



RESOLUTION 2023-35

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT WITH AMERICAN STRUCTUREPOINT INC. FOR THE PURPOSE OF PERFORMING PROFESSIONAL ENGINEERING SERVICES FOR THE NORTH DEPOT STREET RECONSTRUCTION PROJECT

WHEREAS, the City of Powell Council hereby determines it is in the best interest of the City to engineer the improvements for the North Depot Street Reconstruction; and

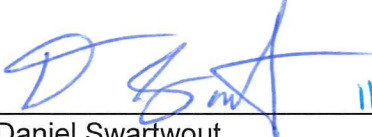
WHEREAS, Council desires to authorize the City Manager to enter into such an agreement with American Structurepoint Inc.; and

NOW THEREFORE BE IT RESOLVED BY THE CITY OF POWELL, COUNTY OF DELAWARE, STATE OF OHIO AS FOLLOWS:

Section 1: That the City Manager is hereby authorized and directed to enter into a professional services agreement with American Structurepoint Inc., in a form acceptable to the Director of Law and in a contract amount of approximately \$327,192.00 for professional engineering services related to the design of the North Depot Street Reconstruction Project.

Section 2: It is hereby found and determined that all formal actions of this Council concerning and relating to the passage of this Resolution were adopted in an open meeting of Council and that all deliberations of Council and any of the decision-making bodies of the City of Powell, which resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Powell, Delaware County, Ohio.


Section 3: This Resolution shall be in full force and effect immediately upon adoption.



Daniel Swartwout
Mayor

11/21/2023

Date

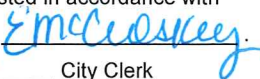


Elaine McCloskey
City Clerk

11/21/2023

Date

EFFECTIVE DATE: November 21, 2023

This legislation has been posted in accordance with the City Charter on this date 
11/27/2023

City Clerk

PROFESSIONAL SERVICES AGREEMENT

This Professional Services Agreement ("Agreement") is made and entered into and effective on this ___ day of _____, 2023 ("Effective Date") by and between the City of Powell, Ohio ("Powell"), an Ohio Municipal Corporation, with offices located at 47 Hall Street, Powell, Ohio 43065 and American Structurepoint, Inc. ("Service Provider"), with an office and principal place of business located at 2550 Corporate Exchange Drive, Suite 300, Columbus, Ohio 43231.

Recitals

WHEREAS, Powell desires to engage Service Provider to perform the services as more fully described in the attached Exhibit A (the "Services"); and

WHEREAS, Service Provider desires to perform the Services and desires to be so engaged.

NOW, THEREFORE, in consideration of the foregoing and of the covenants and agreements herein contained, the parties, intending to be legally bound, agree as follows:

Provisions

I. Performance of the Services. Service Provider shall:

- A. Perform the Services as set forth in Exhibit A.
- B. If the Service Provider is an individual, complete, sign and return the Ohio Public Employees Retirement System ("OPERS") Independent Contractor Acknowledgement Form.
- C. Give prompt notice to Powell should the Service Provider observe or otherwise become aware of any fault or deficit in the project or any nonconformance with the Agreement.
- D. Remit to Powell after the termination of this Agreement, all files and documents pertaining to the project that have been obtained or produced including, but not limited to, permits, licenses, applications, codes, drawings, site plans, photographs, and similar materials. Service Provider shall be entitled to retain copies for the Service Provider's files.

II. Obligations of Powell. Powell shall:

- A. Assist the Service Provider by placing at its disposal all available information pertinent to the Services for the project.
- B. Use its best efforts to secure release of other data applicable to the project held by others.
- C. Make all necessary provisions to enter upon public and private property as required to perform the Services.

D. Give prompt notice to the Service Provider should Powell observe or otherwise become aware of any fault or deficit in the project or any nonconformance with the Agreement.

III. Term and Termination. The Agreement shall commence on the ___ day of _____, 20___, and shall terminate on the ___ day of _____, 20___. Powell may terminate this Agreement at any time by giving Service Provider thirty (30) days advance written notice. In the event this Agreement is terminated by Powell prior to its natural expiration, Service Provider shall be paid the amounts for work actually performed in accordance with this Agreement to the date of this early termination.

IV. Payment.

A. Service Provider shall be compensated for its service consistent with the Exhibit A.

B. The Service Provider shall invoice Powell monthly for services rendered through the previous month, and Powell agrees to pay within thirty (30) days of receipt of a valid invoice. A valid invoice shall consist of a description of work performed and an itemization of all reimbursable expenses, which must be documented with copies of receipts whenever possible. All invoices must include the contract number and the purchase order number of this contract, which is located in the upper right-hand corner of the first page of this document.

V. Relationship of the Parties. The parties acknowledge and agree that Service Provider is an independent contractor and is not an agent or employee of Powell. Nothing in this Agreement shall be construed to create a relationship between Service Provider and Powell of a partnership, association, or joint venture. Further, the parties acknowledge that Service Provider is paid a fee, retainer or other payment as per Section IV of this Agreement; is not eligible for workers' compensation or unemployment compensation; is not eligible for employee fringe benefits such as vacation or sick leave; does not appear on Powell's payroll; is required to provide his/her or her own supplies and equipment; and is not controlled or supervised by Powell personnel as to the manner of work.

VI. Indemnification and Limitation of Liability.

A. Professional Liability. Relative to the extent, losses, damages, liability and cost, the Service Provider agrees to indemnify and save Powell, its officers, officials, and employees harmless from and against any and all suits, actions or claims for property losses, damages or personal injury arising from the negligent acts, errors or omissions by the Service Provider or its employees, but only to the extent of the Service Provider's determined negligence. In no event shall Service Provider be required to defend Powell, its officers, officials, and employees against professional liability suits, claims, or actions before there has been a determination of negligence.

B. Non-Professional Liability (General Liability). To the fullest extent permitted by law, the Service Provider shall indemnify, and hold harmless Powell, its officers, officials, employees or any combination thereof, from and against claims, damages, losses and

expenses, including but not limited to reasonable attorneys' fees recoverable under applicable law, arising out of the acts or omissions of the Service Provider, provided that such claim, damage, loss or expenses is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of property (other than the work itself) including loss of use resulting therefrom, but only to the extent caused by the negligent acts or omissions of the Service Provider, any subconsultant(s) of the Service Provider, its agents, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable. Such obligations shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this paragraph.

- C. Limitation of Liability. To the fullest extent permitted by law, Powell and Services Provider (1) waive against each other, and the other's employees, officers, directors, members, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to this Agreement or the Project, and (2) agree that Service Provider's total liability to Powell under this Agreement shall be limited to **\$50,000** or the total amount of compensation received by Service Provider, whichever is greater.

