

VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL MEETING
JULY 2, 2013 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
Sterling Road Storm Sewer (SW-077)	Resolution Ordinance ✓ Motion Discussion Only	Nan Newlon, P.E. Director of Public Works

SYNOPSIS

A motion is requested to award a contract for the Sterling Road Storm Sewer project to Archon Construction Company Inc. of Addison, Illinois in the amount of \$261,464.40.

STRATEGIC PLAN ALIGNMENT

The Goals for 2011 to 2018 identified *Top Quality Infrastructure*.

FISCAL IMPACT

This project was scheduled for construction in 2014. Staff recommends construction in 2013. There is sufficient budget authority in the Stormwater Fund for this project.

UPDATE & RECOMMENDATION

This item was discussed at the June 18, 2013 Village Council meeting. Staff recommends approval on the July 2, 2013 consent agenda.

BACKGROUND

The scope of the project includes the installation of storm sewers and catch basins on Sterling Road between 41st Street and 40th Street.

The existing low spot on Sterling Road currently drains via an 8" clay drintile pipe that runs through private properties located on Sterling Road and Glendenning Road. The existing 8" clay drintile, which is in very poor condition, surcharges frequently, causing erosion and yard flooding. The new storm sewer system will restore drainage in the right-of-way, which will decrease the frequency of flooding/erosion on private property.

A Call for Bids (CFB) was issued and published in accordance with the Village's Purchasing Policy. Two bids were received by the due date of May 24, 2013. A synopsis of the bids is as follows:

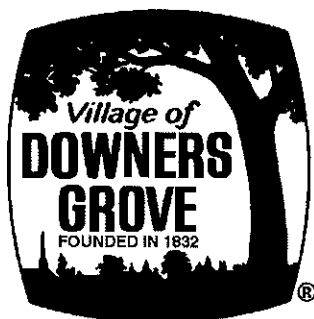
<u>Contractor</u>	<u>Bid</u>	
Archon Construction Co. Inc.	\$261,464.40	Low Bid
J Congdon Sewer Service, Inc.	\$285,000.00	

Staff recommends award of this contract to Archon Construction Company, Inc. Archon Construction Co. Inc. has satisfactorily completed projects of similar scope for the Village of Westmont, Village of Palatine, City of Countryside, and the Downers Grove Sanitary District.

ATTACHMENTS

Contract Documents

Capital Project Sheets SW-077



CALL FOR BIDS – FIXED WORKS PROJECT

- I. Name of Company Bidding: Archon Construction Co Inc
- II. Instructions and Specifications:
- A. Bid No.: ST-077-13
 - B. For: STERLING ROAD STORM SEWER
 - C. Bid Opening Date/Time: FRIDAY, MAY 24, 2013 @ 10:00AM
 - D. Pre-Bid Conference Date/Time: WEDNESDAY, MAY 22, 2013 @ 10:00AM [MANDATORY]
 - E. Pre-Bid Conference Location: PUBLIC WORKS BUILDING, 5101 WALNUT AVENUE, DOWNERS GROVE, IL 60515
- III. Required of All Bidders:
- A. Bid Deposit: 5%
 - B. Letter of Capability of Acquiring Performance Bond: YES
- IV. Required of Awarded Contractor(s)
- A. Performance Bond or Letter of Credit: YES
 - B. Certificate of Insurance: YES

Legal Advertisement Published: WEDNESDAY, MAY 15, 2013

This document comprises 63 pages

RETURN ORIGINAL BID IN SEALED ENVELOPE MARKED WITH THE BID NUMBER AS NOTED ABOVE TO:

JIM TOCK, P.E.
STAFF ENGINEER
VILLAGE OF DOWNERS GROVE
5101 WALNUT AVENUE
DOWNERS GROVE, IL 60515
PHONE: 630/434-2453
FAX: 630/434-5495
www.downers.us

CALL FOR BIDS – FIXED WORKS PROJECT

Bid No.: SW-077-13

The VILLAGE OF DOWNERS GROVE will receive bids Monday thru Friday, 8:00 A.M. to 5:00 P.M. at the Public Works Building, 5101 Walnut Avenue, Downers Grove, IL 60515.

The Village Council reserves the right to accept or reject any and all bids, to waive technicalities and to accept or reject any item of any Bid.

The documents constituting component parts of this Contract are the following:

- I. CALL FOR BIDS
- II. TERMS & CONDITIONS
- III. GENERAL PROVISIONS
- IV. SPECIAL PROVISIONS
- V. BID & CONTRACT FORM

All Bidders MUST submit the entire bid package, with one original Bid Form. Upon formal Award, the successful Bid will automatically convert to a Contract, and the successful Bidder will receive a copy of the executed contract upon formal award of the Bid with the Notice of Award.

DO NOT DETACH ANY PORTION OF THIS DOCUMENT. INVALIDATION COULD RESULT.

I. CALL FOR BIDS and INSTRUCTIONS TO BIDDERS

1. GENERAL

- 1.1 Notice is hereby given that Village of Downers Grove will receive sealed bids up to:
MAY 24, 2013 @ 10:00AM
- 1.2 Defined Terms:
 - 1.2.1 Village – the Village of Downers Grove acting through its officers or agents.
 - 1.2.2 Contract Documents – this document plus any drawings issued therewith, any addenda and the Bidder's completed proposal, bonds and all required certifications.
 - 1.2.3 Bid – this document completed by an individual or entity and submitted to the Village.
 - 1.2.4 Bidder – the individual or entity who submits or intends to submit a bid proposal to the Village.
 - 1.2.5 Contractor – the individual or entity whose bid is selected by the Village and who enters into a contract with the Village.
 - 1.2.6 Work – the construction or service defined herein.
 - 1.2.7 Day – unless otherwise stated all references to day "Day" "Days", "day" or "days" shall refer to calendar days.
 - 1.2.8 Proposal Guaranty – the required bid deposit.
- 1.3 Bids must be received at the Village by the time and date specified. Bids received after the specified time and date will not be accepted and will be returned unopened to the Bidder.
- 1.4 Bids shall be sent to the Village of Downers Grove, ATTN: Jim Tock, in a sealed envelope marked "SEALED BID". The envelope shall be marked with the name of the project, date, and time set for receipt of Bids. The bid package may be submitted any time prior to the time set for receipt of Bids.
- 1.5 All Bids must be submitted on the forms supplied by the Village and signed by a proper official of the company submitting the Bid. Telephone, email and fax Bids will not be accepted.
- 1.6 Under penalty of perjury, the Bidder certifies by submitting this Bid that he has not acted in collusion with any other Bidder or potential Bidder.

