total Percentage of SBE Utilization:	%.	

Small Business Enterprise Compliance Report

SBE Contact Report

Submit <u>separate</u> copy of this form for <u>each</u> SBE which you are not able to utilize towards meeting the SBE goal for this project. Attach separate sheets if necessary.

<u>SBE Inf</u>	formation
Compa	ny:
Address	S:
Telepho	one Number:
Contact	t Person/Title:
1.	Outline below all efforts to solicit a bid from the above SBE. Include date, means of contact, who from your company made this contact and the result.
2.	Describe the information provided to the aforementioned SBE regarding the scope of work for which he/she was to provide a bid.
	Is this the same scope of work on which the subcontractor you intend to utilize based his/her bid?
3.	Did this SBE submit a bid?
4.	Is the General Contractor pre-qualified to self-perform this category of work?
	Yes No

5.		responded "Yes" to Question 3, please check the items below which apply and provide the sted detail. If you responded "No" to Question 3, please skip ahead to item 6 below.
		The SBE listed above is unavailable for work on this project for the following reasons. Provide specific detail for this conclusion.
		The SBE listed above is unqualified for work on this project. Provide specific details for this conclusion.
		The SBE listed above provided a price that was unreasonable (i.e. more than 5% above the lowest bidder). Provide specific detail for this conclusion including the SBE's price and the price of the subcontractor you intend to utilize.
		A contract with the SBE listed above may constitute a breach of the bidder's collective bargaining agreements. Provide specific detail for this conclusion including, but not limited to, correspondence from the SBE indicating it will not sign a project labor agreement and/or correspondence from the applicable trade union indicating a project labor agreement will not be allowed at the time of project bidding.
		Other; please specify reason(s) other than listed above which made it impossible for you to utilize this SBE on this project.
6.	Descr	ibe any other good faith efforts:

Rev. 8/27/2024-9536 Contract.doc

SECTION D: SPECIAL PROVISIONS

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

It is the intent of these Special Provisions to set forth the final contractual intent as to the matter involved and shall prevail over the Standard Specifications and plans whenever in conflict therewith. In order that comparisons between the Special Provisions can be readily made, the numbering system for the Special Provisions is equivalent to that of the Specifications.

Whenever in these Specifications the term "Standard Specifications" appears, it shall be taken to refer to the City of Madison Standard Specifications for Public Works Construction and Supplements thereto.

SECTION 102.11: BEST VALUE CONTRACTING

This Contract shall be considered a Best Value Contract if the Contractor's bid is equal to or greater than \$75,500 for a single trade contract; or equal to or greater than \$369,500 for a multi-trade contract pursuant to MGO 33.07(7).

ARTICLE 104 SCOPE OF WORK

This contract shall include the trenchless rehabilitation of an approximately 79 feet linear feet of 8" ductile iron sanitary sewer mains using thermal cure CIPP methods (two mains total). The sewer mains to be lined are siphons (i.e. pipes with bends) with observed groundwater infiltration. Active service connections have not been observed on these sewer mains. Reinstatement of service connections is not anticipated as part of this contract.

Rehabilitation of the sanitary sewer mains shall be without excavation by the installation of a resinimpregnated flexible tube which, when cured, shall be continuous and tight fitting throughout the entire length of the original pipe. The CIPP shall extend the full length of the original pipe and provide a structurally sound, jointless and watertight new pipe within a pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor and approved by the Engineer. The contact information for the Project Engineer is:

Eric Cefalu City of Madison – Engineering Division 210 Martin Luther King Jr Blvd, Room 115 Madison, WI, 53703 <u>ECefalu@cityofmadison.com</u> 608-243-5894

Neither the CIPP system nor its installation shall cause adverse effects to any of the City of Madison's processes or facilities. The use of the product shall not result in the formation or production of any detrimental compounds or by-products at the wastewater treatment plant. The Contractor shall cleanup, restore existing surface conditions and structures, and repair any of the CIPP system determined to be defective. The Contractor shall conduct installation operations and schedule cleanup in a manner to cause the least possible obstruction and inconvenience to traffic, pedestrians, businesses, and property owners or tenants.

The specific pipe sections included in the scope of this contract are identified in the Detailed Lining Lists shown on the accompanying plan set.

SECTION 104.4, 104.5, 104.6 INCREASED, DECREASED, OR DELETED ITEMS

The quantities for this contract have been estimated for the purpose of bidding. No revisions in the unit price bid shall be made in the event these items are increased, decreased, or deleted.

SECTION 105.1 <u>AUTHORITY OF THE ENGINEER</u>

The Engineer shall resolve all questions which arise as to the quality and acceptability of materials furnished, work performed, manner of performance, rate of progress of the work, interpretation of the plans and Specifications, acceptable fulfillment of the contract, compensation, and disputes and mutual rights between Contractors under the Specifications. The Engineer shall determine the amount and quantity of work performed and materials furnished.

All decisions of the Engineer shall, when so requested, be rendered in writing. They shall be final and conclusive in all matters unless, within ten (10) days after such decision, the Contractor applies in writing to the Board of Public Works for a review of such decision.

Any change proposed by a Contractor in SBE subcontractors, vendors or suppliers from those SBEs indicated on the SBE Compliance Report must be approved by the Engineer and the City's Manager of the Affirmative Action Division (hereafter, AAD). When requested, such decision shall be rendered in writing. Such decisions shall be final and conclusive in all matters unless, within ten (10) days after such decision, the Contractor or the affected SBE applies in writing to the Board of Public Works for a review of such decision.

In the event the Engineer and the AAD disagree over the proper decision to be made regarding an SBE, the Mayor shall appoint a third person to resolve the disagreement, within 30 days of appointment. The decision thus rendered may be reviewed by the Board of Public Works upon request of the Contractor or the affected SBE as set forth in Sections 105.1 and 105.2 of the City's Standard Specifications.

