

REQUEST FOR PROPOSAL

FOR

TESTING AND INSPECTION SERVICES

NORTH PENN SCHOOL DISTRICT

RENOVATIONS TO CRAWFORD STADIUM
AND
ADDITIONS AND RENOVATIONS TO KNAPP ELEMENTARY SCHOOL

LANSDALE, PA

MAY 1, 2020

REQUEST FOR PROPOSAL INFORMATION

1.0 GENERAL INFORMATION

The **North Penn School District** is soliciting proposals for testing services for the additions and renovations to Crawford Stadium at North Penn High School and Knapp Elementary School. The schools are located at:

North Penn Senior High School
1340 Valley Forge Rd.
Lansdale, PA 19446

Knapp Elementary School
698 Knapp Rd.
Lansdale, PA 19446

1.1 PROJECT SCOPE AND SCHEDULE

Scope:

The Crawford Stadium project consists of the following: the removal and re-installation of the field and track in a different footprint. Demolition of several existing buildings and the construction of several new buildings. Removal and replacement of visitor's bleachers, new light poles, and misc. site utilities and paving.

The additions and renovations to Knapp ES include the following: several additions, renovations to the existing building in 6 phases. Site and utility work including new water services, new bus loop and entrance drive, additional basins and various grading adjustments.

Schedule Crawford Stadium:

Stadium Renovations: June 2020 – May 2021*

Schedule Knapp Elementary Renovations:

Knapp Phase 1 & 1A: June 2020 – December 2020*

Knapp Phase 2: January 2021 – May 2021

Knapp Phase 3: May 2021 – October 2021*

Knapp Phase 4: August 2021 – December 2021

Knapp Phase 5: January 2022 – August 2022

Knapp Phase 6: May 2022 – August 2022 *

*Indicates anticipated dates when most of the testing work will be taking place.

1.2 TYPES OF CONTRACTS IN PLACE

The successful firm will be expected to function as part of this team and will be contracted directly with the North Penn School District working through the Construction Manager and Architect. The parties involved include:

Owner:

North Penn School District
401 E. Hancock Street

Lansdale, PA 19446

Thomas Schneider, Director of Facilities and Operations

schneit@npenn.org

215-853-1140

Daniel Linski, Supervisor of Environmental & Custodial Operations

linskidc@npenn.org

215-853-1102

Architect:

Crawford Stadium

Architerra P.C.

205 N. Main Street

Coopersburg, PA 18036

David Horn, Lead Architect

dehorn@architerra.com

610-282-1398

Knapp Elementary School

Schrader Group Architects

161 Leverington Ave.

Philadelphia, PA 19127

Devin Bradbury

dbradbury@sgarc.com

215-482-7440

Construction Manager:

ICS Consulting, Inc.

280 N. Providence Rd. Suite 107

Media, PA 19063

Bill Slawter

bill.slawter@ics-builds.com

267-718-0029

1.3 ISSUING OFFICE

The North Penn School District is issuing the proposal for the Testing and Inspection Services. Questions concerning the scope of the project should be submitted in writing, via email, to North Penn School District. It is the submitting firm's responsibility to allow sufficient time for a written response.

1.4 SUBMISSIONS

All Proposals shall be emailed to:

Thomas Schneider, Director of Facilities and Operations

schneit@npenn.org

215-853-1140

Daniel Linski, Supervisor of Environmental & Custodial Operations

linskidc@npenn.org

215-853-1102

Bill Slawter

bill.slawter@ics-builds.com

267-718-0029

Or mailed to:

North Penn School District

Support Services Building

630 West 8th St.

Lansdale, PA 19446

1.5 RESPONSE DATE

Proposals must be received by: **End of work day (4:00 PM), May 21, 2020**

1.6 PROPOSAL AWARD

The proposal award may be made within forty-five (45) days of opening date.

1.7 ADDENDA TO THIS RFP

Any addenda to this RFP will be sent via e-mail and must be acknowledged as being received on the bid form. Questions shall be submitted via e-mail to:

Thomas Schneider, Director of Facilities and Operations: schneit@npenn.org

Please CC:

Dan Linski, Supervisor of Environmental & Custodial Operations: linskidc@npenn.org

Bill Slawter, ICS Construction Manager: bill.slawter@ics-builds.com

2.0 QUALIFICATIONS/OBLIGATIONS/RESPONSIBILITIES

- A. The North Penn School District reserves the right to examine submitting firm qualifications and to ask submitting firm to provide additional information or data that North Penn School District may require. It is presumed that the submitting firm has thoroughly examined and investigated all plans and documents as well as the site and that his proposal is made with full knowledge and understanding of the conditions of the work.
- B. All submitting firms shall have resident on staff, a registered professional engineer licensed to do work in the state of Pennsylvania.
- C. Testing Laboratory Qualification: Shall have been inspected by a nationally recognized inspection agency, acceptable to Architect/Engineer. Evidence of such inspection and

current status shall be provided to Architect/Engineer and Construction Manager. In addition, the approved lab shall document participation in a nationally recognized soils and concrete reference testing program during the twelve (12) months preceding the start of work on this project. Results of reference testing shall indicate an average or above rating for the laboratory to be acceptable.

