



**BID PROPOSAL
(GENERAL CONSTRUCTION)**

**Gig East Wall Repairs
127 Goldsboro Street South
For
CITY OF WILSON, NORTH CAROLINA**

OPENING DATE: JUNE 7, 2022 @ 10:00 AM

DOCUMENTS PREPARED BY:



BARTLETT
ENGINEERING & SURVEYING, PC

1906 NASH STREET, N
WILSON, NORTH CAROLINA, 27893

CITY OF WILSON



NORTH CAROLINA

PURCHASE ORDER CONTRACT PROPOSAL

Location: 127 Goldsboro Street South

Type of Work: The purposed of the project is to repair the masonry walls on the right side (southwest) and rear (southeast) if the building to provide waterproof, structurally sound, and aesthetically improved walls. The work includes, but not limited to, removal & re-pointing of deteriorated mortar as needed, removal and replacement of deteriorated caulk as needed, repair and/or replacement of loose or missing masonry as needed.

RETURN BIDS TO: BARTLETT ENGINEERING & SURVEYING, PC
1906 NASH STREET N.
WILSON, NORTH CAROLINA 27893
ATTN: ROBERT BARTLETT, PE

OPENING DATE: JUNE 7, 2022 @ 10:00 AM

NAME OF BIDDER N.C. CONTRACTOR'S LICENSE NUMBER

CONTACT NAME PHONE EMAIL ADDRESS

ADDRESS OF BIDDER

Please note that this Bid Proposal in no way implies a commitment of funds or to a purchase.

All qualified Proposals will be evaluated, and an award will be made to the firm(s) whose Proposal is deemed to be in the best interest of the City of Wilson, all factors considered. The City of Wilson reserves the unqualified right to reject any or all offers if determined in its best interest.

SCOPE OF CONTRACT

The purpose of the project is to repair the masonry walls on the right side (southwest) and rear (southeast) of the building to provide waterproof, structurally sound, and aesthetically improved walls. The work includes, but not limited to, removal & re-pointing of deteriorated mortar as needed, removal and replacement of deteriorated caulk as needed, repair and/or replacement of loose or missing masonry as needed.

The City of Wilson will provide any brick needed for the project, otherwise, the contractor shall provide all materials, labor, and equipment to complete the project.

COMPLETION OF BID PACKAGE

Only bid packages that are submitted using the Purchase Order Contract Proposal with the bid form provided by the City of Wilson still attached will be considered for this project. The bid shall not contain any unauthorized additions, deletions, or conditional bids.

CONTRACT TIME AND LIQUIDATED DAMAGES

The date of availability for this contract is anticipated to be on or before July 1, 2022.

The completion time for this contract is 180-days from Notice to Proceed.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

Liquidated damages for this contract are **Two Hundred Dollars (\$200.00)** per calendar day.

PRE-BID SITE VISIT AND CLARIFICATIONS

Interested bidders may visit the site at any time to evaluate the existing conditions.

Request for information during the bid process shall be directed to robert@bartletteng.com prior to June 2, 2022 at 10:00 AM.

SUPERVISION BY CONTRACTOR

At all times during the life of the project the Contractor shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project and who shall be personally available at the work site at all times work is in progress. Said employee shall be fully authorized to conduct all business with the subcontractors, to negotiate and execute all supplemental agreements, and to execute the orders or directions of the Engineer.

At all times that work is actually being performed, the Contractor shall have present on the project one competent individual who is authorized to act in a supervisory capacity over all work on the project, including work subcontracted. The individual who has been so authorized shall be experienced in the type of work being performed and shall be fully capable of managing, directing, and coordinating the work; of reading and thoroughly understanding the contract; and receiving and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor unless otherwise approved by the Engineer.

The Contractor may, at his option, designate one employee to meet the requirements of both positions. However, whenever the designated employee is absent from the work site, an authorized individual qualified to act in a supervisory capacity on the project shall be present.

TERMS AND CONDITIONS

- a. **DEFAULT AND PERFORMANCE BOND:** In case of default by the contractor, the City of Wilson may procure the articles or services from other sources and hold the contractor responsible for any excess cost occasioned thereby. The City of Wilson reserves the right to require performance bond or other acceptable alternative guarantees from successful bidder without expense to the City of Wilson.
- b. **GOVERNMENTAL RESTRICTIONS:** In the event any Governmental restrictions are imposed which necessitate alteration of the material, quality, workmanship or performance of the items prior to delivery, it shall be the responsibility of the contractor to notify, in writing, the issuing purchasing office at once, indicating the specific regulation, which required such alterations. The City of Wilson reserves the right to accept any such alterations, including any price adjustments occasioned thereby, or to cancel the contract.
- c. **AVAILABILITY OF FUNDS:** Any and all payments to the contractor are dependent upon and subject to the availability of funds set forth in this agreement. This agreement has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.
- d. **TAXES:** Any applicable taxes shall be invoiced as a separate item. The City is not exempt from local or North Carolina sales tax.