SECTION 105.12 COOPERATION BY THE CONTRACTOR

The Blair Street sanitary sewer main to be lined is located within a privately maintained public garden (Gateway Garden). The Contractor shall provide both the City and the garden volunteer group notice twoweeks prior to lining this main so that garden volunteers have ample time to prepare the garden for the minor ground disturbance anticipated as part of this work. The contact for the garden volunteer group is Ellen Henningsen, info@blairstreetgardens.org. The Contractor shall use care around existing trees, plantings, fences, walls, steps, paved trails, boardwalks, and driveways that may be encountered during the installation of the CIPP liner. Damage to these items during construction shall be repaired or replaced at the Contractor's expense.

The North Mills Street sanitary sewer main to be lined is located adjacent to the UW-Madison Facilities Planning and Management building (30 North Mills St). One of the sewer main access structures (SAS 4652-015) is located within a driveway to this property. The Contractor shall coordinate with UW-Madison Facilities staff prior to performing this work. The Contractor shall accommodate the building's daily operational requirements to the greatest extent feasible.

Both sanitary sewer mains to be lined are located within the broader downtown Madison/UW-Madison area. The Contractor shall NOT perform work at these locations during high traffic events such as football games, Dane County Farmer's Market, UW-Madison graduation ceremonies, etc. The Contractor shall be responsible for ensuring work is not performed on such dates although the City reserves the right to dictate additional dates in which work cannot be performed as needed.

The Contractor shall maintain access for property owners during the installation of CIPP liners. Any closure of driveways shall require notice by the Contractor at least 72 hours prior.

SECTION 107.1 PUBLIC CONVENIENCE AND SAFETY

Access to businesses and commercial driveways shall be maintained at all times. The Contractor shall coordinate with parking lot property owners to maintain access and notify residents of access routes.

The Contractor shall properly barricade and light all work areas. All equipment and items incidental to the work shall not be left or stored on the sidewalk or in the sidewalk area.

SECTION 107.2 PROTECTION AND RESTORATION OF PROPERTY

The Contractor shall coordinate restoration of sanitary or storm sewer easements and private property, which the property owner allows the Contractor to use, with the property owner. Standard City seed mix, topsoil, and mulch shall be used to restore all grassed areas. Any fencing or storage sheds moved by the Contractor shall be restored as directed by the property owner.

This Section applies to restoration and protection of property within easements accessed during this project. All restoration costs shall be the responsibility of the Contractor.

SECTION 107.7 MAINTENANCE OF TRAFFIC

All signing and barricading shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 – Standard Detail Drawings) and the City of Madison Standards for sidewalk and bikeway closures.

The Contractor shall submit an acceptable Traffic Control Plan to Tom Mohr, tmohr@cityofmadison.com, prior to the preconstruction meeting for work related to lining this sewer main. The Traffic Control Plan shall include any necessary detour routes, signing and phasing schedule with the dates of lane closures. No work shall begin without an approved Traffic Control Plan.

The Contractor shall contact Madison Metro at <u>metronotice@cityofmadison.com</u>, at least seven days prior to any bus route or bus stop changes that are necessary to complete the work. Contractor is responsible for any temporary no parking restriction postings needed to create alternative bus stop zones and any material and work needed to create a temporary bus stop.

Full road or intersection closures are typically NOT considered an acceptable form of traffic control for sewer lining/bypass work and should not be assumed as an option during bid and traffic control plan preparation. Traffic flow shall be maintained to the greatest extent feasible.

Peak-Hour Lane Closure Restrictions:

Peak-hours are defined as weekdays from 7:00 a.m. to 8:30 a.m. and from 3:30 p.m. to 6:00 p.m. Unless approved by City Traffic Engineering prior to commencing work, the Contractor shall not restrict traffic, or close any traffic lanes during peak hours on the following streets:

- Williamson Street
- Blair Street (US Highway 151)
- East Wilson Street
- Mills Street (North & South)
- Regent Street

The Contractor shall also not restrict traffic along the Capital City Trail (i.e. the bike path adjacent to the Blair Street sanitary sewer main to be lined) during peak hours unless approved by Traffic Engineering. Any proposed path closures must be reviewed by City Traffic Engineering in advance and should include advance warning signs, temporary pedestrian barricades to adequately close the path at the appropriate location(s), and appropriate detour signage where necessary, as determined by Traffic Engineering, all of which shall be included in the lump sum pricing for this item.

All equipment and materials must be removed from travel lanes and all travel lanes fully open to traffic flow. Contact Tom Mohr, Traffic Engineering Division, 608-267-8725, with any questions concerning these traffic control specifications.

Access to residential properties shall be maintained whenever possible. Any closure of driveways shall require notice by the Contractor at least 72 hours prior.

The Contractor shall provide ADA/Handicap Accessible pedestrian access at all intersections within the construction area at all times. Sidewalks shall be maintained on at least one side of the street at all times.

The Contractor may remove parking within the project limits as necessary to facilitate construction. The Contractor shall be responsible for posting and maintaining NO PARKING signs in accordance with City of Madison Police Department's "Guidelines for Temporary No Parking Restrictions for Construction or Special Events".

The work areas shall be backfilled, plated, or protected by traffic control devices during non-working hours. If steel plates are used, the Contractor shall notify the City of Madison Streets Division, 266-4681, 24-hours prior to placement of the plates.

The Contractor shall provide bridging for wastewater hosing when the hosing is to lay on the pavement under traffic. Contractor shall provide signing in advance of bumps where there is hosing crossing the lane of traffic.

No construction equipment or materials shall be stored in the roadway or street right-of-way that is open to traffic during non-working hours. Construction equipment and materials are not to be stored within the street right-of-way that is outside the project limits as shown on the approved plan.

The Contractor shall maintain bike path operation while accessing construction site or while construction is occurring. A traffic control plan shall be submitted to the Engineer for approval a minimum ten (10) working days prior to installation of liner when accessing the construction site by use of a bike path. A flagger must be placed ahead of and behind any motorized vehicles that are present on a bike path.