VII. Insurance.

- A. The Service Provider shall secure and maintain, at his/her/its own expense, errors and omissions insurance in an amount not less than One Million Dollars (\$1,000,000.00) per claim/annual aggregate to protect himself from any claim arising out of the performance of professional services and caused by negligent acts, omissions or negligent acts for which the Service Provider may be legally negligent. The Service Provider shall maintain said coverage for the entire contract period and for a minimum of one year after completion of the work under the contract.
- B. In addition to errors and omissions insurance, the Service Provider shall also secure and maintain, at his/her own expense, insurance for protection from claims under Worker's Compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom, and any other insurance prescribed by laws, rules, regulations, ordinances, codes or orders.
- C. The Service Provider shall secure and maintain, at his/her own expense, General Liability insurance in an amount not less than One Million Dollars (\$1,000,000.00) per occurrence.
- D. The Service Provider shall secure and maintain, at his/her/its own expense, Property insurance for protection from claims or damages because of damage to or destruction of property including loss of use resulting therefrom in an amount not less than Five Hundred Thousand Dollars (\$500,000.00).
- E. Powell shall be held harmless for any damage to the Service Provider's property and/or equipment during the course of performance under the Contract.

- F. The above referenced insurance shall be maintained in full force and effect during the life of this Contract and for one year beyond, where specified. Certificates showing that the Service Provider is carrying the above referenced insurance in at least the above specified minimum amounts shall be furnished to, and approved by, Powell prior to the start of work on the project and before Powell is obligated to make any payments to the Service Provider for the work performed under the provision of this contract. All such Certificates, with the exception of those for Worker's Compensation and Errors & Omissions coverage, shall clearly reflect that the City of Powell is an "Additional Insured".

VIII. Employee Documentation

- A. Service Provider guarantees that the individuals employed by the Service working on this project are authorized to work in the United States. The Service Provider will upon demand provide Powell with appropriate documentation (Form I-9) for any Service Provider employee performing services for Powell.
- B. The Service Provider agrees to indemnify Powell in accordance with Section VI of the Agreement for any issue arising out of the Service Provider's hiring or retention of any individual who is not authorized to work in the United States.

IX. Taxes.

- A. Service Provider has the following identification number for income tax purposes:
35-1127317.
- B. Service Provider is subject to and responsible for all applicable federal, state, and local taxes.
- C. Powell represents that it is a tax-exempt entity and evidence of this tax-exempt status shall be provided to Service Provider upon written request. Service Provider hereby further agrees to withhold all municipal income taxes due or payable under the provisions of the Codified Ordinances of Powell, Ohio, for wages, salaries and commissions paid to its employees and further agrees that any of its subcontractors shall be required to agree to withhold any such municipal income taxes due under such chapter for Services performed under this Agreement.
- D. The Service Provider shall receive Internal Revenue Service form 1099 from Powell for income tax reporting purposes.

- X. Assignment.** Neither party may assign this Agreement without obtaining express, written consent from the other party prior to assignment.

- XI. Entire Agreement / Amendment.** This Agreement constitutes the entire understanding of the parties hereto with respect to the subject matter hereof and supersedes all prior negotiations, discussions, undertakings and agreements between the parties. This Agreement may be amended or modified only by a writing executed by the duly authorized officers of the parties hereto. It is understood and agreed that this Agreement may not be changed, modified, or altered except by an instrument, in writing, signed by both parties in accordance with the laws of the State of Ohio. If there is any conflict between this Agreement and any term, condition, or item in the attached Exhibit A, this Agreement shall control.

XII. Discrimination.

- A. No discrimination for reason of race, color, national origin, religion, sex, genetic information, pregnancy, age, ancestry, military status, sexual orientation, gender identity, marital status, veteran's status, or disability shall be permitted or authorized by Powell and/or Service Provider in connection with the Services.
- B. Nothing in this Agreement shall require the commission of any act contrary to any law or any rules or regulations of any union, guild, or similar body having jurisdiction over the Services of Service Provider.

XIII. Governing Law/Venue. Any controversy or claim, whether based upon contract, statute, tort, fraud, misrepresentation, or other legal theory, related directly or indirectly to this Agreement, whether between the parties, or of any of the parties' employees, agents, or affiliated businesses, will be resolved under the laws of the State of Ohio, in any court of competent jurisdiction in Delaware County, Ohio.

XIV. Severability. If any provision of this Agreement is held invalid or unenforceable, such provision shall be deemed deleted from this Agreement and shall be replaced by a valid, mutually agreeable and enforceable provision which so far as possible achieves the same objectives as the severed provision was intended to achieve, and the remaining provisions of this Agreement shall continue in full force and effect.

XV. Paragraph Headings. Paragraph headings are inserted in this Agreement for convenience only and are not to be used in interpreting this Agreement.

[signatures appear on following page]

BY SIGNING THIS AGREEMENT, YOU HEREBY ACKNOWLEDGE THAT YOU HAVE BEEN INFORMED THAT THE CITY OF POWELL, OHIO HAS CLASSIFIED YOU AS AN INDEPENDENT CONTRACTOR AND THAT YOU HAVE BEEN ADVISED THAT CONTRIBUTIONS TO OPERS WILL NOT BE MADE ON YOUR BEHALF FOR THESE SERVICES.

FURTHER, BY SIGNING THIS AGREEMENT, YOU HEREBY ACKNOWLEDGE THAT THE CITY OF POWELL, OHIO HAS IN NO WAY LIMITED OR RESTRICTED YOUR RIGHT TO PROVIDE THE AGREED-TO SERVICES TO THE GENERAL PUBLIC AND THAT YOU REGULARLY PROVIDE SUCH SERVICES TO THE GENERAL PUBLIC.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the _____ day of _____, 2023.

CITY OF POWELL, OHIO

BY: _____ Date _____
Andrew White, City Manager

AMERICAN STRUCTUREPOINT, INC.

BY: _____ Date _____
Walid E. Gemayel, Senior Vice President/Partner

Approved as to Form:

BY: _____ Date _____
Yazan S. Ashrawi, Law Director

CERTIFICATION OF FUNDS

I hereby certify that the above amount required to the above has been lawfully appropriated, authorized, or directed for such purposes and is in Treasury or in the process of collection to credit of the above funds free of obligation or certification now outstanding.

BY: _____
Rosa Ocheltree, Director of Finance

Date: _____

EXHIBIT A

Scope of Services

Please refer to Service Provider's Proposal dated October 20, 2023, attached as Exhibit A-1.

Fee Proposal For Professional Engineering Services

North Depot Street Reconstruction

City of Powell
47 Hall Street, Powell, Ohio 43065

October 20, 2023



AMERICAN
STRUCTUREPOINT
INC.