- e. **SITUS:** The place of this contract, its situs and forum, shall be North Carolina, where all matters, whether sounding in contract or tort, relating to its validity, construction, interpretation and enforcement shall be determined.
- f. **GOVERNING LAWS:** This contract is made under and shall be governed and construed in accordance with the laws of the State of North Carolina.
- g. **INSPECTION AT CONTRACTOR'S SITE:** The City of Wilson reserves the right to inspect, at a reasonable time, the equipment/item, plant or other facilities of a prospective contractor prior to contract award, and during the contract term as necessary for the City of Wilson's determination that such equipment/item, plant or other facilities conform with the specifications/requirements and are adequate and suitable for the proper and effective performance of the contract.
- h. **PAYMENT TERMS:** Payment applications may be submitted by the Contractor on a monthly basis and will be based upon progress estimates as determined by the City Representative. No payment application will be made when the total value of work performed since the last application, excluding mobilization, amounts to less than \$5,000.00. Payment applications will be approximate only and will be subject to correction in the final estimate and payment.

Work indicated on the bid sheet has been determined by visual observation. Exact quantities shall be verified in the field. Payment will only be approved based on work completed.

An amount equal to five percent (5%) of the total amount due on an invoice will be deducted and retained until the City Representative has determined that the Contractor has satisfactorily completed the contract work.

- i. **AFFIRMATIVE ACTION:** The contractor will take affirmative action in complying with all Federal and State requirements concerning fair employment and employment of the handicapped and concerning the treatment of all employees without regard to discrimination by reason of race, color, religion, sex, national origin or physical handicap.
- j. **CONDITION AND PACKAGING:** Unless otherwise provided by special terms and conditions or specifications, it is understood and agreed that any item offered or shipped has not been sold or used for any purpose and shall be in first class condition. All containers/packaging shall be suitable for handling, storage or shipment.
- k. **PATENT:** The contractor shall hold and save the City of Wilson, its officers, agents and employees, harmless from liability of any kind, including costs and expenses, on account of any copyrighted material, patented or unpatented invention, articles, device or appliance manufactured or used in the performance of this contract, including use by the government.

- l. **ADVERTISING:** Contractor agrees not to use the existence of this contract, the name of the City of Wilson as part of any commercial advertisement.
- m. **ACCESS TO PERSONS AND RECORDS:** An independent auditor shall have access to persons and records as a result of all contracts or grants entered into by the City of Wilson in accordance with General Statute 147-64.7.
- n. **ASSIGNMENT:** No assignment of the contractor's obligations nor the contractor's right to receive payment hereunder shall be permitted. However, upon written request approved by the issuing purchasing authority and solely as a convenience to the contractor, the City of Wilson may:
 - i. Forward the contractor's payment check directly to any person or entity designated by the contractor, and
 - ii. Include any person or entity designated by contractor as a joint payee on the contractor's payment check.
In no event shall such approval and action obligate the City of Wilson to anyone other than the contractor and the contractor shall remain responsible for fulfillment of all contract obligations.
- o. **INSURANCE:**

COVERAGE- During the term of the contract, the contractor at its sole cost and expense shall provide commercial insurance of such type and with such terms and limits as may be reasonably associated with the contract. As a minimum, the contractor shall provide and maintain the following coverage and limits:

- i. **Worker's Compensation-** The contractor shall provide and maintain Worker's Compensation Insurance, as required by the laws of North Carolina, as well as employer's liability coverage with minimum limits of \$150,000.00, covering all of contractor's employees who are engaged in any work under the contract. If any work is sublet, the contractor shall require the subcontractor to provide the same coverage for any for any of his employees engaged in any work under the contract.
- ii. **Commercial General Liability- General Liability Coverage** on a Comprehensive Broad Form on an occurrence basis in the minimum amount of \$500,000.00 Combined Single Limit. (Defense cost shall be in excess of the limit of the liability.)
- iii. **Automobile-Automobile Liability Insurance,** to include liability coverage, covering all owned, hired, and non-owned vehicles, used in connection with the contract. The minimum combined single limit shall be \$150,000.00 uninsured/under insured motorist; and \$1,000.00 medical payment.