SECTION 107.13 TREE PROTECTION

No equipment or materials will be allowed to be parked on, driven over, or be piled on areas within five (5) feet of a tree as measured from the outside edge of the tree trunk or visible aboveground portion of the root system in order to prevent soil compaction and damage to trunks and branches of trees through scraping or scuffing park. Construction fencing shall be provided, installed, and removed around all trees located along the access route within parks or as directed by the Engineer. Construction fencing shall be incidental to sewer main lining. Contractor shall also follow all requirements of Section 107.13 of the Standard Specifications.

SECTION 108.2 PERMITS

John Nolen Dr & S Blair St are part of US Highway 151. if necessary, the contractor shall be responsible for obtaining any permits required to occupy and/or work within the highway right of way during this project.

This section is not intended to be exhaustive of all permits that may be required to be obtained by the Contractor for construction of this project. It shall be the responsibility of the Contractor to identify and obtain any other permits needed for construction,

The Contractor shall meet all the conditions of the permits specified in these Special Provisions, or as directed by the Construction Engineer or his designees.

SECTION 109.2 PROSECUTION OF THE WORK

The earliest the Contractor may begin work is <u>OCTOBER 22, 2024</u>. All work under this contract shall be completed within <u>ONE HUNDRED TWENTY (120) CALENDER DAYS</u> of the start work letter issue date.

Work shall begin only after a start work letter is received. If it is desirable to begin work before the above-mentioned date, the Contractor shall establish a mutually acceptable date with the City Engineer, and the agreed upon date must be determined prior to the preconstruction meeting.

After execution of the contract, the Contractor shall schedule a preconstruction meeting with the Engineer.

Work on this project may start no earlier than 7:00 AM Monday through Saturday and must be completed each day no later than 7:00 PM, unless otherwise authorized by the Engineer. Any bypass pumping using onsite generators shall also not extend beyond these hours unless approved in advance by the City Engineer.

ARTICLE 509 CURED-IN-PLACE PIPE (CIPP) REHABILITATION OF SEWERS

Perform all work in accordance with these provisions and the City of Madison Standard Specifications (Standard Specifications) Latest Edition. View sites prior to bidding and become familiar with existing conditions.

SECTION 509.3 SUBMITTALS

The Contractor shall not install materials or equipment, which requires submittals, until reviewed by the Engineer. The Engineer's review will be completed as quickly as possible, but may require up to ten (10) working days from the date the submittals are received until they are sent to the Contractor.

The Contractor shall submit the following materials to the Engineer:

509.3(a) Product Data

- 1. Manufacturer's product literature and application, installation and recommended repair (patching) requirements for materials used in liner.
- 2. Manufacturer's product certification of conformance to ASTM Standards for materials used in liner.
- 3. Example Manufacturer's Wet Out Report and the Manufacturer's recommended curing procedure to be submitted with initial product data submittals, as well as actual Manufacturer's Wet Out

Report including raw resin data for each liner to be installed and the Manufacturer's recommended curing procedure, temperature and pressure.

- 4. Two (2) copies of Liner Pipe Thickness Design Calculations. The design calculations shall be in accordance with Appendix X.I of ASTM F 1216. The liner thickness calculations shall assume the physical properties stated in Section 509.5(d) of the City of Madison Standard Specifications.
- 5. Test results from previous field installations of the same resin system and tube materials as proposed for the actual installation.
- 6. The proposed CIPP flow capacity calculations.
- 7. Manufacturer's product literature, application and installation method used to seal ends of liner.

No liner will be approved for installation until the City has returned one (1) set of approved design calculations to the Contractor.

Compensation for all work required for the submittal of product data shall be considered incidental to the project.

509.3(b) Digital Video

- 1. Submit digital video of cleaned pipes in pre-lining condition. The video shall be submitted prior to proceeding with liner insertion.
- 2. Submit digital video of pipes in post-lining condition.
- 509.3(c) Sewage Bypassing Plan

Submit proposed plan for bypassing sanitary sewage during liner installation. Plan shall be to scale and shall show location of existing City sewer access structures.

509.3(d) Traffic Control Plan

Submit proposed Traffic Control plan in accordance to Article 107.7 of these Special Provisions.

509.3(e) Public Notifications / Door Hangers

The Contractor shall prepare and submit written notice describing the work to be performed for the Engineer to review. Upon acceptance by the Engineer, the notice shall be delivered to each home or business between a minimum of seven (7) days and a maximum of two (2) months prior to the beginning of work being conducted on the pipe section. Door hangers shall also be placed at effected properties between no later than 24 hours and no earlier than 72 hours prior to the sewer service interruption. All notices shall also contain a local (or toll free) telephone number of the Contractor that property owners can use to discuss the project or any problems that arise during installation of the liner. Contractor shall also arrange meetings with any occupants whose service cannot be reinstated within the time referenced in the written notice. Any related costs such as hotel expenses or residential bypass pumping are the responsibility of the Contractor.

The City can provide the Contractor with names and addresses of effected property owners and tenants within the project limits upon request.

SECTION 509.5 (b) TUBE MATERIALS

For Thermal Cure CIPP systems, the tube material shall meet the requirements of ASTM F 1216 and ASTM D5813, or better. The tube shall consist of one or more layers of flexible needled felt or an equivalent nonwoven or woven material, or a combination of nonwoven and woven materials, capable of carrying resin, withstanding installation pressures and curing temperatures. The tube shall be compatible with the resin system used. The material shall be able to stretch to fit irregular pipe sections and negotiate bends. The outside layer of the tube shall be plastic coated with a material that is compatible with the resin system used. The tube shall be fabricated to a size that, when installed, will tightly fit the internal circumference and the length of the original conduit. Allowance shall be made for circumferential stretching during inversion. Seams in the tube shall be stronger than the non-seamed material.

For any tube installed, the wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment may be made.