- D. Provide qualified personnel at site after due notice. Cooperate with Architect/Engineer and Construction Manager in performance of duties.
- E. Perform specified inspections, sampling and testing in accordance with specifications and specified standards.
- F. Ascertain compliance of materials and mixes with requirement of contract document.
- G. Promptly notify Construction Manager of observed irregularities or non-conformance of work or products.
- H. Testing Agency shall respond having received 24-hour notice from Construction Manager or North Penn School District.
- I. Provide for proper storage and curing of test samples. Include curing box.
- J. Field Technician shall be qualified and prepared to perform concrete, mortar, grout and soil tests in a single day. Field Technicians shall possess at a minimum the following certifications:
 - i. Concrete and Masonry Technicians – ACI Field Technician Level 1
 - ii. Welding and Structural Steel Inspections – AWS Certification
 - iii. Nuclear Density Probe – Training and certification by an agency acceptable to the NRC or other appropriate governing agency
- K. Any time over eight (8) hours on site consecutively, will be charged time and one half.
- L. If more than one (1) testing service is performed on one (1) day the full day rate or half-day rate will prevail with a charge for the additional reports as provided for in the Unit Prices.
- M. The Testing Agency shall provide a Technician with a minimum of 5 years of experience that will be assigned as the Lead Technician. The Lead Technician will become familiar with the Project and be the Testing Agencies main representative throughout the entire project. The Lead Technician will also be responsible for attending pre-installation meetings and coordination meetings as directed by the Construction Manager.
- N. Please review the attached “Requirements of The Daily Report” at the end of this document. A sample report shall be submitted along with the bid proposal.

2.1 INSURANCE

Certificates of Insurance must be provided for the following coverage and will not be canceled or changed during the term of the Testing and Inspection Services without thirty (30) days prior written notice to the North Penn School District and the Construction Manager.

A. General Liability Insurance

The Consultant shall provide the North Penn School District with proof of General Liability Insurance naming ICS Consulting, Inc., Schrader Group Architects, Inc., Architerra, P.C. and the North Penn School District as additional insured and shall hold them, its employees, and other Consultants harmless against claims arising out of the Consultants services to for the North Penn School District for damages in law and equity, and for property damages and personal injury, including wrongful death. The Consultant's Comprehensive General Liability Insurance and Automobile Liability Insurance shall be in the amount no less than \$1,000,000 for injuries, including accidental death to any person and subject to the same limit for each person, and in an amount not less than \$1,000,000 for each occurrence. The Consultant's Property Damage Liability Insurance shall be in an amount not less than \$1,000,000 for each occurrence. Aggregate coverage in the amount of \$2,000,000.

B. Professional Liability Insurance

The Consultant shall provide North Penn School District with proof of Professional Liability Insurance naming ICS Consulting, Inc., Schrader Group Architects, Inc., Architerra, P.C. and North Penn School District as additional insured and shall hold them, its employees, and other Consultants harmless against claims arising out of the Consultants services to/for the North Penn School District. The Consultant's Professional Liability Insurance shall be in the amount not less than \$2,000,000 for each occurrence and 2,000,000 aggregate.

C. Umbrella Excess Liability

Waived.

D. Workers Compensation

Statutory provisions must be met. Worker's Compensation Insurance must be sufficient to cover all employees of the firm working to fulfill this Contract and pertain to all Pennsylvania state requirements.

E. Certificate of Insurance

The Consultant shall furnish to the North Penn School District periodically, as requested during the active terms of this Agreement, a Certificate from their Insurance carriers, which shall be an Insurance Company(ies) authorized to do business in the State of Pennsylvania, indicating the existence of the required insurance, the amount of the deductible and full coverage of such insurance, which shall be subject to the approval of the Owner for adequacy of protection, and as within the limits such carrier may lawfully provide and must be listed on the Pennsylvania Insurance Department's approved list, and with a financial strength rating of at least A- by AM Best. Include as named insured, the North Penn School District, ICS Consulting, Inc., Architerra, P.C. and Schrader Group Architects, Inc.

F. Failure to Comply with Insurance Requirements

During any period in which the Testing and Inspection Agency is not in compliance with the terms of the insurance requirements herein stated, no compensation shall be paid by the North Penn School District to said Agency.

2.2 SUBMITTALS

- A. Submit laboratory name, address, telephone and fax number email of the assigned, registered engineer and responsible officer to the Construction Manager. Also, provide a resume for the proposed Lead Technician. Include qualification data to demonstrate their capabilities/experience. In addition, please submit a sample daily report, that follows the outlined report attachment. Please submit the information with your proposal.

3.0 LIMITS ON TESTING LABORATORY AUTHORITY

- a) Laboratory may not approve or accept portions of work.
- b) Laboratory may not assume duties of contractor.
- c) Laboratory has no authority to stop work.