REQUIREMENTS- Providing and maintaining adequate insurance coverage is a material obligation of the contractor and is of the essence of this contract. All such insurance shall meet all laws of the State of North Carolina. Such insurance coverage shall be obtained from companies that are authorized to provide such coverage and that are authorized by the Commissioner of Insurance to do business in North Carolina. The contractor shall at all times comply with terms of such insurance policies, and all requirements of the insurer under any such insurance policies, except as they may conflict with existing North Carolina laws or this contract. The limits of coverage under each insurance policy maintained by the contractor shall not be interpreted as limiting the contractor's liability and obligations under the contract.

- p. **CANCELLATION (TERM CONTRACTS ONLY):** All contract obligations shall prevail for at least 180 days after the effective date of the contract. After that period, in addition to the provisions of the paragraph entitled Price Adjustments, for the protection of both parties, this contract may be canceled in whole or in part by either party giving 30 days prior notice in writing to the other party. Such notice of cancellation, as required herein, shall be transmitted via U.S. MAIL, Certified, and Return Receipt Requested. The 30 days notice for cancellation shall begin on the day the return receipt is signed and dated.
- q. **QUANTITIES (TERM CONTRACT ONLY):** The award of a term contract neither implies nor guarantees any minimum or maximum purchases thereunder.
- r. **PRICE ADJUSTMENTS (TERM CONTRACT ONLY):** Any price changes, downward or upward, which might be permitted during the contract period must be general, either by reason of market change or on the part of the contractor to other customers.
 - i. **Notification:** Must be given to the Purchasing Department, in writing, concerning any proposed price adjustments. Such notification shall be accompanied by copy of manufacturer's official notice or other acceptable evidence that the change is general in nature.
 - ii. **Decreases:** The City of Wilson shall receive full proportionate benefit immediately at any time during the contract period.
 - iii. **Increases:** All prices shall be firm against increase for 180 days from the effective date of the contract. After this period, a request for increase may be submitted with the City of Wilson reserving the right to reject the increase or cancel the contract. Such action by the City of Wilson shall occur not later than 15 days after the receipt by the City of Wilson of a properly documented request for price increase. Any increases accepted shall become effective not later than 30 days after the expiration of the original 15 days reserved to evaluate the request for increase.

- iv. Invoices: It is understood and agreed that orders will be shipped at the established contract prices in effect on dates orders are placed. Invoicing at variance with this provision will subject the contract to cancellation. Applicable North Carolina sales tax shall be invoiced as a separate item.

- s. TWELVE MONTH GUARANTEE:
 - i. The contractor shall guarantee materials and workmanship against latent and patent defects arising from faulty materials, faulty workmanship or negligence for a period of twelve months following the date of final acceptance of the work for maintenance and shall replace such defective materials and workmanship without cost to the City. The Contractor will not be responsible for damage due to faulty design, normal wear and tear, for negligence on the part of the City, and/or for use in excess of the design.
 - ii. Where items of equipment or material carry a manufacturer's guarantee for any period in excess of twelve months, then the manufacturer's guarantee shall apply for that particular piece of equipment or material. The city's first remedy shall be through the manufacturer although the Contractor is responsible for invoking the warranted repair work with the manufacturer. The Contractor's responsibility shall be limited to the term of the manufacturer's guarantee. The City would be afforded the same warranty as provided by the Manufacturer.
 - iii. The 5% retainage may be held up to, but not in excess of, this twelve-month period.

INSTRUCTIONS TO BIDDER

- a. Bids must be valid for a minimum of ninety (90) days from date of submitting bid.
- b. All equipment, materials or apparatus furnished under these specifications shall be new (unless otherwise specified) and free from all defects and shall operate and function properly after delivery to the City. Each bidder shall submit with his/her proposal the manufacturer's specifications, illustrations and descriptive literature on the equipment, materials or apparatus not yet in production or out of production for more than thirty (30) days.
- c. Do not submit alternates unless requested to do so. If alternate bids are requested, the envelope(s) must be clearly marked "primary bid" and "alternate bid"
- d. Every part and accessory of a standard unit shall automatically be included and become a part of these minimum specifications.

- e. References to brand or trade names are normally included to more accurately describe the requirements of the City of Wilson when it is impossible or impractical to specify the required performance and design characteristics for such materials. They are used only to set forth and convey to bidders the general style, type, character, and quality of product desired. Alternate materials, items, or equipment of equal or equivalent design shall be submitted to the City Engineer or other responsible party for approval or disapproval prior to the opening of the bids.
- f. By signing the bid proposal, the Bidder proclaims that the proposal is made without any understanding, agreement or connection with any other person, firm or corporation offering a proposal for the same purpose and that his/her proposal is in all respects fair and without collusion or fraud.
- g. All bids and proposals for furnishing equipment, materials or apparatus in accordance with the specifications prescribed by the City of Wilson will continue to be on file in the office of the Purchasing Manager at the Operation Center, 1800 Herring Ave., Wilson, North Carolina and are available for inspection during regular working hours.
- h. Bond Requirements:
 - I. Bid Bond: (WAIVED FOR BIDS BELOW \$500,000)