SECTION 509.5 (c) RESIN MATERIALS

For Thermal Cure CIPP Systems, the resin system shall meet the structural and chemical resistance requirements of ASTM F 1216 and/or ASTM F 1743, or better. A general purpose, unsaturated, styrene-based, thermoset resin and catalyst system or an epoxy resin and hardener that is compatible with the inversion process shall be used. The resin must be able to cure in the presence of water and the initiation temperature for cure shall be less than 180°F (82.2°C).

SECTION 509.6 (c) INSTALLATION

Thermal Cure CIPP systems shall be installed in accordance with ASTM F 1216.

1. Resin Impregnation

A certified Wet Out Report shall be completed, signed, and submitted for each liner delivered to the site. The Wet Out Report shall include, but is not limited to, wet-out date, resin identification, resin weight, resin admixtures, fabric tube length, diameter, and thickness.

For Thermal Cure CIPP systems, the tube shall be vacuum-impregnated with resin (wet-out) under controlled conditions. The volume of resin used shall be sufficient to fill all voids in the tube material at nominal thickness and diameter. The volume shall be adjusted by adding 5% to 10% excess resin volume compared to the volume of the felt to compensate for the change in resin volume due to polymerization and to allow for any migration of resin into the cracks and joints in the original pipe.

2. Tube Insertion

The wet-out tube shall be positioned in the pipeline using either inversion (ASTM F 1216) or a pull-in method (ASTM F 1743), The tube shall be pulled-in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.

3. Curing

For Thermal Cure CIPP systems, curing shall be accomplished by utilizing steam or circulating heated water under hydrostatic pressure in accordance with ASTM F 1216 and the manufacturer's recommended cure schedule.

Using Steam

Steam curing systems shall include an elevated steam discharge. The City of Madison Inspector shall monitor and record styrene levels for each liner curing. At the direction of the Inspector, any steam condensate or styrene residue shall be cleaned and disposed at the Contractor's expense.

Using Circulating Heated Water

The heat source shall be fitted with suitable monitors to gage the temperature of the incoming and outgoing water supply. Another such gage shall be placed between the impregnated tube and the pipe invert at the termination to determine the temperature during cure.

4. Sealing Liner at Sewer Access Structures

Seals shall be made with LMK Technologies End Seal Sleeve, or an Engineer approved equivalent.

SECTION 509.7 INSPECTION AND TESTING

SECTION 509.7(a) CIPP SAMPLES

The Contractor shall furnish all samples for product testing to the Engineer. The Engineer shall take possession of the samples for testing and shall maintain the chain of custody, deliver the samples to an approved laboratory and pay for all material and product testing performed under this contract.

The samples shall be prepared and physical properties tested in accordance with ASTM F 2019. The flexural properties must meet or exceed the values listed in Table 1, Section 509.5(d).

For each inversion length, the preparation of one CIPP sample is required. The sample will be obtained using one of the following methods:

- 1. The sample shall be cut from a section of cured CIPP at an intermediate manhole or at the termination point that has been inverted through a like diameter pipe which has been restrained to conform to the host pipe by a suitable heat sink, such as sandbags.
- 2. The sample shall be fabricated from material taken from the tube and the resin/catalyst system used and cured in a clamped mold.

Each sample shall be large enough to provide five specimens for flexural testing and tensile testing.

CCTV Inspection and Acceptance - The Contractor shall perform a detailed closed-circuit television inspection in accordance with NAASCO's Pipeline Assessment and Certification Program (PACP) standards, after installation of the CIPP liner. The finished liner shall be continuous over the entire length of the installation and shall be free of significant visual defects, damage, deflection, holes, leaks and other defects. Unedited digital documentation of the inspection shall be provided to the City within ten (10) working days of the liner installation. The data shall note the inspection date, location of all reconnected service connections (if any), debris, as well as any other defects in the liner, including, but not limited to, gouges, cracks, bumps, or bulges. If post installation inspection documentation is not submitted within ten (10) working days of the liner installation, the City may at its discretion suspend any further installation of CIPP until the post installation documentation is submitted. As a result of this suspension, no additional working days will be added to the contract, nor will any adjustment be made for increase in cost. Immediately prior to conducting the closed circuit television inspection, the Contractor shall thoroughly clean the newly installed liner removing all debris and buildup that may have accumulated.

The installation shall be inspected by closed-circuit television. No infiltration of groundwater shall be observed. All live service entrances shall be accounted for and be unobstructed (if any). CCTV inspection of the CIPP liner shall be in accordance with ASTM F 1216 and Section 509.6(b).

The Contractor shall take a still image of the watertight seal between the host pipe and liner at the connection to the sewer access structure.

If the Engineer's review of the final CCTV submittal identifies repairable defects, the Contractor may be requested to submit a manufacturer reviewed/approved repair plan rather than reinstalling the entire defective CIPP. The Engineer must be provided a 24 hour notice to approve method prior to work commencing on defect repair and enable inspection of method and result of repair. Any such repairs shall include an extended warranty by the Contractor for one (1) additional year from the expiration of the Contract warranty.

The following repair methods for common defects are considered acceptable:

- Defect: Wrinkles/ridges exceeding 5% of pipe diameter outside of 120-degree invert arc OR wrinkles/ridges exceeding 2% of pipe diameter inside of the 120-degree invert arc centered at the bottom of the pipe.
 - Repair: Point repairs under manufacturer's approved recommendations.
 - Rejection Criteria: The Engineer may reject the work if wrinkles or ridges exceed 10% of pipe diameter.
- Defect: Holes, tears, soft spots, lifts, delamination, blisters/bubbles.
 - o Repair: Point repairs under manufacturer's approved recommendations.
 - Rejection Criteria: If defective areas cover greater than 5% of the surface area the Engineer reserves the right to reject the work.
- Defect: CIPP thickness less than calculated minimum thickness.
 - Repair: If the Engineer determines that the CIPP is acceptable, payment may be reduced by the percentage below the design minimum thickness. In some cases, a second CIPP within the first may be allowed.
 - Rejection Criteria: If the actual thickness is less than 87.5% of the design minimum thickness, the Engineer reserves the right to reject the work.