4.0 GENERAL

- A. These conditions and instructions shall be considered an integral part of all proposals. Any proposals submitted shall be in accordance with the laws of the State of Pennsylvania and applicable Federal regulations.
- B. The North Penn School District School reserves the right to accept or reject any or all proposals received and to waive any irregularities or technicalities in proposals.
- C. No proposal shall be withdrawn for a period of sixty (60) days subsequent to the opening of the proposals without the consent of the North Penn School District.
- D. The testing agency will be reporting directly to the Owner and the Construction Manager. All written correspondence and reports shall be submitted to the Construction Manager and copied to the Owner, Architect, Engineer, and the Contractor (digital reports preferred):

North Penn School District – One copy
Contractor – One copy
Schrader Group Architects or Architerra, P.C.– One copy
Engineer – One copy
ICS Consulting, Inc. – One copy

Daily Field Reports shall be prepared immediately following the days work and shall be distributed to all parties within 24 hours e-mail. See attached “Requirements of The Daily Report” document.

- E. Daily slips must be signed by Construction Manager indicating time and each test provided for that day. Monthly invoice shall be submitted to Construction Manager, with copies of daily slips relating to that specific invoice. Complete accounting, indicating consecutive billing from beginning to end, will be required on a monthly basis.

TESTING AND INSPECTION SERVICES SCOPE OF WORK

- A. The work of this package consists of testing in the following Specification Sections. Unless specifically noted, all testing work to be performed shall consist of providing all labor, material, and equipment and whatever is necessary to complete the work in accordance to the Contract Documents and applicable codes.
- B. Specification Sections and drawing notes:
1. General civil, structural, and architectural notes issued with and on the drawings.
 2. Specification Sections as required in the following Divisions:
 - a Division 1 – General Requirements
 - b Division 3 – Concrete
 - c Division 4 – Masonry
 - d Division 5 – Structural Steel
 - e Division 7 – Fireproofing
 - f Division 31 – Earthwork
 - g Division 32 – Exterior Improvements
 - h Division 33 – Utilities
 3. The mention of the above Division does not alleviate the testing and inspection Agency of any requirements of other Divisions or of the General Requirements. The Division is provided; each proposing firm must read the appropriate sections in each Division.
- C. Narrative Description of Testing Package: The work of this Contract shall include but not be limited to the following items:
1. Coordinate testing with the Construction Manager and Contractors.
 2. In the event that access is not provided by the Contractors, the Testing Agency shall provide all scaffolding, hoisting, ramps, etc., as required to do your work.
 3. Provide safety and protection of persons and property per OSHA, local state and local requirements.

4. Provide testing of the following as specified:
 - a. Earthwork
 - b. Asphalt Paving
 - c. Concrete and Reinforcement
 - d. Architectural Precast Concrete Connections
 - e. Masonry Mortar
 - f. Masonry Grout
 - g. Masonry Prisms

5. Work will begin on or about May 2020 and will end approximately August 2022. Escalation Costs shall be included. Refer to the construction phase schedule in the bid documents for phasing information and milestones.

6. A complete set of Contract Documents is available for your inspection at the North Penn School District and the Construction Manager's office.

7. Insurance Certificate as described in "Insurance", Section 2.1 of the RFP, shall be submitted in duplicate to the North Penn School District, 401 E. Hancock St., Lansdale, PA 19446, Attn: Mr. Stephen Skrocki, CFO

8. **All employees on site must have an approved Act 34 Employee Background Check, FBI Fingerprint Criminal History Report (PDE code 1KG6XN) and Act 151, Child Abuse Protection Act Clearance. This information must be submitted to the North Penn School District. All employees on site must have a badge with a photo ID, provided by the North Penn School District, to be worn while on site.**

9. Refer to the Instructions to Bidders section of the specifications for additional information and requirements for submission of proposals.

- D. Additional Information:
 1. Enclosed within this RFP is the Pre-bid Construction Schedule for reference purposes. The actual dates and durations are subject to change once construction has commenced.
 2. This RFP contains 2 (two) bid forms, one for each project. Please be sure to fill out one form for each respective project.
 3. Bid forms must be accompanied by a sample of the daily report that is intended to be used. Attachment #1 indicates the minimum expectation of a daily report.

END THIS SECTION

**PROPOSAL FORM
FOR**

**North Penn School District
Renovations to Crawford Stadium at North Penn High School
Lansdale, Pa**

TESTING AND INSPECTION SERVICES
(To be submitted in duplicate)

Date: _____
(Firm to insert date Proposal submitted)

Firm Submitting: (Company Name) _____

(Address) _____

(Telephone) _____

Contact Person: _____

Contact Person (Email): _____

Gentlemen:

This proposal is submitted in accordance with your Invitation requesting that proposals to be received for Testing and Inspection Services for the North Penn School District in Lansdale, Pa.

Having carefully examined the Contract Documents (including the Addenda enumerated in the proposal, which are incorporated herein by reference) and being familiar with the Specifications, indicating various conditions affecting this Contract, the undersigned herein agrees to furnish all materials, perform all labor and do all else necessary to complete the testing and inspection services for the above named project in accordance with Base Proposal and Unit Prices per this Proposal Form.