NORTH CAROLINA STATE LAW (G.S. 143-129) REQUIRES THAT ALL BIDS BE ACCOMPANIED BY A BID DEPOSIT. (Please note carefully)

No proposal shall be considered or accepted unless at the time of its filing the same shall be accompanied by a deposit in cash, cashier's check or certified check on same bank or trust company insured by the Federal Deposit Insurance Corporation in an amount of not less than five percent (5%) of the proposal. In lieu of making a cash deposit, bidders may file a bid bond duly executed by a cooperate surety licensed under the laws of North Carolina to execute such bonds.

This deposit may be retained by the City of Wilson if the successful bidder fails to execute the bid obligation or fails to give satisfactory surety as required herein.

Money orders, uncertified checks, etc., are not acceptable as bid deposits.

Unsigned bids and bids with incorrect bid deposits cannot be considered.

Bid deposits of unsuccessful bidders will be returned as soon as the contract is awarded.

II. Performance Bond:

Once the contract has been awarded, the successful bidder must furnish a Performance Bond. The performance bond must be in full amount (100%) of the contract and guarantee the faithful performance of the contract in

the form prescribed by the City. The bond shall be executed by a surety company authorized to do business in North Carolina. In lieu of the bond, cash, government securities or a certified check in the full amount of the contract (100%) may be deposited. Such deposit shall be filed within 30 days from date of awarding contract.

It shall be the responsibility of the bidder to cover the cost of the performance bond, in his bid. The City will not pay an additional amount at a later date for the bond.

The City Council may waive the requirement for a performance bond once bids are received. In this event, the bidder must deduct the cost of the performance bond from the original bid figure.

The bidder should assume that a performance bond will be required unless otherwise indicated in the instructions to bidders.

i. Award of Bid:

1. Bids shall be awarded to the lowest responsible bidder, taking into consideration adherence to specifications, quality, performance, the time of delivery, technical support, past performance and other relevant factors.
2. All bids of \$90,000 or more for equipment and supplies and \$500,000 or more for construction/repairs require City Council approval. The Council normally meets officially at 7:00 P.M., on the third Thursday of the month. Bidders may attend any of the sessions.
3. The City of Wilson reserves the right to evaluate bids, to reject any and all bids and proposals, to waive informalities and technicalities within the scope of authority, and further specifically, the City reserves the right to make the award in the best interest of the City of Wilson.
4. It is City policy to furnish a bid tabulation to all bidders upon notification of award or upon returning bid deposits. All bidders are welcome to attend the bid opening which will be conducted at Bartlett Engineering & Surveying, PC, 1906 Nash St. N., Wilson, North Carolina. Bid tabulations will be available after all technical reviews have been completed.

j. Taxes:

Do not include sales or federal excise tax in figures. The City pays all applicable sales tax, however, and should be invoiced accordingly. The City is exempt from Federal Excise tax and will issue a Federal Exemption certificate upon request

k. Escalation Clauses:

Bids containing escalation clauses may be considered. However, there must be a maximum figure for escalation shown, or a method of computing the total cost over a specific time period provided.

l. Prices:

All prices must be quoted F.O.B. City of Wilson Warehouse 1800 Herring Ave., Wilson, North Carolina.

m. Payment:

Provision for the payment of the monies to fall due under this agreement has been made by appropriations duly made or required by the Local Government Finance Act.

Payment will be made according to vendor's terms stated on invoices following receipt of goods.

n. Altering Contracts:

No such contract shall be altered except by written agreement (change order) of the contractor, the sureties on his bond and the City Council body of the City of Wilson.

o. Non-Discrimination Clause:

It is specifically agreed as part of the consideration of the signing of this contract, that the parties hereto, their agents, officials, employees, or servants will not discriminate in any manner on the basis of race, color, creed, religion, national origin, or gender with reference to the subject matter of this contract.

Enforcement of this provision, as set out in said ordinances, shall be action for specific performance, injunctive relief, or other remedy as provided by law. This provision shall be binding on the successors and assign, of the parties hereto with reference to the subject matter of this contract.