2. BID PREPARATION

- 2.1 It is the responsibility of the Bidder to carefully examine the Contract Documents and to be familiar with all of the requirements, stipulations, provisions, and conditions surrounding the proposed Work.
- 2.2 The Bidder shall inspect the site of the proposed Work in detail, investigate and become familiar with all the local conditions affecting the Work and become fully acquainted with the detailed requirements

of the Work. Submitting a Bid shall be a conclusive assurance and warranty that the Bidder has made these examinations and that the Bidder understands all requirements for the performance of the Work. If the Bid is accepted, the Bidder will be responsible for all errors in the Bid resulting from his willing or neglectful failure to comply with these instructions. IN NO CASE WILL THE VILLAGE BE RESPONSIBLE FOR ANY COSTS, EXPENSES, LOSSES OR CHANGES IN ANTICIPATED MARGINS OF PROFIT RESULTING FROM THE WILLING OR NEGLECTFUL FAILURE OF THE BIDDER TO MAKE THESE EXAMINATIONS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR ANY COSTS, EXPENSES, LOSSES OR CHANGES IN ANTICIPATED MARGINS OF PROFIT RESULTING FROM THE WILLING OR NEGLECTFUL FAILURE OF THE CONTRACTOR TO PROVIDE THE KNOWLEDGE, EXPERIENCE AND ABILITY TO PERFORM THE WORK REQUIRED BY THIS CONTRACT. No changes in the prices, quantities or contract provisions shall be made to accommodate the inadequacies of the Bidder, which might be discovered subsequent to award of contract. The Bidder shall take no advantage of any error or omission in the Contract Documents nor shall any error or omission in the Contract Documents serve as the basis for an adjustment of the amounts paid to the Bidder.

- 2.3 When the Contract Documents include information pertaining to subsurface explorations, borings, test pits, and other preliminary investigations, such information is included solely for the convenience of the Bidder. *The Village assumes no responsibility whatsoever with respect to the sufficiency of the information, and does not warrant, neither expressly nor by implication, that the conditions indicated represent those existing throughout the Work, or that unanticipated developments may not occur.*
- 2.4 Any information shown in the Contract Documents regarding the locations of underground utility facilities is included solely for the convenience of the Bidder. The Village assumes no responsibility whatsoever with respect to the sufficiency, accuracy or inadequacy of such information. It shall be the Bidder's responsibility to obtain detailed information from the respective utility companies relating to the location of their facilities and the work schedules of the utility companies for removing or adjusting them. Utilities whose facilities may be affected by the work include, but may not be limited to, the following: Nicor, ComEd, SBC, Comcast Cable, Downers Grove Sanitary District, and Village water, storm sewer, and street lighting systems.
- 2.5 No oral or telephone interpretations of specifications shall be binding upon the Village. All requests for interpretations or clarifications shall be made in writing and received by the Village at least five (5) business days prior to the date set for receipt of Bids or the pre-bid conference, if offered. The Village shall make all changes or interpretations of the Contract Documents in a written addendum and shall provide an addendum to any Bidder of record. Any and all changes to the Contract Documents are valid only if they are included by written addendum to all Bidders. Each Bidder must acknowledge receipt of any addenda by indicating same on the Bid Form. Each Bidder, by acknowledging receipt of any addenda, is responsible for the contents of the addenda and any changes to the Bid therein. Failure to acknowledge any addenda may cause the Bid to be rejected. The Village will not assume responsibility for receipt of any addenda. In all cases, it will be the Bidder's responsibility to obtain all addenda issued. Bidders will provide written acknowledgement of receipt of each addendum issued with the bid submission.
- 2.6 An estimate of the quantities of Work to be performed and the materials to be furnished is shown in the Bid Form. It is given as a basis for comparing the properly submitted Bids, and shall be used by the Village in awarding the Contract. The Village does not expressly warrant nor imply that the

estimated quantities shown will correspond with those quantities required to perform the Work. No Bidder shall plead misunderstanding or deception because of such an estimate of quantities, or because of the character, location or other conditions pertaining to the Work. Payment shall be based on the actual quantities of work properly performed in accordance with the Contract, at the Contract unit prices specified. The Village reserves the right to increase, decrease or omit entirely, any or all items. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities.

- 2.7 The Bidder must submit his Bid on the form furnished by the Village. The Bid shall be executed properly, and Bids shall be made for all items indicated in the Bid Form. The Bidder shall indicate, in figures, a unit price or lump sum price for each of the separate items called for in the Bid Form. The Bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose. The gross sum shown in the place indicated in the Bid Form shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the Bidder, which shall be written with ink.
- 2.8 In case of error in the extension of prices in the Bid, the hourly rate or unit price will govern. In case of discrepancy in the price between the written and numerical amounts, the written amount will govern.
- 2.9 All costs incurred in the preparation, submission, and/or presentation of any Bid including the Bidder's travel or personal expenses shall be the sole responsibility of the Bidder and will not be reimbursed by the Village.
- 2.10 The Bidder hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items, as well as the materials to be furnished in accordance with the collective requirements of the Contract Documents. The Bidder also affirms that this cost includes all insurance, bonds, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, profits and other work, services and conditions necessarily involved in the work to be done.
- 2.11 The Bidder shall complete and submit with the Bid an "Affidavit" (IDOT Form BC-57, or similar) listing all uncompleted contracts, including subcontract work; all pending low bids not yet awarded or rejected, and equipment available.
- 2.12 The Bidder shall complete and submit with the Bid a "Municipal Reference List" indicating other municipalities for which the Bidder has successfully performed similar work.

3. PRE-BID CONFERENCE

- 3.1 A pre-bid conference may be offered to provide additional information, inspection or review of current facilities or equipment, and to provide an open forum for questions from Bidders. This pre-bid conference is not mandatory (unless stated "Mandatory" on the cover of this document), but attendance by Bidders is strongly advised as this will be the last opportunity to ask questions concerning the Bid.
- 3.2 Questions may be posed in writing to the Village (faxed and emailed questions are acceptable), but must be received by the Village prior to the scheduled time for the pre-bid conference. Questions

received will be considered at the conference. An addendum may be issued as a result of the pre-bid conference. Such an addendum is subject to the provisions for issuance of an addendum as set forth in Section 2.5 above.