Please Note Addenda to the RFP that were Received:

Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____

PROPOSAL FORM
Renovations to Crawford Stadium at North Penn High School
(To be submitted in duplicate)

BASE PROPOSAL - TESTING SERVICES TOTAL ALL INCLUSIVE:

\$ _____
(figures)

Base Proposal Price includes:

1. Four (04) modified proctor tests \$ _____
2. One Hundred Eighty Four (184) hours of soils technician time (performance of testing and visual inspections)
\$ _____
3. One Hundred Ninety Two (192) hours of concrete technician time (performance of testing and visual inspections of concrete and rebar placement)
\$ _____
4. One Hundred Twelve (112) hours of asphalt placement technician time (performance of testing and visual inspections)
\$ _____
5. Sixteen (16) hours Technician time for steel inspection/testing;
\$ _____
6. Fifty-Five (55) concrete cylinders, including breaks and molds;
\$ _____
7. Twenty (20) trips for cylinder/prism/cube pick up;
\$ _____
8. Ten (10) masonry prisms (10 sets of 3);
\$ _____
9. Twenty-Five (25) mortar cubes and breaks (25 sets of 6);
\$ _____
10. Twelve (12) grout cubes and breaks (12 sets of 3);
\$ _____
11. Twelve (12) asphalt cores (taking and testing of core);
\$ _____

All associated reporting (**5 copies, digital preferred**) to complete base proposal testing.

Base proposal shall include all travel expenses (including pickup of cylinders).

Unit prices will be used on an Add/Deduct basis to adjust the Base Proposal to actual quantities.

HOURLY RATES / UNIT PRICES

(To be submitted in duplicate)

Rates shall be all inclusive, i.e., fringe benefits, travel time, travel expenses, mark-up, tools, equipment, reporting, etc. Unit Prices and hourly rates are presented as Add/Deduct for adjustment of the Base Proposal to account for actual quantities. Unit prices as provided below shall be used to calculate base proposal.

1. On site services: Includes observation and documentation of all fill and backfill placement and compaction, subgrade preparation and footing excavations; including related field tests (labor) in accordance with the project specifications (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
2. On site services: Includes observation and documentation of all paving placement and compaction, subgrade preparation; including related field tests (labor) in accordance with the project specifications (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
3. On site services: Includes observation and documentation of concrete and rebar placement in accordance with the project drawings and specifications ACI requirements, including required field tests, (slump, air content temperature, etc.) and sampling (using an ACI-Certified Tech. per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
4. On site services: Includes observation and documentation of masonry wall construction in accordance with the project drawings and specifications including required field tests and sampling (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
5. Proctors on soils – each proctor (standard) \$_____ per each
(modified) \$_____ per each
6. Breaking cylinders (per cylinder) \$_____ per cyl.
7. Cost of molds (per each) \$_____ per each
8. Concrete F/L testing (ASTM 1155) \$_____ per test
9. Architectural Precast Concrete Connection inspection \$_____ per hour
10. Steel inspection test of welds on joists & structural steel \$_____ per hour
11. Testing of bolts & shear studs \$_____ per hour
12. Fireproofing inspection \$_____ per hour
13. Mortar cubes for compressive strength (ASTM C780) \$_____ per set of
6 molds
14. Grout prisms for compressive strength (ASTM C1019) \$_____ per set of

- | | | |
|---|---------|-----------------------|
| | | 3 molds |
| 15. Masonry prism for compressive strength (ASTM C1314) | \$_____ | per set of
3 molds |
| 16. Taking asphalt cores | \$_____ | per hour |
| 17. Testing of bituminous paving (core test) | \$_____ | per core |
| 18. Certified Engineer Provisions | \$_____ | per hour |
| 19. Escalation for calendar year 2021 | \$_____ | percent (%) |

The undersigned hereby certifies that this Proposal is genuine and not sham or collusive or made in the interest of or in behalf of any person, firm or corporation not herein named and that the undersigned has not directly or indirectly induced or solicited any firm to refrain from submitting a proposal and that the undersigned has not in any manner sought by collusion to secure for himself any advantages over any other firm.

The undersigned, intending to be legally bound, agrees that this Proposal shall be irrevocable and shall remain subject to your acceptance for sixty (30) days after date set for proposal opening, except as provided by Act 317 of 1978, approved November 16, 1978, which provided for possible extension of the holding period.

Proposals shall be officially signed in accordance with Instructions to Bidders, using applicable portions of Signature Pages.

SIGNATURES

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Individual Bidder

(Witness)

(Signature of Individual)

Trading and doing business as * _____

Business Address _____

* If fictitious or trade name is employed in conduct of business, insert name and complete address, as appropriate, by deletion, the following statement; Foregoing fictitious or trade name (has) (has not) been registered as a (Partnership) (Individual) under Pennsylvania law.

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Partnership Bidder

(Name of Partnership)*

Witness

_____ **By:** _____ (Partner)

Witness

_____ **By:** _____ (Partner)

Business Address

The partners' constitution of the Partnership herein named are:

_____ (Partner)
Address

_____ (Partner)
Address

* If fictitious or trade name is employed in conduct of business, insert name and complete address, as appropriate, by deletion, the following statement: Foregoing fictitious or trade name (has) (has not) been registered as a (Partnership) (Individual) under Pennsylvania law.

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Corporation Bidder

** _____(Name of Corporation)

By: _____(Vice President)

Attest: _____(Secretary)

Business Address

OR (If appropriate)

** _____(Name of Corporation)

By***: _____(Authorized Representative)

By: _____(Witness)

Business Address

** (1) Complete, as appropriate, the following statement:

The Corporation has been organized and is existing under Laws of the _____

(2) If Corporation has been organized under laws other than those of the Commonwealth of Pennsylvania, complete, as appropriate, by deletion, the following statement:

The Corporation (has) (has not) been granted a Certificate of Authority to do business in the Commonwealth of Pennsylvania under applicable laws.