The City of Wilson is in compliance with Title VII of the Civil Rights Act of 1964m as amended, and section 122(A) of the State and Local Fiscal Assistance Act of 1972, and hereby issued the declaration that bid award is contingent upon bidder's compliance with aforementioned statutes.

p. N.C. General Statute 143-129 governs purchasing in the state. Bids are awarded according to its provisions.

q. The General Statutes of the State of North Carolina, the Charter of the City of Wilson, and City Ordinances, insofar as they apply to purchasing and competitive bidding, are made a part hereof.

r. All bids, except those for supplies or materials, shall be accompanied by a

certificate showing possession by bidder of Workman's Compensation for their employees.

PRECONSTRUCTION CONFERENCE

Immediately after receipt of notice of award, the City's Representative and the Contractor will establish a mutually agreeable date on which a preconstruction conference will be held. The Contractor's superintendent and other individuals representing the Contractor who are knowledgeable of the Contractor's proposed progress schedule or who will be in responsible charge of major items of work shall attend the preconstruction conference.

NOTIFICATION OF OPERATIONS

The Contractor shall notify the City Representative 48 hours in advance of beginning work on this project. The Contractor shall give the City Representative sufficient notice of all operations for any inspection or testing that may be required.

SAFETY EQUIPMENT

All Contractors' personnel, all subcontractors and their personnel, and any material suppliers and their personnel must adhere to all OSHA safety regulations, including wearing an OSHA approved reflective vest or outer garment at all times while on the project.

MISCELLANEOUS

All work shall be completed in accordance with the latest edition of the North Carolina State Building Code and local standards & specifications.

Any work performed in an unsatisfactory manner could be basis for nonpayment.

Any damage caused by the Contractor shall be repaired or replaced by the Contractor to the satisfaction of the City's Representative at no cost to the City of Wilson.

In addition, the workmanship/appearance shall be completed to the satisfaction of the City's Representative.

DESCRIPTION OF WORK:

The purposed of the project is to repair the masonry walls on the right side (southwest) and rear southeast) if the building to provide waterproof, structurally sound, and aesthetically improved walls. The work includes, but not limited to, removal & re-pointing of deteriorated mortar as needed, removal and replacement of deteriorated caulk as needed, repair and/or replacement of loose or missing masonry as needed. The City of Wilson will provide any brick needed for the project, otherwise, the contractor shall provide all materials, labor, and equipment to complete the project.

APPENDIX “A”

DETAILED SPECIFICATIONS:

SECTION 040122 - MASONRY REPOINTING

GENERAL

1.1 RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

SUMMARY

Section Includes:

Repointing of all exterior masonry joints.
Removal of joint sealant in all exterior masonry joints.

REFERENCES

American Society for Testing and Materials

ASTM C136 – Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
ASTM C141 – Standard Specification for Hydraulic Lime for Structural Purposes.
ASTM C144 – Standard Specification – Aggregate for Masonry Mortar.
ASTM E2260 – Standard Guide for Repointing Historic Masonry.

PREINSTALLATION MEETINGS

Preinstallation Conference: Conduct conference at Project site.

ACTION SUBMITTALS

Product Data: For each type of product.

Natural Hydraulic Lime: Product Data Sheets.
Aggregate: Sieve Analysis

Samples: For each type and color of the following:

Submit one 8 oz. sample of aggregate.
Submit 4” x 4” x 1” dried mortar sample of pigmented and colored-aggregate mortar.

QUALITY ASSURANCE

Perform Work in accordance with Manufacturer's Instructions.

Mockups: Prepare mockups of masonry repointing to demonstrate aesthetic effects and to set quality standards for materials and execution.

Repointing: Rake out joints in an area, approximately 24 inches high by 48 inches wide, unless otherwise indicated, and repoint the areas.

Operations shall be performed by craftsperson who is familiar with historic lime mortar formulations, curing conditions and performance characteristics. Contractor shall provide proof of such knowledge.

Approvals

Approved samples and mock-ups shall remain as part of a permanent work.
Obtain approval of raking out and surface preparation before finishing joints

DELIVERY, STORAGE, AND HANDLING

Deliver materials to site and store in manufacturer's original unopened containers and packaging.

Protect restoration materials during storage and construction from adverse conditions.

PROJECT CONDITIONS

Do not perform any masonry application unless air temperatures are between 40- and 85-degrees Fahrenheit and will remain so for at least 48 hours after completion of work or provide proper protection.

Provide sun, wind, and rain protection.

PRODUCTS

MORTAR AND GROUT MATERIALS

Portland Cement: ASTM C 150/C I 50M, Type I or Type II, except Type III may be used for cold-weather construction; white or gray, or both where required for color matching of mortar.

Provide cement containing not more than 0.60 percent total alkali when tested according to ASTM C 114.

Hydrated Lime: ASTM C 207, Type N.

Masonry Cement: ASTM C 91/C 91M.

Mortar Cement: ASTM C 1329/C 1329M.

Mortar Sand: ASTM C 144.