- 3.3 No Contract Documents will be issued after the pre-bid conference except to attendees.

4. BID SUBMISSION

- 4.1 An original copy of the sealed bid marked as indicated in Section 1 shall be submitted to the Village.

- 4.2 A bid deposit will be required, which shall not exceed ten percent (10%) of the estimated cost of the work to be furnished. Such bid deposit shall be in the form of a bid bond, certified check, cash or money order. Checks shall be drawn upon a bank of good standing payable to the order of the Village and said deposit shall be forfeited to the Village in the event the Bidder neglects or refuses to enter into a contract and bond when required, with approved sureties, to execute the Work or furnish the material for the price mentioned in his Bid and according to the plans and specifications in case the contract shall be awarded to him.

- 4.3 Bids shall be publicly opened at the hour and place indicated above.

5. BID MODIFICATION OR WITHDRAWAL

- 5.1 A Bid that is in the possession of the Village may be altered by a letter bearing the signature or name of the person authorized for submitting a Bid, provided that it is received prior to the time and date set for the bid opening. Telephone, email or verbal alterations of a Bid will not be accepted.

- 5.2 A Bid that is in the possession of the Village may be withdrawn by the Bidder, up to the time set for the bid opening, by a letter bearing the signature or name of the person authorized for submitting Bids. Bids may not be withdrawn after the bid opening and shall remain valid for a period of ninety (90) days from the date set for the bid opening, unless otherwise specified.

- 5.3 Any Bidder who does not submit a Bid is requested to return the enclosed Statement of “No Bid” postcard. Bidders not submitting Bids or “No Bid Statement” may otherwise be removed from the Village’s bid mailing list.

6. BID REJECTION

- 6.1 Bids that contain omissions, erasures, alterations, additions not called for, conditional bids or alternate bids not called for, or irregularities of any kind, shall be rejected as informal or insufficient. Bids otherwise acceptable, which are not accompanied by the proper Proposal Guaranty, shall also be rejected as informal or insufficient. The Village reserves the right however, to reject any or all Bids and to waive such technical error as may be deemed best for the interest of the Village.

7. BIDDER COMPETENCY

- 7.1 No Bid will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default upon any debt or contract. The Bidder, if requested, must present evidence to the Village of ability and possession of necessary facilities, and financial resources to comply with the terms of the Contract Documents. Evidence must be presented within three (3) business days.

8. BIDDER DISQUALIFICATION

- 8.1 Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and the rejection of their Bid.
 - 8.1.1 More than one Bid for the same Work from an individual, firm partnership, or corporation under the same or different names.
 - 8.1.2 Evidence of collusion among Bidders.
 - 8.1.3 Unbalanced Bids in which the prices for some items are substantially out of proportion to the prices for other items.
 - 8.1.4 Failure to submit a unit price for each item of Work listed in the Bid Form.
 - 8.1.5 Lack of competency as revealed by financial statement or experience questionnaire.
 - 8.1.6 Unsatisfactory performance record as shown by past work, judged from the standpoint of workmanship and progress.
 - 8.1.7 Uncompleted work which, in the judgment of the Village, might hinder or prevent the prompt completion of this Work.
 - 8.1.8 Failure to submit a signed Bidder's Certificate stating the following:
 - 8.1.8.1 That the Bidder is not barred from bidding on this Contract as a result of a violation of Sections 720 ILCS 5/33-E3 and 720 ILCS 5/33-E4 of the Illinois Compiled Statutes; and
 - 8.1.8.2 The Bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue; and
 - 8.1.8.3 The Bidder will maintain the types and levels of insurance required by the terms of this contract; and
 - 8.1.8.4 The Bidder will comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*

9. BASIS OF AWARD

- 9.1 The Village reserves the exclusive right to accept or reject any and all Bids or to waive sections, technicalities and irregularities, or to accept or reject any Bid or any item of any Bid.

10. AWARD OF CONTRACT

- 10.1 Unless the Village exercises its right to reject all Bids, the Contract will be awarded to that responsible Bidder whose Bid, conforming to the Contract Documents, will be most advantageous to the Village, price and other factors considered. (the credentials, financial information, bonding capacity, insurance protection, qualifications of the labor and management of the firm, past experience and ability to complete the project within time frame required - lowest responsible bidder)

- 10.2 Unless otherwise specified, if a Contract is not awarded within ninety (90) days after the opening of Bids, a Bidder may file a written request with the Village for the withdrawal of their Bid. The Village will have a maximum of ten (10) days after the receipt of such request to award the Contract or release the Bidder from further obligation by return of the Bidder's bid deposit. Any attempt or actual withdrawal or cancellation of a Bid by the awarded contractor who has been notified by the Village of the acceptance of said Bid shall be considered a breach of contract.

11. RETURN OF BID DEPOSIT

- 11.1 The bid deposit of all except the three (3) lowest responsive bidders on each contract will be returned within fifteen (15) days after the opening of Bids. The remaining bid deposits of each contractor will be returned within fifteen (15) days after the Village Council has awarded the contract and the required appurtenances to the contract have been received.

12. FAILURE TO ENTER INTO CONTRACT

- 12.1 Failure on the part of the successful Bidder to execute a Contract and provide acceptable bonds, as provided herein, within ten (10) days from the date of receipt of the Contract and Notice of Award from the Village, will be considered as just cause for the revocation of the award. The Bidder's bid security shall then be forfeited to the Village, not as a penalty but in payment of liquidated damages sustained as a result of such failure.
- 12.2 The Bidder shall not be allowed to claim lack of receipt where the Contract and Notice of Award was mailed by U.S. Postal Services certified mail to the business address listed in his Bid. In case the Village does not receive evidence of receipt within ten (10) days of the date of Notice of Award, the Village may revoke the award. The Bidder shall then forfeit the bid security to the Village, not as a penalty but in payment of liquidated damages sustained as the result of such failure to execute the Contract.
- 12.3 By submitting a Bid, the Bidder understands and agrees that, if his Bid is accepted, and he fails to enter into a contract forthwith, he shall be liable to the Village for any damages the Village may thereby suffer.