2550 Corporate Exchange Drive, Suite 300
Columbus, Ohio 43231

TEL 614.901.2235

WEB www.structurepoint.com



Fee Proposal
 For Professional Engineering Services
 North Depot Street
 Reconstruction
 City of Lowell
 47 Hill Street, Lowell, Ohio 43023
 10/16/2023

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Attachments

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1.0 Scope of Services

The following scope of services is based upon our understanding of the City of Powell's Request for Proposal for the North Depot Street Reconstruction project issued on August 21, 2023. The project scope includes the following defined tasks:

Task 1 - Field Survey/Base Map Preparation and Preliminary Field Review

a. Research

- *County records search for deeds, plats and surveys.*

b. Establish Control

- *Re-establish existing horizontal and vertical survey control previously established for the Nocterra Brewing Company survey (Ohio North, NAD1983, NAVD 1988).*
- *Extend and supplement as needed for the surveying and eventual construction of this project.*

c. Property Corner Tie-In

- *Search for and tie-in additional property line, right-of-way line, and centerline control points and occupational evidence, supplementing what was previously located for the Nocterra Brewing Company survey.*

d. Topographic Survey

- *Locate road cross sections at 50-foot intervals (max.)*
- *Locate topographic and planimetric features within the survey limits for the purpose of accurately mapping the existing conditions and contours of the project area.*
- *Perform a tree survey, locating all trees within the survey limits over 6 caliper inches, and identifying each one's species, caliper and health.*

e. Utilities, Sewers, and Drain Pipes

- *Locate aboveground evidence of utilities, including manholes, handholes, valves, risers, poles, overhead wires, and marks made on the ground by public utility locate companies and utility owners.*
 - *American Structurepoint will make a request for record utility plans, and to have public utilities marked within public rights-of-way, by notifying the Ohio Utilities Protection Service (Ohio811) prior to beginning our survey. We will not be responsible for damages resulting from a utility company who does not respond, for utilities that are not marked or that are mismarked, or for inaccurate/incomplete utility plans provided to us. Determining the depth of utilities is not a part of this scope. Private utilities will need to be marked by the owner in order to be included in the survey.*
- *Locate and measure the invert depth for storm drainage and sanitary sewer structures within and immediately adjacent to the project area.*

f. Computations

- *Process raw survey data, drafting, and creation of a surface and contours (1-foot vertical interval) for design.*
- *If existing record utility plans are provided by utility owners, supplement field located evidence of utilities with the plotting of the approximate location of buried utility lines as depicted in the plans.*
- *Using record documents found and field evidence located, analyze and determine the locations of property lines, right-of-way lines and centerlines withing the project area.*

g. Collect Existing Pavement Cores

- *Intertek PSI will obtain four pavement cores to a maximum depth of 36". A report will be prepared providing a summary of findings including existing pavement buildup.*

- h. Environmental Red Flag Review
 - Our environmental science team will prepare a red flag review for the project limits. This will allow our team to fully understand any environmental concerns, including impacts caused by excavations within the project area.
- Task 2 - Utility Coordination**
- a. Contact Utilities and Plan Request Follow-up
 - OUPS request will be made requesting existing utility field markings and existing plans. OUPS request will be made prior to the field survey being performed.
 - b. Send Basemap to Utility Companies, Update Basemap
 - Upon completion of field survey and base map preparation, a .pdf of the processed basemap will be sent to all utilities identified during the OUPS request. Utilities will be asked to verify the location of their facilities. Task includes updates to the existing basemap based on responses from utility owners.
 - c. Send 30% Plans (electronic) to Utility Companies
 - Plans will be e-mailed to utility companies requesting verification of existing utilities in relation to proposed design.
 - d. Send 60% Plans (electronic) to Utility Companies
 - Plans will be e-mailed to utility companies requesting identification of utility relocation needs and preparation of draft relocation plans.
 - e. Send 90% Plans (electronic) to Utility Companies
 - Plans will be e-mailed to utility companies requesting final relocation plans.
 - f. Send Final Plans (electronic) to Utility Companies
 - Plans will be e-mailed to utility companies requesting final relocation plans.
 - Plans will be e-mailed to utility companies for reference.
- Task 3 - 30% Submission**
- a. Site Visit to Verify Basemap
 - b. Establish Horizontal Geometrics for 1 Alternative
 - Prepare horizontal geometrics of 1 alternative showing locations of proposed travel lanes, curb and gutter, bicycle/pedestrian facilities, lighting/landscaping corridors, proposed on-street parking limits, and recommended proposed right-of-way widths.
 - c. Establish Vertical Geometrics for 1 Alternative
 - Prepare preliminary vertical profiles for 1 alternative.
 - d. Intersection Analysis
 - Traffic Counts via Streetlight
 - Typical weekday AM and PM (Tuesday, Wednesday, Thursday)
 - Saturday PM
 - Traffic Projections
 - Project traffic to the Opening Year and 20-Year Design Year. Traffic volumes will be calculated by applying a linear annual growth rate to the existing traffic volumes. The linear annual growth rate will be obtained through coordination with the Mid-Ohio Regional Planning Commission (MORPC).
 - Signal Warrant Analysis

- *Perform a Signal Warrant Analysis for utilizing the criteria found in ODOT's Traffic Engineering Manual (TEM) and the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) for Warrants 1 (8-Hour Volumes), Warrant 2 (4-Hour Volumes), and Warrant 3 (Peak Hour Volumes) for the Opening Year and 20-Year Design Year.*
 - *Capacity Analysis using Synchro (Version 11)*
 - *Perform Capacity Analysis and Queue Length Analysis for the study intersection for the following time periods and design scenarios:*
 - *Scenario 1 – No Build – Opening Year – AM, PM, and Saturday PM Peak Hours*
 - *Scenario 2 – Traffic Signal – Opening Year – AM, PM, and Saturday PM Peak Hours*
 - *Scenario 3 – Full Access Two-Way Stop Control – Opening Year – AM, PM, and Saturday PM Peak Hours*
 - *Scenario 4 – No Build – Design Year – AM, PM, and Saturday PM Peak Hours*
 - *Scenario 5 – Traffic Signal – Design Year – AM, PM, and Saturday PM Peak Hours*
 - *Scenario 6 – Full Access Two-Way Stop Control – Design Year – AM, PM, and Saturday PM Peak Hours*
 - *Intersection Memo Analysis*
 - *Develop a Traffic Impact Study that summarizes the analysis results and the recommended intersection improvements to accommodate the anticipated traffic volumes. The report will include figures which illustrate the existing and anticipated traffic volumes and intersection improvement exhibits.*
- e. Prepare Conceptual Plan and Profile Exhibit (2 sheets, 1" = 20' scale)
- *Prepare conceptual plan and profile exhibits showing existing survey and proposed improvements with dimensions.*
- f. Prepare Conceptual Typical Section Exhibits
- *Prepare typical section exhibits which will include dimensions, cross-slopes, profile grade callout, right-of-way widths at critical locations determined during design. Pavement build-up and subsurface drainage will not be provided at this stage.*
- g. Title Sheet (1 sheet)
- *Prepare title sheet with plan sheet index, project description, MOT declaration, and traffic information. Task includes updates to plan sheet index during 60% and 90% submissions and addition of standard construction drawings for 90% submission.*
- h. Schematic Plan (1 sheet, 1" = 50' scale)
- *Prepare schematic plan including project control and reference point data.*
- i. Typical Sections and Details (2 sheets)
- *Update typical sections developed as part of the conceptual phase. Task includes the addition of pavement build-up and subsurface drainage. One existing and three proposed sections anticipated.*
 - *Existing pavement build-up based on available plan information and pavement core data collected by Intertek PSI.*
 - *The proposed pavement shall be full-depth asphaltic concrete. Build up to be determined through the project development, reviewing City Code documents, existing pavement sections, ODOT 449 spec (possible Jan 2022 SS800 update), traffic loading, etc.*
- j. Plan and Profile (2 sheets, 1" = 20' scale)