Additional defects may be identified, and will be handled on a case-by-case basis. Other repair methods may be used, in place of the stated acceptable repair methods if approved by the manufacturer and by the Engineer.

Instructions to Bidders:

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The videos of the sanitary sewer that is planned to be lined with this project are available online at the City's file transfer portal website. This information has been made available to you for bidding purposes. In order to access the videos online, enter the following web address to your Microsoft Internet Explorer address bar:

https://sftp.cityofmadison.com:443/ui/#/syncplify/share?N=L4k3Ag9SjQGpowHTwBXVkm

Copy the video files onto your hard drive, and the videos are yours to watch for bidding. If you have problems, the videos can be made available through a different web platform, or on DVDs, CDs, or portable flash drives upon request. Please contact Eric Cefalu (608-243-5894) if you have trouble downloading files via the file transfer portal website or if you have additional questions.

BID ITEM 90001 GROUNDWATER INFILTRATION CONTROL

DESCRIPTION

Both sanitary sewer mains to be lined on this contract have historically observed extensive groundwater infiltration through holes on the pipes' walls. It is expected that lining the sewer mains will not be possible until groundwater infiltration into the pipes is stopped.

The Contractor shall be responsible for controlling groundwater infiltration into the sewer mains prior to CIPP lining. The Contractor shall be responsible for stopping groundwater using at least one of the following options:

- 1) Chemical Grouting The Contractor shall utilize chemical grout in order to provide a barrier between infiltrating groundwater and CIPP liner. Chemical grouting shall be performed without excavation and through an existing access point. All materials and procedures for chemical grouting shall be in accordance of ASTM F 2304. All joints in the pipe segment shall be tested by applying positive pressure and monitoring test pressure of any test pressure decay, or through visual observation of a leaking joint. If a joint fails testing, it shall be seal using chemical grouting material until considered sealed per ASTM F 2304. CCTV video of testing and grouting of each pipe section shall be submitted to the Engineer before final acceptance and payment of CIPP liner. Testing and grouting of pipe joints shall occur no greater than 48 hours prior to lining of the pipe segment.
- 2) Type II Dewatering The Contractor shall dewater the groundwater-contributing area near the sewer main(s) to be lined using Type II dewatering methods consistent with the City of Madison Standard Specifications (see Article 502.1(c)). CCTV video demonstrating that groundwater infiltration into the main(s) has been stopped shall be submitted to the Engineer before final acceptance and payment of CIPP liner.

Regardless of the groundwater control method chosen, no additional payment shall be made for excavations and the Contractor shall be responsible for costs and liability associated with such excavation and restoration work.

Payment for this item is contingent on the successful implementation of controls to stop groundwater infiltration into the mains to be lined. Payment will not be made if efforts do not result in a pipe that is practically free of groundwater infiltration.

METHOD OF MEASUREMENT

GROUNDWATER INFILTRATION CONTROL shall be measured in units of each existing sewer main where groundwater infiltration controls are successfully implemented (i.e. groundwater infiltration into the mains is stopped).

BASIS OF PAYMENT

GROUNDWATER INFILTRATION CONTROL shall be measured as described above. If chemical grouting is implemented, this shall include furnishing all equipment, tools, labor, material, and all other general requirements incidental work pertaining to the testing and chemical grouting of joints of existing sewer mains and in accordance with article 500 of the Standard Specification and ASTM F 2304. If Type II Dewatering is implemented, this shall include the work described in Article 502.1(c) of the City of Madison Standard Specifications.

SECTION E: BIDDERS ACKNOWLEDGEMENT

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

Bidder must state a Unit Price and Total Bid for each item. The Total Bid for each item must be the product of quantity, by Unit Price. The Grand Total must be the sum of the Total Bids for the various items. In case of multiplication errors or addition errors, the Grand Total with corrected multiplication and/or addition shall determine the Grand Total bid for each contract. The Unit Price and Total Bid must be entered numerically in the spaces provided. All words and numbers shall be written in ink.

- 1. The undersigned having familiarized himself/herself with the Contract documents, including Advertisement for Bids, Instructions to Bidders, Form of Proposal, City of Madison Standard Specifications for Public Works Construction 2024 Edition thereto, Form of Agreement, Form of Bond, and Addenda issued and attached to the plans and specifications on file in the office of the City Engineer, hereby proposes to provide and furnish all the labor, materials, tools, and expendable equipment necessary to perform and complete in a workmanlike manner the specified construction on this project for the City of Madison; all in accordance with the plans and specifications as prepared by the City Engineer, including Addenda Nos. ______ through ______ to the Contract, at the prices for said work as contained in this proposal. (Electronic bids submittals shall acknowledge addendum under Section E and shall not acknowledge here)
- 2. If awarded the Contract, we will initiate action within seven (7) days after notification or in accordance with the date specified in the contract to begin work and will proceed with diligence to bring the project to full completion within the number of work days allowed in the Contract or by the calendar date stated in the Contract.
- 3. The undersigned Bidder or Contractor certifies that he/she is not a party to any contract, combination in form of trust or otherwise, or conspiracy in restraint of trade or commerce or any other violation of the anti-trust laws of the State of Wisconsin or of the United States, with respect to this bid or contract or otherwise.
- 4. I hereby certify that I have met the Bid Bond Requirements as specified in Section 102.5. (IF BID BOND IS USED, IT SHALL BE SUBMITTED ON THE FORMS PROVIDED BY THE CITY. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID).
- 5. I hereby certify that all statements herein are made on behalf of (name of corporation, partnership, or person submitting bid) a corporation organized and existing under the laws of the State of ______

1 0	0	
a partnership consisting of		; an individual trading as
	; of the City of	State

of ______; that I have examined and carefully prepared this Proposal, from the plans and specifications and have checked the same in detail before submitting this Proposal; that I have fully authority to make such statements and submit this Proposal in (its, their) behalf; and that the said statements are true and correct.