13. SECURITY FOR PERFORMANCE

- 13.1 The successful Bidder shall, within ten (10) days after acceptance of the Bidder's Bid by the Village, furnish a Performance Bond and a Materials and Labor Payment Bond acceptable to the Village in the full amount of the Bid. Said bonds shall guarantee the Bidder's performance under the Contract Documents and shall guarantee payment of all subcontractors and material suppliers. Any bond shall include a provision as will guarantee faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

14. TAX EXEMPTION

- 14.1 The Village is exempt from Illinois sales or use tax for direct purchases of materials and supplies. A copy of the Illinois Sales Tax Exemption Form will be issued upon request. The Village's federal identification number will also be provided to the selected Bidder.

15. RESERVED RIGHTS

- 15.1 The Village reserves the right to waive sections, irregularities, technicalities and informalities to this Contract and to accept any Bid and to reject any and all Bids and to disapprove of any and all

subcontractors as may be in the best interest of the Village. Time and date requirements for receipt of Bids, however, will not be waived.

16. CATALOGS AND SHOP DRAWINGS

- 16.1 Each Bidder shall submit catalogs, descriptive literature, and detailed drawings, where applicable, to fully illustrate and describe the work or material he proposes to furnish.

17. TRADE NAMES AND SUBSTITUTIONS

- 17.1 Certain materials and equipment are specified by a manufacturer or trade name to establish standards or quality and performance and not for the purpose of limiting competition. Products of other manufacturers may be substituted, if, in the opinion of the Village, they are equal to those specified in quality, performance, design, and suitability for intended use. If the Bidder proposes to furnish an "equal", the proposed "equal" item must be so indicated in the written Bid. Where two or more items are specified, the selection among those specified is the Bidder's option, or he may submit his Bid on all such items. Detail specification sheets shall be provided by Bidder for all substituted items.

II. TERMS AND CONDITIONS

18. VILLAGE ORDINANCES

- 18.1 The successful Bidder, now the Contractor, will strictly comply with all ordinances of the Village of Downers Grove and laws of the State of Illinois.

19. USE OF VILLAGE'S NAME

- 19.1 The Contractor is specifically denied the right of using in any form or medium the name of the Village for public advertising unless the Village grants express permission.

20. HOURS OF WORK

- 20.1 The Contractor shall do no work between the hours of 7:00 p.m. and 7:00 a.m., nor on Saturdays, Sundays or legal holidays, unless otherwise approved in writing by the Village. However, such work may be performed at any time if necessary, for the proper care and protection of work already performed, or in case of an emergency. All after-hour work is still subject to the permission of the Village.

21. PERMITS AND LICENSES

- 21.1 The Contractor shall obtain all necessary permits and licenses required to complete the Work. The cost of acquisition of all necessary permits, bonds, insurance and services as specified herein shall be considered INCIDENTAL, and no additional compensation will be allowed the Contractor.

22. INSPECTION

- 22.1 The Village shall have a right to inspect, by its authorized representative, any material, components or workmanship as herein specified. Materials, components or workmanship that have been rejected by the Village as not in accordance with the terms of the contract specifications shall be replaced by the Contractor at no cost to the Village.

23. DELIVERIES

- 23.1 All materials shipped to the Village must be shipped F.O.B. designated location, Downers Grove, Illinois.

24. SPECIAL HANDLING

- 24.1 Prior to delivery of any product that is caustic, corrosive, flammable or dangerous to handle, the Contractor will provide written directions as to methods of handling such products, as well as the antidote or neutralizing material required for its first aid before delivery. Contractor shall also notify the Village and provide material safety data sheets for all substances used in connection with this Contract which are defined as toxic under the Illinois Toxic Substances Disclosure to Employees Act.

25. NONDISCRIMINATION

- 25.1 Contractor shall, as a party to a public contract:

25.1.1 Refrain from unlawful discrimination in employment and undertake affirmative action to assure equality of employment opportunity and eliminate the effects of past discrimination;

25.1.2 By submission of this Bid, the Contractor certifies that he is an "equal opportunity employer" as defined by Section 2000(e) of Chapter 21, Title 42, U.S. Code Annotated and Executive

Orders #11246 and #11375, which are incorporated herein by reference. The Equal Opportunity clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this Bid.

- 25.2 It is unlawful to discriminate on the basis of race, color, sex, national origin, ancestry, age, sexual orientation, sexual identity, marital status, military status, order of protection status, physical or mental handicap or unfavorable discharge for military service. Contractor shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. Secs. 2000 et seq., The Human Rights Act of the State of Illinois, 775 ILCS 5/1-101 et. seq, and The Americans With Disabilities Act, 42 U.S.C. Secs. 12101 et. seq.

26. SEXUAL HARASSMENT POLICY

- 26.1 The Contractor, as a party to a public contract, shall have a written sexual harassment policy that:

- 26.1.1 Notes the illegality of sexual harassment;
- 26.1.2 Sets forth the State law definition of sexual harassment;
- 26.1.3 Describes sexual harassment utilizing examples;
- 26.1.4 Describes the Contractor's internal complaint process including penalties;
- 26.1.5 Describes the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and how to contact these entities; and
- 26.1.6 Describes the protection against retaliation afforded under the Illinois Human Rights Act.

27. EQUAL EMPLOYMENT OPPORTUNITY

- 27.1 In the event of the Contractor's non-compliance with the provisions of this Equal Employment Opportunity Clause, the Illinois Human Rights Act or the Rules and Regulations of the Illinois Department of Human Rights ("Department"), the Contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this Contract, the Contractor agrees as follows:

- 27.1.1 That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, sexual identity, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- 27.1.2 That, if it hires additional employees in order to perform this Contract or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations)

of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

- 27.1.3 That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, or an unfavorable discharge from military services.
- 27.1.4 That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with such Act and Rules and Regulations, the Contractor will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
- 27.1.5 That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 27.1.6 That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purpose of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 27.1.7 That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this Contract, the Contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivision or municipal corporations.

28. DRUG FREE WORK PLACE

28.1 Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace by:

28.1.1 Publishing a statement:

- (1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, including cannabis, is prohibited in the Village's or Contractor's workplace.
- (2) Specifying the actions that will be taken against employees for violations of such

prohibition.