*** Attach appropriate proof, dated as of the date of the Proposal, evidencing authority to execute in behalf of the Corporation in accordance with requirements of the Contract Documents.

**PROPOSAL FORM
FOR**

**North Penn School District
Additions and Renovations to Knapp Elementary School Project
Lansdale, Pa**

TESTING AND INSPECTION SERVICES
(To be submitted in duplicate)

Date: _____
(Firm to insert date Proposal submitted)

Firm Submitting: (Company Name) _____

(Address) _____

(Telephone) _____

Contact Person: _____

Contact Person (Email): _____

Gentlemen:

This proposal is submitted in accordance with your Invitation requesting that proposals to be received for Testing and Inspection Services for the North Penn School District in Lansdale, Pa.

Having carefully examined the Contract Documents (including the Addenda enumerated in the proposal, which are incorporated herein by reference) and being familiar with the Specifications, indicating various conditions affecting this Contract, the undersigned herein agrees to furnish all materials, perform all labor and do all else necessary to complete the testing and inspection services for the above named project in accordance with Base Proposal and Unit Prices per this Proposal Form.

Please Note Addenda to the RFP that were Received:

Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____
Addendum No.:	_____	Date Received:	_____

PROPOSAL FORM
Additions and Renovations to Knapp Elementary School Project

(To be submitted in duplicate)

BASE PROPOSAL - TESTING SERVICES TOTAL ALL INCLUSIVE:

\$ _____

(figures)

Base Proposal Price includes:

1. Eight (08) modified proctor tests \$ _____
2. Three Hundred Sixteen (316) hours of soils technician time (performance of testing and visual inspections)
\$ _____
3. Four Hundred Fifty-Eight (458) hours of concrete technician time (performance of testing and visual inspections of concrete and rebar placement)
\$ _____
4. One Hundred Forty-Eight (148) hours of asphalt placement technician time (performance of testing and visual inspections)
\$ _____
5. Thirty-Two (32) hours Technician time for steel inspection/testing;
\$ _____
6. Three Hundred (300) concrete cylinders, including breaks and molds;
\$ _____
7. Thirty (30) trips for cylinder pick up;
\$ _____
8. Ten (10) masonry prisms (10 sets of 3);
\$ _____
9. Ten (10) mortar cubes and breaks (10 sets of 6);
\$ _____
10. Six (6) grout cubes and breaks (6 sets of 3);
\$ _____
11. Ten (10) asphalt cores (taking and testing of core);
\$ _____

All associated reporting (**5 copies, digital preferred**) to complete base proposal testing.

Base proposal shall include all travel expenses (including pickup of cylinders).

Unit prices will be used on an Add/Deduct basis to adjust the Base Proposal to actual quantities.

HOURLY RATES / UNIT PRICES

(To be submitted in duplicate)

Rates shall be all inclusive, i.e., fringe benefits, travel time, travel expenses, mark-up, tools, equipment, reporting, etc. Unit Prices and hourly rates are presented as Add/Deduct for adjustment of the Base Proposal to account for actual quantities. Unit prices as provided below shall be used to calculate base proposal.

1. On site services: Includes observation and documentation of all fill and backfill placement and compaction, subgrade preparation and footing excavations; including related field tests (labor) in accordance with the project specifications (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
2. On site services: Includes observation and documentation of all paving placement and compaction, subgrade preparation; including related field tests (labor) in accordance with the project specifications (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
3. On site services: Includes observation and documentation of concrete and rebar placement in accordance with the project drawings and specifications ACI requirements, including required field tests, (slump, air content temperature, etc.) and sampling (using an ACI-Certified Tech. per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
4. On site services: Includes observation and documentation of masonry wall construction in accordance with the project drawings and specifications including required field tests and sampling (per hr.)
\$_____ straight
\$_____ over time
\$_____ weekends
5. Proctors on soils – each proctor
(standard) \$_____ per each
(modified) \$_____ per each
6. Breaking cylinders (per cylinder) \$_____ per cyl.
7. Cost of molds (per each) \$_____ per each
8. Concrete F/L testing (ASTM 1155) \$_____ per test
9. Architectural Precast Concrete Connection inspection \$_____ per hour
10. Steel inspection test of welds on joists & structural steel \$_____ per hour
11. Testing of bolts & shear studs \$_____ per hour
12. Fireproofing inspection \$_____ per hour
13. Mortar cubes for compressive strength (ASTM C780) \$_____ per set of
6 molds
14. Grout prisms for compressive strength (ASTM C1019) \$_____ per set of

- | | | |
|---|---------|-----------------------|
| | | 3 molds |
| 15. Masonry prism for compressive strength (ASTM C1314) | \$_____ | per set of
3 molds |
| 16. Taking asphalt cores | \$_____ | per hour |
| 17. Testing of bituminous paving (core test) | \$_____ | per core |
| 18. Certified Engineer Provisions | \$_____ | per hour |
| 19. Escalation for calendar year 2021 | \$_____ | percent (%) |
| 20. Escalation for calendar year 2022 | \$_____ | percent (%) |

The undersigned hereby certifies that this Proposal is genuine and not sham or collusive or made in the interest of or in behalf of any person, firm or corporation not herein named and that the undersigned has not directly or indirectly induced or solicited any firm to refrain from submitting a proposal and that the undersigned has not in any manner sought by collusion to secure for himself any advantages over any other firm.