SIGNATURE

TITLE, IF ANY

Sworn and subscribed to before me this

_____ day of ______, 20_____.

(Notary Public or other officer authorized to administer oaths) My Commission Expires _____ Bidders shall not add any conditions or qualifying statements to this Proposal.

SECTION F: BEST VALUE CONTRACTING

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

Best Value Contracting

1. The Contractor shall indicate the non-apprenticeable trades used on this contract.

- 2. Madison General Ordinance (M.G.O.), 33.07(7), does provide for some exemptions from the active apprentice requirement. Apprenticeable trades are those trades considered apprenticeable by the State of Wisconsin. Please check applicable box if you are seeking an exemption.
 - Contractor has a total skilled workforce of four or less individuals in all apprenticeable trades combined.
 - No available trade training program; The Contractor has been rejected by the only available trade training program, or there is no trade training program within 90 miles.
 - Contractor is not using an apprentice due to having a journey worker on layoff status, provided the journey worker was employed by the contractor in the past six months.
 - First-time Contractor on City of Madison Public Works contract requests a onetime exemption but intends to comply on all future contracts and is taking steps typical of a "good faith" effort.
 - Contractor has been in business less than one year.
 - Contractor doesn't have enough journeyman trade workers to qualify for a trade training program in that respective trade.
 - An exemption is granted in accordance with a time period of a "Documented Depression" as defined by the State of Wisconsin.
- 3. The Contractor shall indicate on the following section which apprenticeable trades are to be used on this contract. Compliance with active apprenticeship, to the extent required by M.G.O. 33.07(7), shall be satisfied by documentation from an applicable trade training body; an apprenticeship contract with the Wisconsin Department of Workforce Development or a similar agency in another state; or the U.S Department of Labor. This documentation is required prior to the Contractor beginning work on the project site.
 - The Contractor has reviewed the list and shall not use any apprenticeable trades on this project.

LIST APPRENTICABLE TRADES (check all that apply to your work to be performed on this contract)

- BRICKLAYER
- CARPENTER
- CEMENT MASON / CONCRETE FINISHER
- CEMENT MASON (HEAVY HIGHWAY)
- CONSTRUCTION CRAFT LABORER
- DATA COMMUNICATION INSTALLER
- ELECTRICIAN
- ENVIRONMENTAL SYSTEMS TECHNICIAN / HVAC SERVICE TECH/HVAC INSTALL / SERVICE
- GLAZIER
- HEAVY EQUIPMENT OPERATOR / OPERATING ENGINEER
- □ INSULATION WORKER (HEAT & FROST)
- IRON WORKER
- □ IRON WORKER (ASSEMBLER, METAL BLDGS)
- PAINTER & DECORATOR
- DIASTERER
- PLUMBER
- RESIDENTIAL ELECTRICIAN
- □ ROOFER & WATER PROOFER
- SHEET METAL WORKER
- SPRINKLER FITTER
- STEAMFITTER
- STEAMFITTER (REFRIGERATION)
- STEAMFITTER (SERVICE)
- TAPER & FINISHER
- TELECOMMUNICATIONS (VOICE, DATA & VIDEO) INSTALLER-TECHNICIAN
- TILE SETTER

SECTION G: BID BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, THAT Principal and Surety, as identified below, are held and firmly bound unto the City of Madison, (hereinafter referred to as the "Obligee"), in the sum of five per cent (5%) of the amount of the total bid or bids of the Principal herein accepted by the Obligee, for the payment of which the Principal and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that, whereas the Principal has submitted, to the City of Madison a certain bid, including the related alternate, and substitute bids attached hereto and hereby made a part hereof, to enter into a contract in writing for the construction of:

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

- 1. If said bid is rejected by the Obligee, then this obligation shall be void.
- 2. If said bid is accepted by the Obligee and the Principal shall execute and deliver a contract in the form specified by the Obligee (properly completed in accordance with said bid) and shall furnish a bond for his/her faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void.

If said bid is accepted by the Obligee and the Principal shall fail to execute and deliver the contract and the performance and payment bond noted in 2. above executed by this Surety, or other Surety approved by the City of Madison, all within the time specified or any extension thereof, the Principal and Surety agree jointly and severally to forfeit to the Obligee as liquidated damages the sum mentioned above, it being understood that the liability of the Surety for any and all claims hereunder shall in no event exceed the sum of this obligation as stated, and it is further understood that the Principal and Surety reserve the right to recover from the Obligee that portion of the forfeited sum which exceed the actual liquidated damages incurred by the Obligee.

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 an extension of the time within which the Obligee may accept such bid, and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year set forth below.

PRINCIPAL	
Name of Principal	
Ву	Date
Name and Title	
SURETY	
Name of Surety	
Ву	Date
Name and Title	

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Provider No. _______ for the year ______, and appointed as attorney in fact with authority to execute this bid bond and the payment and performance bond referred to above, which power of attorney has not been revoked.

Date

Agent Signature

Address

City, State and Zip Code

Telephone Number

NOTE TO SURETY & PRINCIPAL

The bid submitted which this bond guarantees shall be rejected if the following instrument is not attached to this bond:

Power of Attorney showing that the agent of Surety is currently authorized to execute bonds on behalf of the Surety, and in the amounts referenced above.

Certificate of Biennial Bid Bond

TIME PERIOD - VALID (FROM/TO)	
NAME OF SURETY	
NAME OF CONTRACTOR	
CERTIFICATE HOLDER	
City of Madison, Wisconsin	

This is to certify that a biennial bid bond issued by the above-named Surety is currently on file with the City of Madison.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the biennial bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing Surety will give thirty (30) days written notice to the certificate holder indicated above.