(3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:

(A) abide by the terms of the statement; and

(B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.

28.1.2 Establishing a drug free awareness program to inform employees about:

(1) the dangers of drug abuse in the workplace;

(2) the Village's or Contractor's policy of maintaining a drug free workplace;

(3) any available drug counseling, rehabilitation and employee assistance programs;

(4) the penalties that may be imposed upon employees for drug violations.

28.1.3 Providing a copy of the statement required by subparagraph 1.1 to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.

28.1.4 Notifying the contracting or granting agency within ten (10) days after receiving notice under part (3)(B) of subparagraph 1.1 above from an employee or otherwise receiving actual notice of such conviction.

28.1.5 Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted as required by section 5 of the Drug Free Workplace Act.

28.1.6 Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.

28.1.7 Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

29. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT

29.1 In the event this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, Contractor agrees to comply with the Substance Abuse Prevention on Public Works Projects Act, 820 ILCS 265/1 *et seq.*, and further agrees that all of its subcontractors shall comply with such Act.. As required by the Act, Contractor agrees that it will file with the Village prior to commencing work its written substance abuse prevention program and/or that of its subcontractor(s) which meet or exceed the requirements of the Act.

30. PREVAILING WAGE ACT

30.1 Contractor agrees to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*, for all work completed under this Contract. Contractor agrees to pay the prevailing wage and require that all of its subcontractors pay prevailing wage to any laborers, workers or mechanics who perform work pursuant to this Contract or related subcontract. For applicable rates, go to the State of Illinois – Department of Labor website (www.state.il.us/agency/idol/rates/rates.HTM) and use the most current DuPage County rate. The Department revises the prevailing wage rates and the Contractor or subcontractor has an obligation to check the Department's website for revisions to prevailing wage

rates throughout the duration of this Contract.

- 30.2 Contractor and each subcontractor shall keep or cause to be kept accurate records of all laborers, mechanics and other workers employed by them on the public works project, which records must include each worker's name, address, telephone number when available, social security number, classification, hourly wage paid (including itemized hourly cash and fringe benefits paid in each pay period), number of hours worked each day, and the starting and ending times of work each day. These records shall be open to inspection at all reasonable hours by any representative of the Village or the Illinois Department of Labor and must be preserved for three (3) years from the date of the last payment on the public work.
- 30.3 Since this is a contract for a public works project, as defined in 820 ILCS 130/2, Contractor agrees to post at the job site in an easily accessible place, the prevailing wages for each craft or type of worker or mechanic needed to execute the contract or work to be performed.
- 30.4 Because this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, any and all contractors and subcontractors shall submit certified payroll records to the Village no later than the tenth (10th) day of each calendar month for the immediately preceding month in which construction on a public works project has occurred. **WITHOUT THIS PAPERWORK, NO INVOICE SHALL BE PAID BY THE VILLAGE.** Contractors and subcontractors must also submit a statement affirming that the records are true and accurate, that the wages paid to each worker are not less than the prevailing rate, and that the contractor and subcontractor are aware that filing false records is a Class A misdemeanor. The records must include the name, address, telephone number, social security number, job classification, hours of work, hourly rate, and start and end time of work each day for every worker employed on the public work. The Village reserves the right to check the pay stubs of the workers on the job. The Village further cautions that payment for any services rendered pursuant to this Contract may be predicated upon receipt of said records.
- 30.5 In the event that this is a construction project where Motor Fuel tax monies or state grant monies are used in the construction, maintenance and extension of municipal streets, traffic control signals, street lighting systems, storm sewers, pedestrian subways or overhead crossings, sidewalks and off-street parking facilities, and the like, the Village will require an Apprenticeship and Training Certification, attached after the Bidder's Certification.
- 30.6 Any bond furnished as security for performance shall include a provision as will guarantee faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.
- 31. PATRIOT ACT COMPLIANCE**
- 31.1 The Contractor represents and warrants to the Village that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Contractor further represents and warrants to the Village that the it and its principals, shareholders, members, partners, or affiliates, as applicable are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Contract on behalf of any person or entity named as a Specially Designated National and Blocked Person. The Contractor hereby agrees to defend, indemnify and hold harmless the Village, and its elected or appointed officers, employees,

agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities and expenses (including reasonable attorney's fees and costs) arising from or related to any breach of the foregoing representations and warranties.

32. INSURANCE REQUIREMENTS

32.1 Prior to starting the Work, Contractor and any Subcontractors shall procure, maintain and pay for such insurance as will protect against claims for bodily injury or death, or for damage to property, including loss of use, which may arise out of operations by the Contractor or Subcontractor or any Sub-Sub Contractor or by anyone employed by any of them, or by anyone for whose acts any of them may be liable. Such insurance shall not be less than the greater of coverages and limits of liability specified below or any coverages and limits of liability specified in the Contract Documents or coverages and limits required by law unless otherwise agreed to by the Village.

Workers Compensation	\$500,000	Statutory
Employers Liability	\$1,000,000	Each Accident
	\$1,000,000	Disease Policy Limit
	\$1,000,000	Disease Each Employee
Comprehensive General Liability	\$2,000,000	Each Occurrence
	\$2,000,000	Aggregate
		<i>(Applicable on a Per Project Basis)</i>
Commercial Automobile Liability	\$1,000,000	Each Accident
Professional Errors & Omissions	\$2,000,000	Each Claim
(pursuant to section.9 below)	\$2,000,000	Annual Aggregate
Umbrella Liability	\$ 5,000,000	

32.2 Comprehensive General Liability Insurance required under this paragraph shall be written on an occurrence form and shall include coverage for Products/Completed Operations, Personal Injury with Employment Exclusion (if any) deleted, Blanket XCU and Blanket Contractual Liability insurance applicable to defense and indemnity obligations and other contractual indemnity assumed under the Contract Documents. The limit must be on a "Per Project Basis".

32.3 Commercial Automobile Liability Insurance required under this paragraph shall include coverage for all owned, hired and non-owned automobiles.

32.4 Workers Compensation coverage shall include a waiver of subrogation against the Village.

32.5 Comprehensive General Liability, Employers Liability and Commercial Automobile Liability Insurance may be arranged under single policies for full minimum limits required, or by a

combination of underlying policies with the balance provided by Umbrella and/or Excess Liability policies.