- Prepare plan and profile sheets for North Depot Street following ODOT Location and Design Manual Volume 3 guidance.
 - k. Preliminary Grading Plan (2 sheets, 1" = 20' scale)
 - Prepare preliminary grading plan showing existing contours, proposed contours, and proposed construction limits.
 - l. Preliminary Lighting Coordination
 - Coordinate with proposed roadway to identify Power Source, Lighting Control Center, and Pole Locations within the proposed project area that may need additional right-of-way.
 - m. Preliminary Right-of-Way Impact Exhibit (1 sheet, 1" = 50' scale)
 - Prepare preliminary right-of-way impact exhibit showing preliminary proposed right-of-way and easement limits. Exhibit will include acreages calculated for each impacted parcel.
 - n. QA/QC
 - o. Project Management
 - p. Cost Estimate
 - Prepare preliminary cost estimate for all known project items utilizing recent project bid information on American Structurepoint designed projects. No right-of-way related acquisition costs or utility relocation costs would be prepared.
- Task 4 - 60% Submission**
- a. Preliminary Maintenance of Traffic Plan (4 sheets, 1" = 20' scale)
 - Prepare conceptual maintenance of traffic plan providing recommendation for the construction of the project while maintaining access to all parcels within the project area. Access to Nocterra Brewing and other properties along the west side of N. Depot St. will be maintained at all times.
 - b. Storm Sewer & BMP Calculations & Design
 - Prepare proposed storm sewer calculations utilizing ODOT CDSS program. Prepare BMP calculations and evaluate options to address project needs if required. Less than 1.0 acres of earth disturbed area is anticipated.
 - c. Storm Sewer Profiles (3 sheets, 1" = 20' scale)
 - Prepare storm sewer profile sheets for all proposed storm sewers within the project area.
 - d. Drainage Report
 - Prepare drainage report containing proposed drainage narrative, storm spread calculations, storm sewer calculations, BMP calculations, and storm sewer tributary map.
 - e. Cross Sections (5 sheets, 1" = 10' scale)
 - Develop Open Roads model and 50' interval cross sections for the project area. 20 cross sections are anticipated to be prepared for the project area.
 - f. Intersection Details (2 sheets, 1" = 10' scale)
 - Prepare intersection details for the intersections of N. Depot St. @ W. Powell Rd., alley between W. Powell Rd. and Scioto St., Scioto St., E. Case Ave. Task will include elevations and curb ramp details of any pedestrian facilities in vicinity of intersection.
 - g. Driveway Details (2 sheets, 1" = 10' scale)

- *Prepare driveway details for two residential driveways along the east side of N. Depot St. and commercial driveways for Nocterra Brewing along west side of N. Depot St.*
- h. Lighting Plan (4 sheets, 1" = 20' scale)
- *Lighting Analysis and Design*
 - *Perform photometric analysis using Visual software to determine the appropriate pole spacing. Coordinate with City of Powell on the type of lighting the City wants to use.*
 - *Develop voltage drop calculations.*
 - *Power service coordination with utility company*
 - *Prepare lighting plans to include:*
 - *Proposed poles*
 - *Power source*
 - *Lighting control center*
 - *Underground conduit and pull boxes*
 - *Circuit diagram*
 - *Photometric analysis*
- i. Utility Conduit Duct Plan and Profile, Details (3 sheets, 1" = 20' scale)
- *Prepare plan and profile, detail sheets for proposed utility conduit duct for the purpose of expansion of data fiber services. Duct details, including but not limited to material, size, manhole type and location, handhole type and location, shall be provided by the City of Powell.*
- j. Traffic Control Plan (2 sheets, 1" = 20' scale)
- *Prepare traffic control plan sheets detailing proposed pavement markings and signing along N. Depot St.*
- k. Grading Plan (2)
- *Updates to preliminary grading plan prepared as part of 30% submission.*
- l. Landscaping Plan (2)
- *The proposed landscaping will be limited to placement of street trees where feasible based on available green space within the right-of-way corridor. Plans will include recommended tree species identification, tree spacing, and planting notes and details.*
- m. QA/QC
- n. Project Management
- o. Cost Estimate
- *Revise cost estimate prepared as part of 30% submission based on project development.*

Task 5 - 90% Submission

- a. Final Drainage Report
- *Revise drainage report prepared as part of 60% submission based on project development.*
- b. General Notes (3 sheets)
- *Prepare general note sheets containing all necessary general notes for the project including utility contacts and as per plan item descriptions.*
- c. Maintenance of Traffic Notes & Details (3 sheets)
- *Prepare sequence of construction, project specific notes, and critical typical sections.*

d. Maintenance of Traffic Plan (2 sheets, 1" = 20' scale)

• Updates to conceptual maintenance of traffic plan prepared as part of 60% submission.

e. Lighting Plan

• Revisions per 60% Submittal City Review and disposition of comments

• Prepare lighting plan sheets that include:

○ Lighting notes

○ Lighting summary

f. General Summary (1 sheet)

g. Subsumaries (5 sheets)

• Prepare subsumaries for pavement, drainage, roadway, pavement markings, signing, lighting, and traffic signal items.

h. SWPPP and Erosion Control Plan (4 sheets, 1" = 20' scale)

• Prepare erosion control plans, notes, and details for project.

i. QA/QC

j. Project Management

k. Cost Estimate

• Revise cost estimate prepared as part of 30% submission based on project development.

Task 6 - Final Submission

a. Prepare Final Tracings Packages

• Provide one Mylar title sheet and signature sheet (if different from title sheet) (four-mil, double mat).

• Provide one set of all electronic files on USB drive in AutoCAD Release 2008 to 2022 DWG format including all supporting files (SHP, SHX, CTB, STB, etc.).

• Provide all project information electronically submitted including all base AutoCAD files including all supporting files (SHP, SHX, CTB, STB, etc.), cut sheets, calculations, PDFs of plan sheets, and one half-size set of paper originals to the City for reproduction purposes and one (1) additional half-size set.

• Provide full-size sets, as requested, to meet the City's and contractor's needs.

○ Provide final construction cost estimate including all quantity calculations in a format that can be checked for accuracy should questions arise during construction.

b. QA/QC

c. Cost Estimate

• Finalize cost estimate prepared as part of 30% submission based on project development.

Task 7 - Right-of-Way Engineering

a. Prepare legal descriptions and exhibits (8.5"x14") for each proposed right-of-way parcels and or easement required.