The undersigned, intending to be legally bound, agrees that this Proposal shall be irrevocable and shall remain subject to your acceptance for sixty (30) days after date set for proposal opening, except as provided by Act 317 of 1978, approved November 16, 1978, which provided for possible extension of the holding period.

Proposals shall be officially signed in accordance with Instructions to Bidders, using applicable portions of Signature Pages.

SIGNATURES

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Individual Bidder

(Witness)

(Signature of Individual)

Trading and doing business as * _____

Business Address _____

* If fictitious or trade name is employed in conduct of business, insert name and complete address, as appropriate, by deletion, the following statement; Foregoing fictitious or trade name (has) (has not) been registered as a (Partnership) (Individual) under Pennsylvania law.

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Partnership Bidder

(Name of Partnership)*

Witness

_____ **By:** _____ (Partner)

Witness

_____ **By:** _____ (Partner)

Business Address

The partners' constitution of the Partnership herein named are:

_____ (Partner)
Address

_____ (Partner)
Address

* If fictitious or trade name is employed in conduct of business, insert name and complete address, as appropriate, by deletion, the following statement: Foregoing fictitious or trade name (has) (has not) been registered as a (Partnership) (Individual) under Pennsylvania law.

IN WITNESS WHEREOF, the undersigned has caused this Proposal to be executed as of the day and year indicated on the first page hereof.

Corporation Bidder

** _____(Name of Corporation)

By: _____(Vice President)

Attest: _____(Secretary)

Business Address

OR (If appropriate)

** _____(Name of Corporation)

By***: _____(Authorized Representative)

By: _____(Witness)

Business Address

** (1) Complete, as appropriate, the following statement:

The Corporation has been organized and is existing under Laws of the _____

(2) If Corporation has been organized under laws other than those of the Commonwealth of Pennsylvania, complete, as appropriate, by deletion, the following statement:

The Corporation (has) (has not) been granted a Certificate of Authority to do business in the Commonwealth of Pennsylvania under applicable laws.

*** Attach appropriate proof, dated as of the date of the Proposal, evidencing authority to execute in behalf of the Corporation in accordance with requirements of the Contract Documents.

Attachment #1

RFP Testing Report Requirements:

Each submitted report may include any, or all of the following but not limited to:

Daily Field Report, Concrete/Mortar Test Report, Compaction Test Report, Footing & Undercut Inspection Report, Inspection Plans, and Steel Inspection Report

The Daily Report for work reviewed is to include the following:

Header and Footer on each sheet of the report. The header is to include the following items:

Project	Sheet No.
Location	Project No.
Client	Date
Contractors	Weather

Footer should state the arrival time, departure time and total time on site, distribution group, name of the Project Manager, name of the Field Engineer, and the dates the report was summarized.

There is to be a section for remarks/notes. Remarks should include, but not limited to contractor or subcontractors name, what type of work the firm was there to observe, and any and all observations noted. For instance:

ABC Constructors: Building pad backfill -

Backfill was placed in area M against the basement retaining wall following the installation of waterproofing. Clean drainage stone was placed 12" from the wall and the remaining area was backfilled with imported 2A. Material compacted with Ingersoll Rand smooth drum roller, sheeps foot vibratory trench roller and jumping jack. All lifts placed are approved. Please see compaction section of this report for more details.

Photographs shall be included in each type report showing work in progress, prior to placement/installation, during placement/installation, and completion in placement or installation. Photo's should include s verbal description of the photo, work scope and the location of the workplace including column lines and /or benchmark locations.

Compaction Test Report for work reviewed should include the following:

Header and Footer on each sheet of the report. The header is to include the following items:

Project	Sheet No.
Location	Project No.
Client	Date
Contractors	Weather

Footer should state the arrival time, departure time and total time on site, distribution group, name of the Project Manager, name of the Field Engineer, and the dates the report was summarized.

Table of testing and results including the following:

Testing Record						
Elevation (ft)	Test No.	Lift Thickness (in)	Fill Material	Measured Values		Remarks
				Density (pcf)	Moisture (%)	
						Compaction (%)

There should also be included sections in the report for Remarks and General Notes. Remarks should be similar to the following:

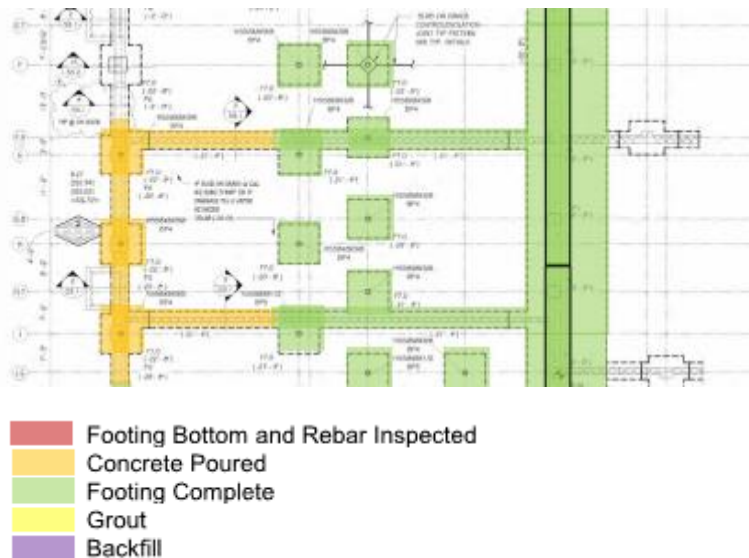
Remarks
Lifts were tested with the nuclear gauge and also inspected visually and were stable and approved.
Testing above refers to backfill in area M building pad behind basement wall.