- 32.6 Contractor and all Subcontractors shall have their respective Comprehensive General Liability (including products/completed operations coverage), Employers Liability, Commercial Automobile Liability, and Umbrella/Excess Liability policies endorsed to add the "Village of Downers, its officers, officials, employees and volunteers" as "additional insureds" with respect to liability arising out of operations performed; claims for bodily injury or death brought against the Village by any Contractor or Subcontractor employees, or the employees of Subcontractor's subcontractors of any tier, however caused, related to the performance of operations under the Contract Documents. Such insurance afforded to the Village shall be endorsed to provide that the insurance provided under each policy shall be *Primary and Non-Contributory*.
- 32.7 Contractor and all Subcontractors shall maintain in effect all insurance coverages required by the Contract Documents at their sole expense and with insurance carriers licensed to do business in the State of Illinois and having a current A. M. Best rating of no less than A- VIII. In the event that the Contractor or any Subcontractor fails to procure or maintain any insurance required by the Contract Documents, the Village may, at its option, purchase such coverage and deduct the cost thereof from any monies due to the Contractor or Subcontractor, or withhold funds in an amount sufficient to protect the Village, or terminate this Contract pursuant to its terms.
- 32.8 All insurance policies shall contain a provision that coverages and limits afforded hereunder shall not be canceled, materially changed, non-renewed or restrictive modifications added, without thirty (30) days prior written notice to the Village. Renewal certificates shall be provided to the Village not less than five (5) days prior to the expiration date of any of the required policies. All Certificates of Insurance shall be in a form acceptable to the Village and shall provide satisfactory evidence of compliance with all insurance requirements. The Village shall not be obligated to review such certificates or other evidence of insurance, or to advise Contractor or Subcontractor of any deficiencies in such documents, and receipt thereof shall not relieve the Contractor or Subcontractor from, nor be deemed a waiver of the right to enforce the terms of the obligations hereunder. The Village shall have the right to examine any policy required and evidenced on the Certificate of Insurance.
- 32.9 If the Work under the Contract Documents includes design, consultation, or any other professional services, Contractor or the Subcontractor shall procure, maintain, and pay for Professional Errors and Omissions insurance with limits of not less than \$2,000,000 per claim and \$2,000,000 annual aggregate. If such insurance is written on a claim made basis, the retrospective date shall be prior to the start of the Work under the Contract Documents. Contractor and all Subcontractors agree to maintain such coverage for three (3) years after final acceptance of the Project by the Village or such longer period as the Contract Documents may require. Renewal policies during this period shall maintain the same retroactive date.
- 32.10 Any deductibles or self-insured retentions shall be the sole responsibility of the Insured. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

33. INDEMNITY AND HOLD HARMLESS AGREEMENT

- 33.1 To the fullest extent permitted by law, the Contractor shall indemnify, keep and save harmless the Village and its agents, officers, and employees, against all injuries, deaths, strikes, losses, damages, claims, suits, liabilities, judgments, costs and expenses, which may arise directly or indirectly from any negligence or from the reckless or willful misconduct of the Contractor, its employees, or its subcontractors.
- 33.2 The Contractor shall at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith, and, if any judgment shall be rendered against the Village in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. This agreement shall not be construed as requiring the Contractor to indemnify the Village for its own negligence. The Contractor shall indemnify, keep and save harmless the Village only where a loss was caused by the negligent, willful or reckless acts or omissions of the Contractor, its employees, or its subcontractors.

34. SUBLETTING OF CONTRACT

- 34.1 No contract awarded by the Village shall be assigned or any part subcontracted without the written consent of the Village. In no case shall such consent relieve the Contractor from his obligation or change the terms of this Contract.

All approved subcontracts shall contain language which incorporates the terms and conditions of this Contract.

35. TERMINATION OF CONTRACT

- 35.1 The Village reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, for any reason.
- 35.2 The Village further reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event of default by the Contractor. Default is defined as failure of the Contractor to perform any of the provisions of this Contract or failure to make sufficient progress so as to endanger performance of this Contract in accordance with its terms. In the event that the Contractor fails to cure the default upon notice, and the Village declares default and termination, the Village may procure, upon such terms and in such manner as it may deem appropriate, supplies or services similar to those so terminated. The Village may also contact the issuer of the Performance Bond to complete the Work. The Contractor shall be liable for any excess costs for such similar supplies or services. Any such excess costs incurred by the Village may be set-off against any monies due and owing by the Village to the Contractor.

36. BILLING AND PAYMENT PROCEDURES

- 36.1 Payment will be made upon receipt of an invoice referencing Village purchase order number. Once an invoice and receipt of materials or service have been verified, the invoice will be processed for payment in accordance with the Village's payment schedule. The Village will comply with the Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., in that any bill approved for payment must be paid or the payment issued to the Contractor within 60 days of receipt of a proper bill or invoice. If payment is not issued to the Contractor within this 60 day period, an interest penalty of 1.0% of any amount approved and unpaid shall be added for each month or fraction thereof after the end of this 60

day period, until final payment is made.