Signature of Authorized Contractor Representative

Date

SECTION H: AGREEMENT

THIS AGREEMENT made this _____ day of _____ in the year Two Thousand and ______ between ______ hereinafter called the Contractor, and the City of Madison, a Wisconsin municipal corporation, hereinafter called the City.

WHEREAS, the Common Council of the City of Madison ("Council") under the provisions of a resolution adopted on ______, and by virtue of authority vested in the Council, has awarded to the Contractor the work of performing certain public construction.

NOW, THEREFORE, the Contractor and the City, for the consideration hereinafter named, agree as follows:

1. **Scope of Work.** The Contractor shall, perform the construction, execution and completion of the following listed complete work or improvement in full compliance with the Plans, Specifications, Standard Specifications, Supplemental Specifications, Special Provisions and Agreement; perform all items of work covered or stipulated in the Proposal; perform all altered or extra work; and shall furnish, unless otherwise provided in the contract, all materials, implements, machinery, equipment, tools, supplies, transportation, and labor necessary to the prosecution and completion of the work or improvements:

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

- 2. **Completion Date/Contract Time.** Construction work must begin within seven (7) calendar days after the date appearing on mailed written notice to do so shall have been sent to the Contractor and shall be carried on at a rate so as to secure full completion <u>SEE SPECIAL PROVISIONS</u>, the rate of progress and the time of completion being essential conditions of this Agreement.
- 3. **Contract Price.** The City shall pay to the Contractor at the times, in the manner and on the conditions set forth in said specifications, the sum of _____(\$____) Dollars being the amount bid by such Contractor and which was awarded as provided by law.
- 4. **A. Non-Discrimination.** During the term of this Agreement, the Contractor agrees not to discriminate against any employee or applicant because of race, religion, marital status, age, color, sex, disability, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs, or student status. The Contractor further agrees not to discriminate against any subcontractor or person who offers to subcontract on this contract because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

B. Affirmative Action. The Contractor agrees that within thirty (30) days after the effective date of this agreement, the Contractor will provide to the City Affirmative Action Division certain workforce utilization statistics, using a form to be furnished by the City.

If the contract is still in effect, or if the City enters into a new agreement with the Contractor, within one year after the date on which the form was required to be provided, the Contractor will provide updated workforce information using a second form, also to be furnished by the City. The second form will be submitted to the City Affirmative Action Division no later than one year after the date on which the first form was required to be provided. The Contractor further agrees that, for at least twelve (12) months after the effective date of this contract, it will notify the City Affirmative Action Division of each of its job openings at facilities in Dane County for which applicants not already employees of the Contractor are to be considered. The notice will include a job description, classification, qualifications and application procedures and deadlines, shall be provided to the City by the opening date of advertisement and with sufficient time for the City to notify candidates and make a timely referral. The Contractor agrees to interview and consider candidates referred by the Affirmative Action Division, or an organization designated by the Division, if the candidate meets the minimum qualification standards established by the Contractor, and if the referral is timely. A referral is timely if it is received by the Contractor on or before the date started in the notice.

Articles of Agreement Article I

The Contractor shall take affirmative action in accordance with the provisions of this contract to insure that applicants are employed, and that employees are treated during employment without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national original and that the employer shall provide harassment free work environment for the realization of the potential of each employee. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship insofar as it is within the control of the Contractor. The Contractor agrees to post in conspicuous places available to employees and applicants notices to be provided by the City setting out the provisions of the nondiscrimination clauses in this contract.

Article II

The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractors state that all qualified or qualifiable applicants will be employed without regard to race, religion, color, age, marital status, disability, sex, sexual orientation, gender identity or national origin.

Article III

The Contractor shall send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding a notice to be provided by the City advising the labor union or worker's representative of the Contractor's equal employment opportunity and affirmative action commitments. Such notices shall be posted in conspicuous places available to employees and applicants for employment.

Article V

The Contractor agrees that it will comply with all provisions of the Affirmative Action Ordinance of the City of Madison, including the contract compliance requirements. The Contractor agrees to submit the model affirmative action plan for public works contractors in a form approved by the Affirmative Action Division Manager.

Article VI

The Contractor will maintain records as required by Section 39.02(9)(f) of the Madison General Ordinances and will provide the City Affirmative Action Division with access to such records and to persons who have relevant and necessary information, as provided in Section 39.02(9)(f). The City agrees to keep all such records confidential, except to the extent that public inspection is required by law.

Article VII

In the event of the Contractor's or subcontractor's failure to comply with the Equal Employment Opportunity and Affirmative Action Provisions of this contract or Section 39.03 and 39.02 of the Madison General Ordinances, it is agreed that the City at its option may do any or all of the following:

- 1. Cancel, terminate or suspend this Contract in whole or in part.
- 2. Declare the Contractor ineligible for further City contracts until the Affirmative Action requirements are met.
- 3. Recover on behalf of the City from the prime Contractor 0.5 percent of the contract award price for each week that such party fails or refuses to comply, in the nature of liquidated damages, but not to exceed a total of five percent (5%) of the contract price, or ten thousand dollars (\$10,000), whichever is less. Under public works contracts, if a subcontractor is in noncompliance, the City may recover liquidated damages from the prime Contractor in the manner described above. The preceding sentence shall not be construed to prohibit a prime Contractor from recovering the amount of such damage from the non-complying subcontractor.

Article VIII

The Contractor shall include the above provisions of this contract in every subcontract so that such provisions will be binding upon each subcontractor. The Contractor shall take such action with respect to any subcontractor as necessary to enforce such provisions, including sanctions provided for noncompliance.

Article IX

The Contractor shall allow the maximum feasible opportunity to small business enterprises to compete for any subcontracts entered into pursuant to this contract. (In federally funded contracts the terms "DBE, MBE and WBE" shall be substituted for the term "small business" in this Article.)

5. **Substance Abuse Prevention Program Required.** Prior to commencing work on the Contract, the Contractor, and any Subcontractor, shall have in place a written program for the prevention of substance abuse among its employees as required under Wis. Stat. Sec. 103.503.