General Notes should be similar to the following:

General Notes
1. Imported 2A Stone #1: Standard Proctor values 151.2 pcf maximum dry density at 6.2% optimum moisture.
Imported 2A Stone #2: Standard Proctor values 125.2 pcf maximum dry density at 1.3% optimum moisture.
2. Required minimum compaction = 98% building pad, 95% pavement, 93% landscape areas.

Photographs shall be included in each type report showing work in progress, prior to placement/installation, during placement/installation, and completion in placement or installation. Photo's should include s verbal description of the photo, work scope and the location of the workplace including column lines and /or benchmark locations.

Included in each report shall be a sheet showing the structural or site plans referenced for the type of work, along with a color-coded legend indicating what type of inspection or observation was performed. Such as:



Concrete/Mortar Inspection Report for work reviewed should include the following:

Header and Footer on each sheet of the report. The header is to include the following items:

Project	Sheet No.
Location	Project No.
Client	Date
Contractors	Weather

Footer should state the arrival time, departure time and total time on site, distribution group, name of the Project Manager, name of the Field Engineer, and the dates the report was summarized.

Report should include the following:

Specified concrete or mortar types as specified.

Concrete Specified							
Type	Application	Unit Weight	28-Day Strength (psi)	Slump (with Plasticizer), (in)	Water/Cement Ratio (Max)	Air Content (%)	Temp Range (F)
1	Walls, piers & grade beams	Normal	4000	5 +/- 1 (8" Max)	0.45	6 +/- 1.5	50-95

Concrete testing results similar to:

Sets of Cylinders Molded & Test Data												
Set	Type	No. of Cyl. (4x8)	Slump (in)	T (F)	Air Content (%)	Unit Weight (lbs/cu. ft.)	Water Added (gal)	Method of Placement	Vibrator Used	Running Total (CY)	Truck No.	Ticket No.
1	1	6	4.5	90	5.1		0	Chute	Y	10	342	1159494

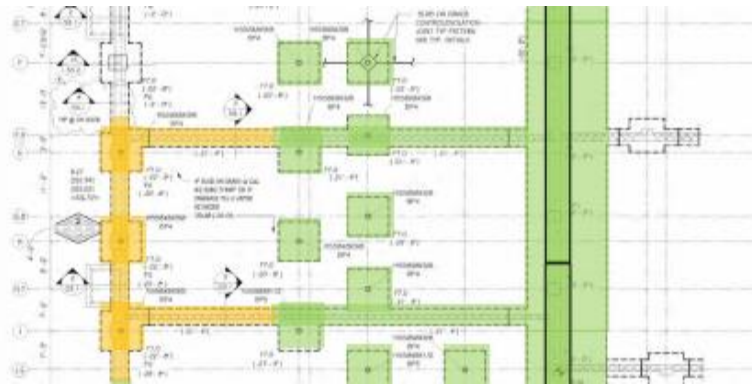
Concrete Mix Delivered: 4000psi, AE, 5"

Remarks section providing placement information and general observations fulfilling project specifications. As an example:

Remarks
23 CY of 4000psi concrete were poured in H107 upper slab on grade and footings in L and M.

Photographs shall be included in each type report showing work in progress, prior to placement/installation, during placement/installation, and completion in placement or installation. Photo's should include s verbal description of the photo, work scope and the location of the workplace including column lines and /or benchmark locations.

Included in each report shall be a sheet showing the structural or site plans referenced for the type of work, along with a color-coded legend indicating what type of inspection or observation was performed. Such as:



- Footing Bottom and Rebar Inspected
- Concrete Poured
- Footing Complete
- Grout
- Backfill

Undercut and Footing Inspection Report for work reviewed should include the following:

Header and Footer on each sheet of the report. The header is to include the following items:

Project	Sheet No.
Location	Project No.
Client	Date
Contractors	Weather

Footer should state the arrival time, departure time and total time on site, distribution group, name of the Project Manager, name of the Field Engineer, and the dates the report was summarized.

The field or body of the report should include the following items:

Inspected Footings, Undercut Details, Remarks, and General Notes in the following formatting and examples.