• Eight (8) legal descriptions and exhibits are anticipated.

b. Submit permanent right-of-way parcels to Franklin County for review and preapproval.

c. Right-of-Way Staking

- *Stake existing and proposed right-of-way lines prior to construction for the benefit of the contractor.*
- *Set iron pins with caps at new permanent right-of-way line corners after construction.*

d. Right-of-Way Negotiation Services

- *Full right-of-way negotiation and acquisition services for up to seven parcels. Total number of parcel impacts will be determined as the project progresses.*

e. Right-of-Way Acquisition Meeting (1 meeting)

Task 8 - Project Meetings & Coordination

a. Project Kickoff Meeting (1 meeting)

- *Two people to attend one project meeting at the City of Powell to kickoff the project.*

b. Interactive Plan Review Meetings prior to 30% Submission (2 meetings)

- *Two people to attend two project meetings, one at the City of Powell and one virtual in advance of 30% submission to discuss project progress and receive approval of critical geometric design decisions.*

c. 60% Submission Review Meetings (2 meetings)

- *Two people to attend two project meetings, one at the City of Powell and one virtual to discuss 60% submission review comments and disposition.*

d. 90% Submission Review Meetings (2 meetings)

- *Two people to attend two project meetings, one at the City of Powell and one virtual to discuss 90% submission review comments and disposition.*

e. Public Presentation to City Council (1 presentation)

- *One person to prepare and present one presentation to City Council summarizing proposed improvements as part of the project.*

f. Ohio EPA Coordination

- *Obtain all regulatory agency approvals and coordinate the approval of plans with the OEPA. Permit fees will be paid by the consultant and reimbursed by the City.*

g. Evaluation Potential Funding Sources

- *Identify and evaluate up to 2 possible funding opportunities, to determine feasibility of submitting an application.*

h. Prepare Funding Applications

- *Prepare and submit funding application for 1 funding source identified during the base contract for the project. Task will include preparation of project exhibits, costs, and other necessary information to comply with application requirements. Task will also include coordination with funding agency required for completion of the application.*

Task 9 - Project Bidding

a. Prepare Bid Documents

- *Prepare any necessary documents required for project bidding using the standard City of Powell construction contract. This will include but not be limited to; project exhibits, cost estimates/bid forms, supplemental*

- Revisions per 90% Submittal City Review and disposition of comments
 - d. Final Submission
 - Wiring Diagram
 - Pole orientation chart
 - Traffic signal subsummary
 - Traffic signal general notes
 - Prepare traffic signal plan sheets that include:
 - Revisions per 60% Submittal City Review and disposition of comments
 - c. 90% Submission
 - Timing chart
 - Signal phasing diagram
 - Underground conduit and pull boxes
 - Detection locations and detector chart
 - Signal head locations and types
 - Prepare traffic signal plan sheets that include:
 - Revisions per 30% Submittal City Review and disposition of comments
 - b. 60% Submission
 - Preliminary pole, controller, and power source locations
 - Prepare traffic signal plans that include:
 - Railroad Coordination for Queue Cutter Signal
 - a. 30% Submission
- Task 10 – Traffic Signal Plans (“IF AUTHORIZED”)**

“IF AUTHORIZED” TASKS

- Two people to attend one preconstruction meeting at the City of Powell.
- d. Attend Preconstruction Meeting (1 meeting)
- Convert final general summary into a bid tabulation format that can be easily filled out by interested contractors. The City of Powell shall provide sample bid tabulations used on prior City projects.
- c. Revise and Prepare Final Bid Tabulation
- Provide responses to any questions from interested contractors during pre-bid phase of project. Task includes any plan revisions necessary to comply with clear responses to questions.
- b. Response to Pre-Bid Questions
 - Provide responses to any questions from interested contractors during pre-bid phase of project. Task includes any plan revisions necessary to comply with clear responses to questions.
 - specifications, and construction drawings. The City of Powell shall provide sample bid documents used on prior City projects.

ADDITIONAL SERVICES

American Struturepoint has excluded the following items in our scope of services but can be added as modifications to the contract:

1. Feasibility Study.
2. Traffic counts, projections, and certified traffic, in addition to those stated in scope of services.
3. Geotechnical services, in addition to those stated in scope of services. (The City will provide any existing boring logs in the area as part of the basic services)
4. Preparation of additional permit applications to the OEPA or other local, state, or federal agencies not mentioned above in this proposal.
5. Environmental services, in addition to those stated in scope of services. Including, but not limited to, field work/surveys, studies, permitting, applications, and coordination with FEMA, ACOE, or any other agency.
6. Tree preservation plans.
7. Utility relocation plans other than as to grade adjustments to water valves and sanitary manholes and minor spot lowerings and fire hydrant relocations.
8. Construction staking.
9. Independent appraisal of parcels to be acquired.
10. Ongoing services during construction, including shop drawing review.
11. As-builts.
12. Design Exception request.
13. Public education.

2.0 Fee

American Structurepoint estimates the following fees to complete the above-described scope of services. The following sheets show a detailed breakdown. The detailed fee proposal is shown in **Attachment A**.

Task 1 – Field Survey/Base Map Preparation and Preliminary Field Review	\$25,193
Task 2 – Utility Coordination.....	\$4,365
Task 3 – 30% Submission	\$78,885
Task 4 – 60% Submission	\$84,757
Task 5 – 90% Submission	\$46,298
Task 6 – Final Submission.....	\$12,455
Task 7 – Right-of-Way Engineering.....	\$44,425
Task 8 – Project Meetings & Coordination	\$22,866
Task 9 – Project Bidding.....	\$7,949
Subtotal Base Contract.....	\$327,192
“If Authorized” Tasks	
Task 10 – Traffic Signal Plans	\$22,773
Grand Total including “If Authorized”.....	\$349,965

Attachment A

ENGINEERING AND TECHNICAL SERVICE COST PRICE PROPOSAL

For

North Depot Street Reconstruction

Prepared for City of Powell

Prepared by American Structurepoint, Inc.