6. **Contractor Hiring Practices.**

Ban the Box - Arrest and Criminal Background Checks. (Sec. 39.08, MGO)

This provision applies to all prime contractors on contracts entered into on or after January 1, 2016, and all subcontractors who are required to meet prequalification requirements under MGO 33.07(7)(I), MGO as of the first time they seek or renew pre-qualification status on or after January 1, 2016. The City will monitor compliance of subcontractors through the pre-qualification process.

a. **Definitions.** For purposes of this section, "Arrest and Conviction Record" includes, but is not limited to, information indicating that a person has been questioned, apprehended, taken into custody or detention, held for investigation, arrested, charged with, indicted or tried for any felony, misdemeanor or other offense pursuant to any law enforcement or military authority.

"Conviction record" includes, but is not limited to, information indicating that a person has been convicted of a felony, misdemeanor or other offense, placed on probation, fined, imprisoned or paroled pursuant to any law enforcement or military authority. "Background Check" means the process of checking an applicant's arrest and conviction record, through any means.

- **b. Requirements.** For the duration of this Contract, the Contractor shall:
 - 1. Remove from all job application forms any questions, check boxes, or other inquiries regarding an applicant's arrest and conviction record, as defined herein.
 - 2. Refrain from asking an applicant in any manner about their arrest or conviction record until after conditional offer of employment is made to the applicant in question.
 - 3. Refrain from conducting a formal or informal background check or making any other inquiry using any privately or publicly available means of obtaining the arrest or conviction record of an applicant until after a conditional offer of employment is made to the applicant in question.
 - 4. Make information about this ordinance available to applicants and existing employees, and post notices in prominent locations at the workplace with information about the ordinance and complaint procedure using language provided by the City.
 - 5. Comply with all other provisions of Sec. 39.08, MGO.
- c. **Exemptions:** This section shall not apply when:
 - 1. Hiring for a position where certain convictions or violations are a bar to employment in that position under applicable law, or
 - 2. Hiring a position for which information about criminal or arrest record, or a background check is required by law to be performed at a time or in a manner that would otherwise be prohibited by this ordinance, including a licensed trade or profession where the licensing authority explicitly authorizes or requires the inquiry in question.

To be exempt, Contractor has the burden of demonstrating that there is an applicable law or regulation that requires the hiring practice in question, if so, the contractor is exempt from all of the requirements of this ordinance for the position(s) in question.

- 7. Choice of Law and Forum Selection. This Contract shall be governed by and construed, interpreted and enforced in accordance with the laws of the State of Wisconsin. The parties agree, for any claim or suit or other dispute relating to this Contract that cannot be mutually resolved, the venue shall be a court of competent jurisdiction within the State of Wisconsin and the parties agree to submit themselves to the jurisdiction of said court, to the exclusion of any other judicial district that may have jurisdiction over such a dispute according to any law.
- 8. Counterparts, Electronic Signature and Delivery. This Contract may be signed in counterparts, each of which shall be taken together as a whole to comprise a single document. Signatures on this Contract may be exchanged between the parties by facsimile, electronic scanned copy (.pdf) or similar technology and shall be as valid as original; and this Contract may be converted into electronic format and signed or given effect with one or more electronic signature(s) if the electronic signature(s) meets all requirements of Wis. Stat. ch. 137 or other applicable Wisconsin or Federal law. Executed copies or counterparts of this Contract may be delivered by facsimile or email and upon receipt will be deemed original and binding upon the parties hereto, whether or not a hard copy is also delivered. Copies of this Contract, fully executed, shall be as valid as an original.

IN WITNESS WHEREOF, the Contractor has hereunto set his/her hand and seal and the City has caused this contract to be executed by its Mayor and City Clerk on the dates written below.

Countersigned:

Witness

Date

President

Company Name

Witness

Date

Secretary

Date

Date

Satya Rhodes-Conway, Mayor	Date	
Maribeth Witzel-Behl, City Clerk	Date	
Provisions have been made to pay the liability that will accrue under this contract.		
David P. Schmiedicke, Finance Director	Date	
Approved as to form:		
Michael Haas, City Attorney	Date	
Execution of this Agreement by City was authorized by Resolution Enactment No. RES, ID No, adopted by the Common Council of the City of Madison on, 20		

SECTION I: PAYMENT AND PERFORMANCE BOND

LET ALL KNOW BY THESE DOCUMENTS PRESENTED, that we ______as principal, and ______Company of ______as surety, are held and firmly bound unto the City of Madison, Wisconsin, in the sum of ______(\$_____) Dollars, lawful money of the United States, for the payment of which sum to the City of Madison, we hereby bind ourselves and our respective executors and administrators firmly by these presents.

The condition of this Bond is such that if the above bounden shall on his/her part fully and faithfully perform all of the terms of the Contract entered into between him/herself and the City of Madison for the construction of:

CIPP LINING REHABILITATION - BLAIR STREET SANITARY SEWER SIPHON & CIPP LINING REHABILITATION - NORTH MILLS STREET SANITARY SEWER SIPHON CONTRACT NO. 9536

in Madison, Wisconsin, and shall pay all claims for labor performed and material furnished in the prosecution of said work, and save the City harmless from all claims for damages because of negligence in the prosecution of said work, and shall save harmless the said City from all claims for compensation (under Chapter 102, Wisconsin Statutes) of employees and employees of subcontractor, then this Bond is to be void, otherwise of full force, virtue and effect.

Signed and sealed this	day of
Countersigned:	
	Company Name (Principal)
Witness	President Seal
Secretary	
	Surety Seal
	By Attorney-in-Fact
This certifies that I have been duly licensed	d as an agent for the above company in Wisconsin under

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under National Producer Number _______ for the year ______, and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

Date

Agent Signature

The foregoing Bond has been approved as to form:

Date

City Attorney