Inspected Footings					
Location (See Attached Plan)	Type	Footing Dimensions (ft)	Bearing Capacity (psf)	Bearing Conditions at Bottom of Trench	Remarks
F/1-C/1	Continuous	3'-0"x1'-0"	4000	Structural Fill	Pass

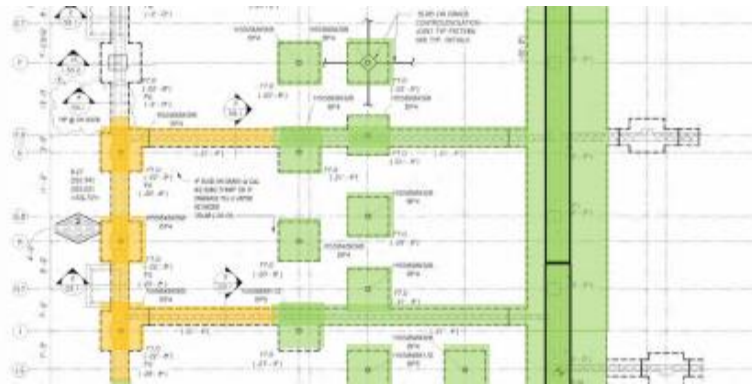
Undercut Details							
Location (See Plan)		Undercut Dimensions	Bottom El. (ft)	Undercut Quantity (CY)	Bottom Stratum	Material Used to Backfill Undercut	Remarks
No.	Description						

Remarks

General Notes
After excavation, footing bottoms were compacted with a vibratory plate tamper and approved prior to placing rebar. For footing bottoms not in structural fill, bottoms were probed with a 1/2" probing bar, showed less than 2" of penetration and were approved.

Photographs shall be included in each type report showing work in progress, prior to placement/installation, during placement/installation, and completion in placement or installation. Photo's should include s verbal description of the photo, work scope and the location of the workplace including column lines and /or benchmark locations.

Included in each report shall be a sheet showing the structural or site plans referenced for the type of work, along with a color-coded legend indicating what type of inspection or observation was performed. Such as:



- Footing Bottom and Rebar Inspected
- Concrete Poured
- Footing Complete
- Grout
- Backfill

Steel Inspection Report should include the following items:

Header and Footer on each sheet of the report. The header is to include the following items:

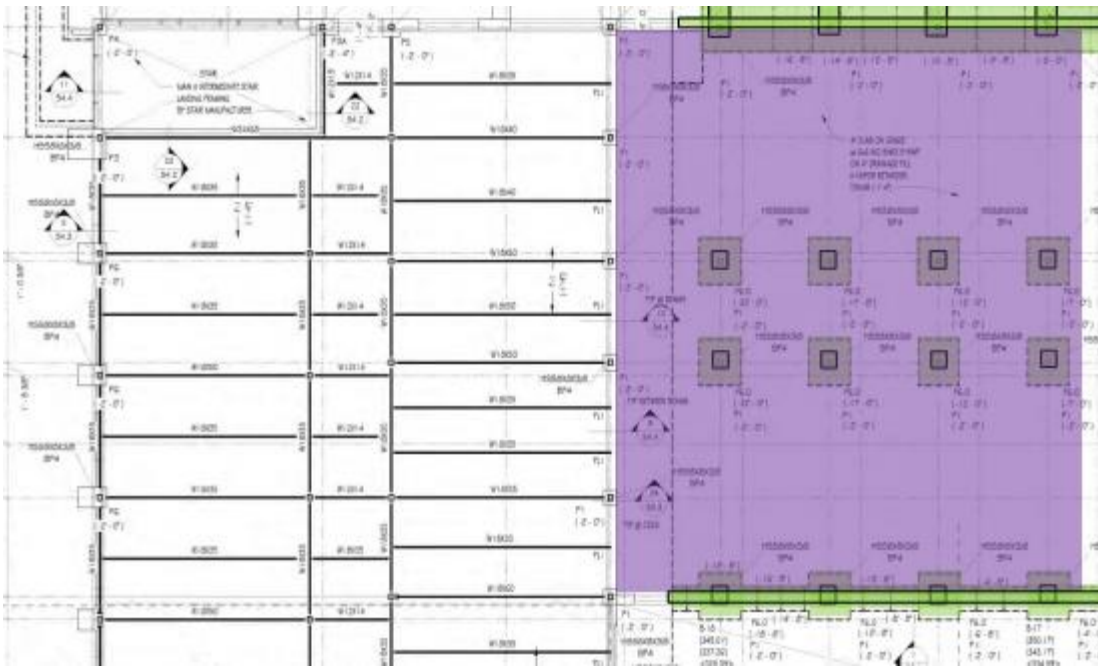
Project	Sheet No.
Location	Project No.
Client	Date
Contractors	Weather

Footer should state the arrival time, departure time and total time on site, distribution group, name of the Project Manager, name of the Field Engineer, and the dates the report was summarized.

Table format reporting for - Inspected Steel pieces and their locations, steel type (columns, beams, bar joists) and sizes, connection type, connection completed including bolt count or weld type, set plumb and level, and accessory pieces included.

Photographs shall be included in each type report showing work in progress, prior to placement/installation, during placement/installation, and completion in placement or installation. Photo's should include a verbal description of the photo, work scope and the location of the workplace including column lines and /or benchmark locations.

Included in each report shall be a sheet showing the structural or site plans referenced for the type of work, along with a color-coded legend indicating what type of inspection or observation was performed. Such as:



- Footing Bottom and Rebar Inspected
- Concrete Poured
- Footing Complete
- Grout
- Backfill
- Slab on Grade Prep