Task Description	Hourly Rate	Total Hours	Labor Costs	Overhead Costs	Cost of Money	Direct Costs	Subconsultant Costs	Net Fee	Total Cost
<p>1. Field Survey/Base Map Preparation and Preliminary Field Review</p>									
a. Research	\$39.80	5	\$199	\$369	\$1	\$0	\$0	\$62	\$631
b. Survey Control	\$76.60	10	\$766	\$1,419	\$4	\$0	\$0	\$240	\$2,430
c. Property Corner Tie-In	\$77.17	12	\$926	\$1,716	\$5	\$0	\$0	\$291	\$2,937
d. Topographic Survey	\$76.12	25	\$1,903	\$3,526	\$10	\$0	\$0	\$597	\$6,037
e. Utilities, Sewers, and Drain Pipes	\$73.70	10	\$737	\$1,366	\$4	\$0	\$0	\$231	\$2,338
f. Computations	\$45.15	26	\$1,174	\$2,175	\$6	\$0	\$0	\$368	\$3,724
g. Collect Existing Pavement Cores		0	\$0	\$0	\$0	\$0	\$4,100	\$0	\$4,100
h. Environmental Red Flag Review	#DIV/0!	20	\$920	\$1,705	\$5	\$78	\$0	\$289	\$2,996
Subtotal Field Survey/Base Map Preparation and Preliminary Field Review	\$61.34	108	\$6,625	\$12,275	\$36	\$78	\$4,100	\$2,079	\$25,193
	(AVE)								
<p>2. Utility Coordination</p>									
a. Contact Utilities and Plan Request Follow-up	\$44.50	4	\$178	\$330	\$1	\$0	\$0	\$56	\$565
b. Send Basemap to Utility Companies, Update Basemap	\$48.60	10	\$486	\$901	\$3	\$0	\$0	\$153	\$1,542
c. Send 30% Plans (electronic) to Utility Companies	\$44.50	4	\$178	\$330	\$1	\$0	\$0	\$56	\$565
d. Send 60% Plans (electronic) to Utility Companies	\$44.50	4	\$178	\$330	\$1	\$0	\$0	\$56	\$565
e. Send 90% Plans (electronic) to Utility Companies	\$44.50	4	\$178	\$330	\$1	\$0	\$0	\$56	\$565
f. Send Final Plans (electronic) to Utility Companies	\$44.50	4	\$178	\$330	\$1	\$0	\$0	\$56	\$565
Subtotal Utility Coordination	\$45.87	30	\$1,376	\$2,550	\$7	\$0	\$0	\$432	\$4,365
	(AVE)								
<p>3. 30% Submission</p>									
a. Site Visit to Verify Basemap	\$62.50	6	\$375	\$695	\$2	\$0	\$0	\$118	\$1,190
b. Establish Horizontal Geometrics for 1 Alternative	\$52.07	58	\$3,020	\$5,596	\$16	\$0	\$0	\$948	\$9,580
c. Establish Vertical Geometrics for 1 Alternative	\$51.78	36	\$1,864	\$3,454	\$10	\$0	\$0	\$585	\$5,913
d. Prepare Intersection Analysis	\$55.14	100	\$5,514	\$10,217	\$30	\$0	\$0	\$1,730	\$17,491
e. Prepare Conceptual Plan and Profile Exhibit	\$51.71	28	\$1,448	\$2,683	\$8	\$0	\$0	\$454	\$4,593
f. Prepare Conceptual Typical Section Exhibit	\$51.82	22	\$1,140	\$2,112	\$6	\$0	\$0	\$358	\$3,616
g. Title Sheet (1)	\$45.88	16	\$734	\$1,360	\$4	\$0	\$0	\$230	\$2,328
h. Schematic Plan (1)	\$43.83	24	\$1,052	\$1,949	\$6	\$0	\$0	\$330	\$3,337
i. Typical Sections and Details (2)	\$45.88	16	\$734	\$1,360	\$4	\$0	\$0	\$230	\$2,328
j. Plan and Profile (2)	\$48.94	64	\$3,132	\$5,803	\$17	\$0	\$0	\$983	\$9,935
k. Preliminary Grading Plan (2)	\$45.88	16	\$734	\$1,360	\$4	\$0	\$0	\$230	\$2,328
l. Preliminary Lighting Coordination	\$58.25	8	\$466	\$863	\$3	\$0	\$0	\$146	\$1,478
m. Preliminary Right-of-Way Impact Exhibit (1)	\$45.88	16	\$734	\$1,360	\$4	\$0	\$0	\$230	\$2,328
n. QA/QC	\$71.00	24	\$1,704	\$3,157	\$9	\$0	\$0	\$535	\$5,405
o. Project Management	\$71.00	24	\$1,704	\$3,157	\$9	\$150	\$0	\$535	\$5,555
p. Cost Estimate	\$58.25	8	\$466	\$863	\$3	\$0	\$0	\$146	\$1,478
Subtotal 30% Submission	\$53.26	466	\$24,821	\$45,991	\$134	\$150	\$0	\$7,789	\$78,885
	(AVE)								
<p>4. 60% Submission</p>									
a. Preliminary Maintenance of Traffic Plan (4)	\$53.00	24	\$1,248	\$2,312	\$7	\$0	\$0	\$392	\$3,959
b. Storm Sewer & BMP Calculations & Design	\$3.00	60	\$180	\$5,892	\$17	\$0	\$0	\$998	\$10,087
c. Storm Sewer Profiles (3)	\$52.00	24	\$1,248	\$2,312	\$7	\$0	\$0	\$392	\$3,959
d. Drainage Report	\$60.78	18	\$1,094	\$2,027	\$6	\$0	\$0	\$343	\$3,470
e. Cross Sections (5)	\$51.63	54	\$2,788	\$5,166	\$15	\$0	\$0	\$875	\$8,844
f. Intersection Details (2)	\$51.82	44	\$2,280	\$4,225	\$12	\$0	\$0	\$716	\$7,232
g. Driveway Details (2)	\$45.88	16	\$734	\$1,360	\$4	\$0	\$0	\$230	\$2,328

Attachment A

ENGINEERING AND TECHNICAL SERVICE COST PRICE PROPOSAL

For

North Depot Street Reconstruction

Prepared for City of Powell

Prepared by American Structurepoint, Inc.

Task Description	Hourly Rate	Total Hours	Labor Costs	Overhead Costs	Cost of Money	Direct Costs	Subconsultant Costs	Net Fee	Total Cost
<div style="display: flex; justify-content: space-between;"> Overhead Percentage = 185.29% </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Net Fee Percentage = 11.00% </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Cost of Money = 0.54% </div>									
5. 90% Submission									
h. Lighting Plan (4)	\$53.05	74	\$3,926	\$7,274	\$21	\$0	\$0	\$1,232	\$12,454
i. Utility Conduit Duct Plan and Profile, Details (3)	\$51.87	30	\$1,556	\$2,883	\$8	\$0	\$0	\$488	\$4,936
j. Traffic Control Plan (2)	\$51.65	34	\$1,756	\$3,254	\$9	\$0	\$0	\$551	\$5,570
k. Grading Plan (2)	\$62.00	8	\$416	\$771	\$2	\$0	\$0	\$131	\$1,320
l. Landscaping Plan (2)	\$51.54	52	\$2,680	\$4,966	\$14	\$0	\$0	\$841	\$8,501
m. QA/QC	\$71.00	24	\$1,704	\$3,157	\$9	\$0	\$0	\$335	\$3,405
n. Project Management	\$71.00	24	\$1,704	\$3,157	\$9	\$150	\$0	\$535	\$5,555
o. Cost Estimate	\$59.67	6	\$356	\$663	\$2	\$0	\$0	\$112	\$1,136
	\$54.21	492	\$26,672	\$49,421	\$144	\$150	\$0	\$8,370	\$84,757
	(AVE)								
6. Final Submission									
a. Final Drainage Report	\$59.50	8	\$476	\$882	\$3	\$0	\$0	\$149	\$1,510
b. General Notes (2)	\$52.00	24	\$1,248	\$2,312	\$7	\$0	\$0	\$392	\$3,959
c. Maintenance of Traffic Notes & Details (3)	\$52.00	24	\$1,248	\$2,312	\$7	\$0	\$0	\$392	\$3,959
d. Maintenance of Traffic Plan (2)	\$52.00	24	\$1,248	\$2,312	\$7	\$0	\$0	\$392	\$3,959
e. Lighting Plan (4)	\$52.21	56	\$2,924	\$5,418	\$16	\$0	\$0	\$918	\$9,275
f. General Summary (1)	\$43.44	18	\$782	\$1,449	\$4	\$0	\$0	\$245	\$2,481
g. Subsumaries (5)	\$42.92	48	\$2,060	\$3,817	\$11	\$0	\$0	\$646	\$6,535
h. SWPPP and Erosion Control Plan (4)	\$51.65	34	\$1,756	\$3,254	\$9	\$0	\$0	\$551	\$5,570
i. QA/QC	\$71.00	18	\$1,278	\$2,368	\$7	\$0	\$0	\$401	\$4,054
j. Project Management	\$71.00	18	\$1,278	\$2,368	\$7	\$150	\$0	\$401	\$4,204
k. Cost Estimate	\$62.50	4	\$250	\$463	\$1	\$0	\$0	\$78	\$793
	\$52.71	276	\$14,548	\$26,956	\$79	\$150	\$0	\$4,565	\$46,298
	(AVE)								
7. Right-of-Way Engineering									
a. Prepare Descriptions & Exhibits	\$43.67	24	\$1,048	\$1,942	\$6	\$0	\$0	\$329	\$3,324
b. Submit to county for review	\$34.00	2	\$68	\$126	\$0	\$0	\$0	\$21	\$216
c. Right-of-Way Staking	\$70.09	22	\$1,542	\$2,857	\$8	\$0	\$0	\$484	\$4,891
d. Right-of-Way Negotiation Services	#DIV/0!	0	\$0	\$0	\$0	\$0	\$35,200	\$0	\$35,200
e. Right-of-Way Acquisition Meeting (1 meeting)	\$62.50	4	\$250	\$463	\$1	\$0	\$0	\$78	\$793
	\$55.92	52	\$2,908	\$5,388	\$16	\$0	\$35,200	\$913	\$44,425
	(AVE)								
8. Project Meetings & Coordination									
a. Project Kickoff Meeting (1 meeting)	\$62.50	4	\$250	\$463	\$1	\$0	\$0	\$78	\$843
b. Interactive Plan Review Meetings prior to 30% Submission (2 meetings)	\$62.50	8	\$500	\$926	\$3	\$0	\$0	\$157	\$1,636
c. 60% Submission Review Meetings (2 meetings)	\$62.50	8	\$500	\$926	\$3	\$0	\$0	\$157	\$1,636
d. 90% Submission Review Meetings (2 meetings)	\$62.50	8	\$500	\$926	\$3	\$0	\$0	\$157	\$1,636
e. Public Presentation to City Council (1 presentation)	\$71.00	2	\$142	\$263	\$1	\$0	\$0	\$45	\$500
f. Ohio EPA Coordination	\$58.20	20	\$1,164	\$2,157	\$6	\$0	\$0	\$365	\$3,692
g. Evaluation Potential Funding Sources	\$60.78	18	\$1,094	\$2,027	\$6	\$0	\$0	\$343	\$3,470
h. Prepare Funding Applications	\$61.42	48	\$2,948	\$5,462	\$16	\$100	\$0	\$925	\$9,451