Match size, texture, and gradation of existing mortar sand as closely as possible. Blend several sands if necessary to achieve suitable match.

Color: Provide natural sand or ground marble, granite, or other sound stone of color necessary to produce required mortar color.

Mortar Pigments: ASTM C 979/C 979M, compounded for use in mortar mixes: and having a record of satisfactory performance in masonry mortars.

Water: Potable.

MORTAR MIXES

Measurement and Mixing: Measure cementitious materials and sand in a dry condition by volume or equivalent weight. Do not measure by shovel; use known measure. Mix materials in a clean, mechanical batch mixer.

Mixing Pointing Mortar: Thoroughly mix cementitious materials and sand together before adding any water. Then mix again, adding only enough water to produce a damp, unworkable mix that retains its form when pressed into a ball. Maintain mortar in this dampened condition for 15 to 30 minutes. Add remaining water in small portions until mortar reaches desired consistency. Use mortar within one hour of final mixing; do not retemper or use partially hardened material.

Colored Mortar: Produce mortar of color required by using specified ingredients. Do not alter specified proportions without Professional's approval.

Mortar Pigments: Where mortar pigments are indicated, do not add pigment exceeding 10 percent by weight of the cementitious or binder materials, except for carbon black which is limited to 2 percent.

Do not use admixtures in mortar unless otherwise indicated.

Mixes: Mix mortar materials in the following proportions:

Pointing Mortar by Volume: ASTM C 270, Proportion Specification, 1 part Portland cement, 1 part lime, and 6 parts sand. Add mortar pigments to produce mortar colors required.

ACCESSORIES

Anchors: Type and size indicated, fabricated from Type 304 stainless steel complying with ASTM A 240/A 240M, ASTM A 276, or ASTM A 666.

EXECUTION

PROTECTION

Remove gutters and downspouts and associated hardware adjacent to masonry and store during masonry repointing. Reinstall when repointing is complete.

Provide temporary rain drainage during work to direct water away from building.

REPOINTING MASONRY

Rake out and repoint joints to the following extent:

All joints in areas indicated.

Joints at locations of the following defects:

Holes and missing mortar.

Cracks that can be penetrated 1/4 inch or more by a knife blade 0.027 inch thick.

Cracks 1/16 inch or more in width and of any depth.

Hollow-sounding joints when tapped by metal object.

Eroded surfaces 1/4 inch or more deep.

Deterioration to point that mortar can be easily removed by hand, without tools.

Joints filled with substances other than mortar.

Do not rake out and repoint joints where not required.

Rake out joints as follows, according to procedures demonstrated in approved mockup:

Remove mortar from joints to depth of 2-1/2 times joint width, but not less than 3/4 inch or not less than that required to expose sound, unweathered mortar. Do not remove unsound mortar more than 2 inches deep: consult Professional for direction.

Remove mortar from masonry surfaces within raked-out joints to provide reveals with square backs and to expose masonry for contact with pointing mortar. Brush, vacuum, or flush joints to remove dirt and loose debris.

Do not spall edges of masonry units or widen joints. Replace or patch damaged masonry units as directed by Professional.

Notify Professional of unforeseen detrimental conditions including voids in mortar joints, cracks, loose masonry units, rotted wood, rusted metal, and other deteriorated items.

Pointing with Mortar:

Rinse joint surfaces with water to remove dust and mortar particles. Time rinsing application so, at time of pointing, joint surfaces are damp but free of standing water. If rinse water dries, dampen joint surfaces before pointing.

Apply pointing mortar first to areas where existing mortar was removed to depths greater than surrounding areas. Apply in layers not greater than 3/8 inch until a uniform depth is formed. Fully compact each layer, and allow it to become thumbprint hard before applying next layer.

After deep areas have been filled to same depth as remaining joints, point joints by placing mortar in layers not greater than 3/8 inch Fully compact each layer and allow to become thumbprint hard before applying next layer. Where existing masonry units have worn or rounded edges, slightly recess finished mortar surface below face of masonry to avoid widened joint faces. Take care not to spread mortar beyond joint edges onto exposed masonry surfaces or to featheredge the mortar.

When mortar is thumbprint hard, tool joints to match original appearance of joints as demonstrated in approved mockup. Remove excess mortar from edge of joint by brushing.

Cure mortar by maintaining in thoroughly damp condition for at least 72 consecutive hours, including weekends and holidays.

Hairline cracking within mortar or mortar separation at edge of a joint is unacceptable. Completely remove such mortar and repoint.

Where repointing work precedes cleaning of existing masonry, allow mortar to harden at least 30 days before beginning cleaning work.