Attachment A

ENGINEERING AND TECHNICAL SERVICE COST PRICE PROPOSAL

For

North Depot Street Reconstruction

Prepared for City of Powell

Prepared by American Structurepoint, Inc.

Task Description	Hourly Rate	Total Hours	Labor Costs	Overhead Costs	Cost of Money	Direct Costs	Subconsultant Costs	Net Fee	Total Cost
Subtotal Project Meetings	\$61.19 (AVE)	116	\$7,098	\$13,152	\$38	\$350	\$0	\$2,227	\$22,866
9. Project Bidding									
a. Prepare Bid Documents	\$57.09	22	\$1,256	\$2,327	\$7	\$0	\$0	\$394	\$3,984
b. Response to Pre-Bid Questions	\$62.50	12	\$750	\$1,390	\$4	\$0	\$0	\$235	\$2,379
c. Revise and Prepare Final Bid Tabulation	\$62.50	4	\$250	\$463	\$1	\$0	\$0	\$78	\$793
d. Attend Preconstruction Meeting (1 meeting)	\$62.50	4	\$250	\$463	\$1	\$0	\$0	\$78	\$793
Subtotal Project Bidding	\$59.67 (AVE)	42	\$2,506	\$4,643	\$14	\$0	\$0	\$786	\$7,949
TOTAL BASE CONTRACT									
		1,655	\$90,433	\$167,563	\$488	\$1,028	\$39,300	\$28,380	\$327,192
"IF AUTHORIZED" WORK									
10. Traffic Signal Plans									
a. 30% Submission	\$57.18	22	\$1,258	\$2,331	\$7	\$0	\$0	\$395	\$3,991
b. 60% Submission	\$43.86	56	\$2,456	\$4,551	\$13	\$0	\$0	\$771	\$7,791
c. 90% Submission	\$48.28	58	\$2,800	\$5,188	\$15	\$0	\$0	\$879	\$8,882
d. Final Submission	\$51.15	13	\$665	\$1,232	\$4	\$0	\$0	\$209	\$2,109
Subtotal Traffic Signal Plans	\$48.18 (AVE)	149	\$7,179	\$13,302	\$39	\$0	\$0	\$2,253	\$22,773
TOTAL "IF AUTHORIZED" WORK									
		149	\$7,179	\$13,302	\$39	\$0	\$0	\$2,253	\$22,773
GRAND TOTAL ALL AUTHORIZED AND "IF AUTHORIZED" WORK									
		1,804	\$97,612	\$180,865	\$527	\$1,028	\$39,300	\$30,633	\$349,965

Attachment A

DETAILED BREAKDOWN OF PROPOSED TOTAL HOURS, PERSONNEL CATEGORIES, AND LABOR RATES FOR North Depot Street Reconstruction Prepared for City of Powell Prepared by American Structurepoint, Inc. HOURLY RATES

Task Description	Principal	Project Manager	Senior Engineer	Project Engineer	Staff Engineer	2-Person Field Crew	Enviro. Specialist	Staff Scientist	Registered Land Surv.	Survey Techn.	Total Hours	Labor Costs
1. Field Survey/Base Map Preparation and Preliminary Field Review												
a. Research												
b. Survey Control												
c. Property Corner Tie-In		Principal	\$90,000						Staff Engineer	\$35,000		
d. Topographic Survey		Project Manager	\$71,000			8			Registered Land Surv.	\$63,000	1	\$766
e. Utilities, Sewers, and Drain Pipes		Senior Engineer	\$65,000			10			Survey Tech.	\$34,000	2	\$266
f. Computations		Project Engineer	\$54,000			20	4		2-Person Field Crew	\$60,000	12	\$926
g. Collect Existing Pavement Cores						8			Enviro. Specialist	\$60,000	1	\$1,903
h. Environmental Red Flag Review									Staff Scientist	\$32,000	1	\$737
Subtotal Field Survey/Base Map Preparation and Preliminary Field Review	0	0	0	0	0	46	14	10	10	17	21	\$6,625
2. Utility Coordination												
a. Contact Utilities and Plan Request Follow-up												
b. Send Basemap to Utility Companies, Update Basemap			2		2						4	\$178
c. Send 30% Plans (electronic) to Utility Companies					4						10	\$486
d. Send 60% Plans (electronic) to Utility Companies					2						4	\$178
e. Send 90% Plans (electronic) to Utility Companies					2						4	\$178
f. Send Final Plans (electronic) to Utility Companies					2						4	\$178
Subtotal Utility Coordination	0	0	2	14	14	0	0	0	0	0	30	\$1,376
3. 30% Submission												
a. Site Visit to Verify Basemap												
b. Establish Horizontal Geometrics for 1 Alternative			3		3						6	\$375
c. Establish Vertical Geometrics for 1 Alternative			14		30						58	\$3,020
d. Prepare Intersection Analysis			10		16						36	\$1,864
e. Prepare Conceptual Plan and Profile Exhibit			8	36	34	22					100	\$5,514
f. Prepare Conceptual Typical Section Exhibit			6	8	10	8					28	\$1,448
g. Title Sheet (1)			2	2	8	8					16	\$734
h. Schematic Plan (1)			2	2	8	14					24	\$1,052
i. Typical Sections and Details (2)			2	2	6	8					16	\$734
j. Plan and Profile (2)			12	28	28	24					64	\$3,132
k. Preliminary Grading Plan (2)			2	2	6	8					16	\$734
l. Preliminary Lighting Coordination			2	2	6	8					8	\$466
m. Preliminary Right-of-Way Impact Exhibit (1)			24	2	6	8					16	\$734
n. QA/QC			24	24	6	8					24	\$1,704
o. Project Management			2	2	6	8					24	\$1,704
p. Cost Estimate			63	96	177	130					8	\$466
Subtotal 30% Submission	0		63	96	177	130	0	0	0	0	466	\$24,821
4. 60% Submission												
a. Preliminary Maintenance of Traffic Plan (4)			6	6	12	6					24	\$1,248
b. Storm Sewer & BMP Calculations & Design			4	16	24	16					60	\$3,180
c. Storm Sewer Profiles (3)			6	6	12	6					24	\$1,248
d. Drainage Report			8	8	8	8					18	\$1,094
e. Cross Sections (5)			16	22	22	16					54	\$2,788
f. Intersection Details (2)			12	20	20	12					44	\$2,280
g. Driveaway Details (2)			2	6	6	8					16	\$734
h. Lighting Plan (4)			4	22	28	20					74	\$3,926