FINAL CLEANING

After mortar has fully hardened, thoroughly clean exposed masonry surfaces of excess mortar and foreign matter; use wood scrapers, stiff-nylon or -fiber brushes, and clean water, applied by low pressure spray.

Do not use metal scrapers or brushes.
Do not use acidic or alkaline cleaners.

SECTION 079200 - JOINT SEALANTS

GENERAL

SUMMARY

Section Includes:

Silicone joint sealants.

PREINSTALLATION MEETINGS

Preinstallation Conference: Conduct conference at Project site.

ACTION SUBMITTALS

Product Data: For each joint-sealant product.

Samples: For each kind and color of joint sealant required.

Joint-Sealant Schedule: Include the following information:

Joint-sealant application, joint location, and designation.
Joint-sealant manufacturer and product name.
Joint-sealant formulation.
Joint-sealant color.

INFORMATIONAL SUBMITTALS

Product test reports.
Preconstruction laboratory test reports.
Preconstruction field-adhesion-test reports.
Field-adhesion-test reports.
Sample warranties.

QUALITY ASSURANCE

Testing Agency Qualifications: Qualified according to ASTM C 1021 to conduct the testing indicated.

PRECONSTRUCTION TESTING

Preconstruction Laboratory Testing: Submit to joint-sealant manufacturers, for testing indicated below, samples of materials that will contact or affect joint sealants.

Adhesion Testing: Use ASTM C 794 to determine whether priming and other specific joint preparation techniques are required to obtain rapid, optimum adhesion of joint sealants to joint substrates.

Compatibility Testing: Use ASTM C 1087 to determine sealant compatibility when in contact with glazing and gasket materials.

Stain Testing: Use ASTM C 1248 to determine stain potential of sealant when in contact with masonry substrates.

Preconstruction Field-Adhesion Testing: Before installing sealants, field test their adhesion to Project joint substrates. Test joint sealants according to Method A, Field-Applied Sealant Joint Hand Pull Tab, in Appendix X1.1 in ASTM C 1193 or Method A, Tail Procedure, in ASTM C 1521.

WARRANTY

Special Installer's Warranty: Installer agrees to repair or replace joint sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.

Warranty Period: Two years from date of Substantial Completion.

Special Manufacturer's Warranty: Manufacturer agrees to furnish joint sealants to repair or replace those joint sealants that do not comply with performance and other requirements specified in this Section within specified warranty period.

Warranty Period: Five years from date of Substantial Completion.

PRODUCTS

JOINT SEALANTS, GENERAL

Colors of Exposed Joint Sealants: Match existing building joint sealant.

SILICONE JOINT SEALANTS

Silicone, S, NS, 100/50, NT: Single-component, nonsag, plus 100 percent and minus 50 percent movement capability, nontraffic-use, neutral-curing silicone joint sealant; ASTM C 920, Type S, Grade NS, Class 100/50, Use NT.

Silicone, S, NS, 50, NT: Single-component, nonsag, plus 50 percent and minus 50 percent movement capability, nontraffic-use, neutral-curing silicone joint sealant; ASTM C 920, Type S, Grade NS, Class 50, Use NT.

JOINT-SEALANT BACKING

Cylindrical Sealant Backings: ASTM C 1330, Type C (closed-cell material with a surface skin), Type O (open-cell material) or any of the preceding types, as approved in writing by joint-sealant manufacturer for joint application indicated, and of size and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

Bond-Breaker Tape: Polyethylene tape or other plastic tape recommended by sealant manufacturer.

MISCELLANEOUS MATERIALS

Primer: Material recommended by joint-sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint-sealant-substrate tests and field tests.

Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials.

Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

EXECUTION

PREPARATION

Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint-sealant manufacturer's written instructions and the following requirements:

Remove laitance and form-release agents from concrete.

Clean nonporous joint substrate surfaces with chemical cleaners or other means that do not stain, harm substrates, or leave residues capable of interfering with adhesion.

Joint Priming: Prime joint substrates where recommended by joint-sealant manufacturer or as indicated by preconstruction joint-sealant-substrate tests or prior experience.

Masking Tape: Use masking tape where required to prevent contact of sealant or primer with adjoining surfaces.

INSTALLATION OF JOINT SEALANTS

General: Comply with ASTM C 1193 and joint-sealant manufacturer's written installation instructions for products and applications indicated, unless more stringent requirements apply.

Install sealant backings of kind indicated to support sealants during application and at position required to produce cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.

Install bond-breaker tape behind sealants where sealant backings are not used between sealants and backs of joints.

Install sealants using proven techniques that comply with the following and at the same time backings are installed:

Place sealants so they directly contact and fully wet joint substrates.

Completely fill recesses in each joint configuration.

Produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.

Tooling of Nonsag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated. Use tooling agents that are approved in writing by sealant manufacturer and that do not discolor sealants or adjacent surfaces.

Provide concave joint profile per Figure 8A in ASTM C 1193 unless otherwise indicated.

FIELD QUALITY CONTROL

Field-Adhesion Testing: Field test joint-sealant adhesion to joint substrates as follows:

Extent of Testing: Test completed and cured sealant joints as follows:

Perform one test for each 1000 feet of joint length thereafter or one test per each floor per elevation.

Test Method: Test joint sealants according to Method A, Field-Applied Sealant Joint Hand Pull Tab, in Appendix X1 in ASTM C 1193 or Method A, Tail Procedure, in ASTM C 1521.

Evaluation of Field-Adhesion-Test Results: Sealants not evidencing adhesive failure from testing or noncompliance with other indicated requirements will be considered satisfactory. Remove sealants that fail to adhere to joint substrates during testing or to comply with other requirements. Retest failed applications until test results prove sealants comply with indicated requirements.

JOINT-SEALANT SCHEDULE

Joint-Sealant Application: Exterior joints in vertical surfaces and horizontal nontraffic surfaces.

Joint Locations:

- Control and expansion joints in unit masonry.
- Joints in dimension stone cladding.
- Other joints as indicated on Drawings.

Joint Sealant: Silicone, non-staining, S, NS, 50, NT.

Joint-Sealant Color: Match existing building joint sealants.

BID PROPOSAL FORM

Contractor agrees to provide labor and materials in accordance with this bid proposal document, any addendums, along with the detailed specifications contained herein in Appendix A, and applicable building codes.

Base Bid _____ Dollars (\$_____).

The Bidder further proposes and agrees hereby to commence work under his Contract on a date to be specified in a written order of City of Wilson and shall fully complete all work there under within 180 consecutive calendar days from and including said date. Applicable liquidated damages shall be as stated in Supplementary General Conditions.

The undersigned acknowledges receipt of the following addenda issued during the time of bidding and includes the changes therein in this Proposal:

Addendum Number _____, Dated _____

Addendum Number _____, Dated _____

Addendum Number _____, Dated _____

Addendum Number _____, Dated _____

ONLY BIDS SUBMITTED ON THIS FORM WILL BE CONSIDERED BY THE CITY OF WILSON.

CONTRACTOR: _____

LICENSE #: _____

ADDRESS: _____

PHONE: _____

EMAIL ADDRESS: _____

SIGNATURE: _____

TITLE: _____

OPENING DATE: JUNE 7, 2022 @ 10:00 AM

All qualified Proposals will be evaluated, and an award will be made to the Contractor(s) whose Proposal is deemed to be in the best interest of the City of Wilson, all factors considered. The City of Wilson reserves the unqualified right to reject any or all offers if determined in its best interest.

Please note that this Bid Proposal in no way implies a commitment of funds or to a purchase.

AGREEMENT BETWEEN CONTRACTOR AND OWNER

The foregoing contract documents, and this Agreement represents the entire “Agreement Between Contractor and Owner”.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement in three copies. One counterpart each has been delivered to Owner, Contractor and Consulting Engineer.

This agreement has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

OWNER: *City of Wilson, NC* _____

CONTRACTOR: _____

BY: _____

BY: _____

TITLE: _____

TITLE: _____

NORTH CAROLINA
COUNTY OF _____

AFFIDAVIT

1. I am over the age of 18 years old and of sound and competent mind.
2. I am a knowledgeable representative of _____, hereinafter the
“Company.”
3. If the Company has less than 25 eligible employees, it is not required to participate in the
E-Verify process.
4. If the Company has more than 25 eligible employees, the Company is required to
participate in the E-Verify process as written in Article 2 of Chapter 64 of the North
Carolina General Statutes.
5. If the Company has more than 25 eligible employees, the Company has retained all
verification records as required in Article 2 of Chapter 64 of the North Carolina General
Statutes.
6. The Company will make those records available for review if requested by the City of
_____ in response to any awarded contract.
7. If the Company has more than 25 eligible employees, the Company has complied with all
applicable requirements of Article 2 of Chapter 64 of the North Carolina General
Statutes.
8. I have personal knowledge of all facts attested herein.
9. Affiant further saith not.

This the ____ day of _____, 2022

COMPANY: _____

Signature

Name, Title

NORTH CAROLINA
COUNTY OF _____

The person whose name appearing above appeared before me on the date listed above and displayed sufficient proof of identification and signed above affirming the statements contained herein.

Notary Signature

[Stamp]

Notary Printed Name

My Commission Expires: _____