Attachment A

DETAILED BREAKDOWN OF PROPOSED TOTAL HOURS, PERSONNEL CATEGORIES, AND LABOR RATES FOR North Depot Street Reconstruction Prepared for City of Powell Prepared by American Structurepoint, Inc. HOURLY RATES

Task Description	Principal		Senior Engineer		Project Engineer		Staff Engineer		2-Person Field Crew		Staff Scientist		Registered Land Surv.		Survey Tech.		Labor Costs	
	Principal	Project Manager	Senior Engineer	Project Engineer	Staff Engineer	2-Person Field Crew	Staff Scientist	Registered Land Surv.	Survey Tech.	Total Hours	Total	Hours	Costs					
i. Utility Conduit Duct Plan and Profile, Details (3)			8	14	8													\$1,556
j. Traffic Control Plan (2)			10	14	10													\$1,756
k. Grading Plan (2)			2	4	2													\$416
l. Landscaping Plan (2)			16	20	16													\$2,680
m. QA/QC		24																\$1,704
n. Project Management		24																\$1,704
o. Cost Estimate		2																\$358
Subtotal 60% Submission	0	60	124	188	120	0	0	0	0	0	0	0	0	0	0	0	492	\$26,672
5. 90% Submission																		
a. Final Drainage Report			4	4	4													\$476
b. General Notes (2)			6	12	6													\$1,248
c. Maintenance of Traffic Notes & Details (3)			6	12	6													\$1,248
d. Maintenance of Traffic Plan (2)			6	12	6													\$1,248
e. Lighting Plan (4)		2	12	28	14													\$2,924
f. General Summary (1)				8	10													\$782
g. Subsumaries (5)				20	28													\$2,060
h. SWPPP and Erosion Control Plan (4)			10	14	10													\$1,756
i. QA/QC		18																\$1,278
j. Project Management		18																\$250
k. Cost Estimate		2			2													\$4
Subtotal 90% Submission	0	40	44	112	80	0	0	0	0	0	0	0	0	0	0	0	276	\$14,548
6. Final Submission																		
a. Prepare Final Tracings Package			16	22	16													\$2,788
b. Prepare Final Lighting Tracings Package		1	2	6	4													\$665
c. QA/QC		4																\$284
d. Cost Estimate		2																\$142
Subtotal Final Submission	0	7	18	28	20	0	0	0	0	0	0	0	0	0	0	0	73	\$3,879
7. Right-of-Way Engineering																		
a. Prepare Descriptions & Exhibits																		
b. Submit to county for review																		
c. Right-of-Way Staking									16									
d. Right-of-Way Negotiation Services		2	2	2	0													\$0
e. Right-of-Way Acquisition Meeting (1 meeting)		2	0	2	0				16									\$250
Subtotal Right-of-Way Engineering	0	2	0	2	0	0	0	0	16	0	0	0	0	10	22	0	52	\$2,908
8. Project Meetings & Coordination																		
a. Project Kickoff Meeting (1 meeting)		2		2	2													\$250
b. Interactive Plan Review Meetings (2 meetings)		4		4	4													\$500
c. 60% Submission Review Meetings (2 meetings)		4		4	4													\$500
d. 90% Submission Review Meetings (2 meetings)		4		4	4													\$500
e. Public Presentation to City Council (1 presentation)		2		8	8	2												\$142
f. Ohio EPA Coordination		2		8	8	2												\$1,164
g. Evaluation Potential Funding Sources		2		8	8	2												\$1,094
h. Prepare Funding Applications		8		20	20	2												\$2,948
Subtotal Project Meetings	0	28	36	50	2	0	0	0	0	0	0	0	0	0	0	0	116	\$7,098

Attachment A

**DETAILED BREAKDOWN OF PROPOSED TOTAL HOURS, PERSONNEL CATEGORIES,
AND LABOR RATES FOR
North Depot Street Reconstruction
Prepared for City of Powell
Prepared by American Structurepoint, Inc.
HOURLY RATES**

Task Description	Principal	Project Manager	Senior Engineer	Project Engineer	Staff Engineer	2-Person Field Crew	Enviro. Specialist	Staff Scientist	Registered Land Surv.	Survey Tech.	Total Hours	Labor Costs		
		Principal Project Manager Senior Engineer Project Engineer	\$90.00 \$71.00 \$65.00 \$54.00		2-Person Field Crew Enviro. Specialist Staff Scientist	\$35.00 \$80.00 \$32.00			Registered Land Surv. Survey Tech.	\$63.00 \$34.00				
9. Project Bidding														
a. Prepare Bid Documents		4	9	2	6						22	\$1,256		
b. Response to Pre-Bid Questions		6	12	14	28						12	\$750		
c. Revise and Prepare Final Bid Tabulation		2	2	2	4						4	\$250		
d. Attend Preconstruction Meeting (1 meeting)		2	2	2	4						4	\$250		
		Subtotal Project Bidding	0	14	0	28	0	0	0	0	42	\$2,506		
		TOTAL BASE CONTRACT	0	214	320	599	366	62	14	10	27	43	1,655	\$90,433
"IF AUTHORIZED" WORK														
10. Traffic Signal Plans														
a. 30% Submission		5	9	2	6						22	\$1,258		
b. 60% Submission		1	9	10	36						56	\$2,456		
c. 90% Submission		4	12	14	28						58	\$2,800		
d. Final Submission		1	2	6	4						13	\$665		
		Subtotal Traffic Signal Plans	0	11	32	32	74	0	0	0	149	\$7,179		
		TOTAL "IF AUTHORIZED" WORK	0	11	32	32	74	0	0	0	149	\$7,179		
		GRAND TOTAL ALL AUTHORIZED AND "IF AUTHORIZED" WORK	0	225	352	631	440	62	14	10	27	43	1,804	\$97,612