- 36.2 The Village shall review each bill or invoice in a timely manner after its receipt. If the Village determines that the bill or invoice contains a defect making it unable to process the payment request, the Village shall notify the Contractor as soon as possible after discovering the defect pursuant to rules promulgated under 50 ILCS 505/1 et seq. The notice shall identify the defect and any additional information necessary to correct it.
- 36.3 As this Contract is for work defined as a “fixed public work” project under the Illinois Prevailing Wage Act, 820 ILCS 130/2, any contractor or subcontractor is required to submit certified payroll records along with the invoice. No invoice shall be paid without said records.
- 36.4 Please send all invoices to the attention of: Village of Downers Grove, Accounts Payable, 801 Burlington, Downers Grove, IL 60515.
- 37. COMPLIANCE WITH OSHA STANDARDS**
- 37.1 Equipment supplied to the Village must comply with all requirements and standards as specified by the Occupational Safety and Health Act. All guards and protectors as well as appropriate markings will be in place before delivery. Items not meeting any OSHA specifications will be refused.
- 38. CERCLA INDEMNIFICATION**
- 38.1 The Contractor shall, to the maximum extent permitted by law, indemnify, defend, and hold harmless the Village, its officers, employees, agents, and attorneys from and against any and all liability, including without limitation, costs of response, removal, remediation, investigation, property damage, personal injury, damage to natural resources, health assessments, health settlements, attorneys' fees, and other related transaction costs arising under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, 42 U.S.C.A. Sec. 9601, et seq., as amended, and all other applicable statutes, regulations, ordinances, and under common law for any release or threatened release of the waste material collected by the Contractor, both before and after its disposal.
- 38.2 If the Contractor encounters any waste material governed by the above Act, it shall immediately notify the Village and stop working in the area until the above requirements can be met.
- 39. COPYRIGHT or PATENT INFRINGEMENT**
- 39.1 The Contractor agrees to indemnify, defend, and hold harmless the Village against any suit, claim, or proceeding brought against the Village for alleged use of any equipment, systems, or services provided by the Contractor that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or copyright.
- 40. BUY AMERICA**
- 40.1 The Contractor agrees to comply with 49 U.S.C.5323(j), the Federal Transportation Administration's (FTA) Buy America regulations at 49 C.F.R. Part 661, and any amendments thereto, and any implementing guidance issued by the FTA, with respect to this Contract, when financed by Federal funds (through a grant agreement or cooperative agreement).
- 40.2 As a condition of responsiveness, the Contractor agrees to submit with its Bid submission, an executed Buy America Certificate, attached hereto.

41. CAMPAIGN DISCLOSURE

- 41.1 Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate, attached hereto.
- 41.2 The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.
- 41.3 Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.
- 41.4 By signing the bid documents, contractor/proposer/bidder/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

42. GUARANTEE PERIOD

- 42.1 The Contractor shall provide a guarantee in writing covering a minimum period of one (1) year after approval and acceptance of the Work. The Guarantee shall be in such form as the Village may prescribe, unless otherwise noted in the Specifications, and shall be submitted before receiving final payment. If longer guarantees are required, they will be noted in the Special Provisions for this project.

43. SUCCESSORS AND ASSIGNS

- 43.1 The terms of this Contract will be binding upon and inure to the benefit of the parties and their respective successors and assigns; provided, however, that neither party will assign this Contract in whole or in part without the prior written approval of the other. The Contractor will provide a list of key staff, titles, responsibilities, and contact information to include all expected subcontractors.

44. WAIVER OF BREACH OF CONTRACT

- 44.1 The waiver by one party of any breach of this Contract or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof will be limited to the particular instance and will not operate or be deemed to waive any future breaches of this Contract and will not be construed to be a waiver of any provision except for the particular instance.

45. CHANGE ORDERS

- 45.1 The contract price is a “not-to-exceed” cost. At any time additional work is necessary or requested, and the not-to-exceed price is increased thereby, all parties must agree to any change, addition or price increase in writing.

- 45.2 Change orders for public works projects which authorize an increase in the contract price ~~that~~ is 50% or more of the original contract price or that authorize or necessitate any increase in the price of a subcontract under the contract that is 50% or more of the original subcontract price must be resubmitted for bidding in the same manner by which the original contract was bid. (50 ILCS 525/1)

46. SEVERABILITY OF INVALID PROVISIONS

- 46.1 If any provisions of this Contract are held to contravene or be invalid under the laws of any state, country or jurisdiction, contravention will not invalidate the entire Contract, but it will be construed as if not containing the invalid provision and the rights or obligations of the parties will be construed and enforced accordingly.

47. GOVERNING LAW

- 47.1 This Contract will be governed by and construed in accordance with the laws of the State of Illinois. Venue is proper only in the County of DuPage for state cases or the Northern District of Illinois for federal cases.

48. NOTICE

- 48.1 Any notice will be in writing and will be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party at the party's place of business. Notices shall be addressed to the Village as follows:

**Village Manager
Village of Downers Grove
801 Burlington Ave.
Downers Grove, IL 60515**

And to the Contractor as designated on the Contract Form.

49. AMENDMENT

- 49.1 This Contract will not be subject to amendment unless made in writing and signed by all parties.

50. COOPERATION WITH FOIA COMPLIANCE

- 50.1 Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the Village in its efforts to comply with the Freedom of Information Act. 5 ILCS 140/1 et seq.

51. EMPLOYMENT OF ILLINOIS WORKERS ON PUBLIC WORKS ACT

- 51.1 If the work contemplated by this Contract is funded or financed in whole or in part with State Funds or funds administered by the State, Contractor agrees to comply with the terms of the Employment of Illinois Workers on Public Works Act by employing at least 90% Illinois laborers on the project. 30 ILCS 570/1 et seq. Contractor agrees further to require compliance with this Act by all of its subcontractors.

III. GENERAL PROVISIONS

1. STANDARD SPECIFICATIONS

- 1.1 The following standards shall govern the construction of the proposed improvements:
 - 1.1.1 Standard Specifications for Water and Sewer Main Construction in Illinois, Sixth Edition, 2009 (the Water & Sewer Specs.); and
 - 1.1.2 Standard Specifications for Road and Bridge Construction as adopted by the Illinois Department of Transportation, January 1, 2012; along with Supplemental Specifications and Recurring Special Provisions (collectively the “SSRBC”) as adopted by the Illinois Department of Transportation, January 1, 2013; and
 - 1.1.3 Water Distribution Specifications, Village of Downers Grove, Illinois, revised March, 2006.
- 1.2 These Contract Documents shall take precedence whenever there are conflicts in the wording or statements made by the above specifications and these Contract Documents.
- 1.3 Unless otherwise referenced herein, Division I of the Water and Sewer Specs and Section 102 and Articles 104.02, 104.03, 104.07, 107.02, 107.27, 107.35, 108.10, 108.11, and 108.12 of the SSRBC are hereby suspended.

2. COOPERATION OF CONTRACTOR

- 2.1 The Contractor will be supplied with a minimum of 2 sets of approved plans and contract assemblies including Special Provisions, one set of which the Contractor shall keep available on the work site at all times. The Contractor shall give the work site constant attention necessary to facilitate the progress thereof, and shall cooperate with the Village in every way possible.
- 2.2 The Contractor shall have on the work site at all times, as the Contractor's agent, a competent English-speaking representative capable of reading and thoroughly understanding the Contract Documents, and thoroughly experienced in the type of work being performed. The representative shall also be capable of receiving instruction from the Village, and shall have full authority to promptly respond to such instruction. He shall be capable of supplying such materials, equipment, tools, labor and incidentals as may be required. The Contractor shall not replace him without prior written notification to the Village.

3. LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC

- 3.1 Section 107 of the SSRBC shall govern the Contractor's legal regulations and responsibility to the public, with the following additions:
 - 3.1.1 PROJECT SAFETY. Add the following to Article 107.28:
 - 3.1.1.1 The Contractor shall conduct his work in such a manner as to provide an environment consistent with the safety, health and well being of those engaged in the completion of the Work specified in this Contract.
 - 3.1.1.2 The Contractor shall comply with all State and Federal Safety Regulations as

outlined in the latest revisions of the Federal Construction Safety Standards (Series 1926) and with applicable provisions and/or regulations of the Occupation Safety and Health Administration (OSHA) and Standards of the Williams-Stelger Occupational Health Safety Act of 1970 (Revised). SPECIAL ATTENTION SHALL BE PAID TO COMPLIANCE WITH OSHA'S SUBPART P – EXCAVATIONS STANDARD.

- 3.1.1.3 The Contractor and Village shall each be responsible for their own respective agents and employees.
- 3.1.2 **BACKING PRECAUTIONS.** Pursuant to Sections 14-139(b) and 14-171.1 of the Downers Grove Municipal Code, any motor vehicle which has an obstructed view to the rear and is to be operated at any time in reverse gear on the public streets of the Village by the Contractor or any subcontractor shall either be equipped with a reverse signal alarm (backup alarm) audible above and distinguishable from the surrounding noise level, or shall provide an observer to signal that it is safe to back up.
- 3.1.3 **OVERWEIGHT, OVERWIDTH AND OVERHEIGHT PERMITS.** The Village has and supports an overweight truck enforcement program. Contractors are required to comply with weight requirements and safety requirements as established by Illinois Law or Village Ordinance, for vehicles, vehicle operators and specialty equipment. In some instances, specialty equipment for road repairs or construction projects requires the movement of overweight, overwidth, or overheight loads utilizing a Village roadway. Such movement will require obtaining a permit from the Village Police Department's Traffic Supervisor.
- 3.1.4 **BARRICADES AND WARNING SIGNS.** The Contractor shall provide the Village with a telephone number of a person or company who is available 24 hours per day, seven days per week, to erect additional barricades or signs. If the Village or its representative deems it necessary for the Public's safety to erect additional barricades or signs during normal working hours, the Contractor will furnish the necessary barricades or signs, and have them in place within 30 minutes. If, after normal working hours, the requested signs are not in place within three hours after the request is made, the Village reserves the right to have the barricades and signs erected. The cost of erecting the barricades and signs shall be deducted by the Village from any payments due the Contractor.

4. PROSECUTION AND PROGRESS

- 4.1 Section 108 of the SSRBC shall govern the prosecution and progress of the work, with the following additions:
 - 4.1.1 The Contractor shall schedule his work such that all improvements shall be substantially complete by August 2, 2013. Substantial completion shall mean all work excluding possible full parkway turf restoration. Although actual sod placement may be delayed until more favorable weather conditions, all disturbed turf areas shall be backfilled and dressed and left in a safe and useable condition conducive to possible foot traffic and to the satisfaction of the Village. The completion date will remain binding throughout the duration of the Contract unless revised in writing by the Village.

- 4.1.2 The total duration of disturbance for work related to means of public egress through the project site or access to private property (e.g. removal and replacement of curb and gutters, sidewalks, driveway entrances, etc.) must not exceed ten (10) calendar days. The Contractor may use high-early strength concrete, meeting all specifications herein, **at his own expense** to help meet this requirement.
- 4.1.3 The Contractor shall also make special note of the following work schedule requirements:
 - (a) N/A
- 4.1.4 Should the Contractor fail to complete the work on or before the specified completion dates set forth in Sections 4.1.1, 4.1.2 or 4.1.3 or within such extended time as may be allowed, the Contractor shall be liable for liquidated damages in accordance with the applicable sections of Article 108.09 of the SSRBC.
- 4.1.5 Prior to commencing construction, a meeting will be held with the Contractor and the Village. Any questions concerning procedures, general conditions, special provisions, plans or specific items related to the project shall be answered and clarified. No Pre-Construction meeting shall be scheduled until submittals, performance bonds, and certificates of insurance are delivered to, and approved by, the Village.
- 4.1.6 Weekly progress meetings may be required by the Village. If required, the Contractor shall have a capable person, such as a site superintendent or project manager, attend such meetings and be prepared to report on the prosecution of the Work according to the progress schedule. The Village reserves the right to require adjustments to scheduling of work.

5. MEASUREMENT AND PAYMENT

- 5.1 Section 109 of the SSRBC shall govern measurement and payment, with the following additions:
 - 5.1.1 Modifies Article 109.07 - Partial payments will be made per Section 36 of Part II of this document (Billing and Payment Procedures.)
 - 5.1.2 The Village will require that partial and final affidavits for all labor, materials and equipment used on the Project, be submitted with the partial and final payment requests. Such waivers shall indicate that charges for all labor, materials and equipment used on the project have been paid. Partial waivers from suppliers and subcontractors may be submitted after the first payment to the Contractor, and before the subsequent payment to that which they apply. However, partial waivers from the Contractor must accompany the invoice of the payment to which it applies. All final waivers, from all suppliers and subcontractors **MUST** accompany the Contractor's invoice upon submittal for final payment. A sworn statement by the Contractor shall accompany full waivers. Such requirement for full waivers is solely for the benefit of the Village and shall not be construed to benefit any other person. Partial payment for work done shall in no way imply acceptance of the work to that date.

IV. SPECIAL PROVISIONS

The following Special Provisions shall modify, supercede, or supplement the Standard Specifications referred to in Section III - General Provisions.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *supplemented* by any of the following paragraphs, the provisions of such section, subsection, paragraph, or subparagraph shall remain in effect. The Special Provisions shall govern in addition to the particular Standard Specification so supplemented, and not in lieu thereof.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *amended, voided, or superceded* by any of the following paragraphs, any provision of such section, subsection, paragraph, or subparagraph standing unaffected, shall remain in effect. The Special Provisions shall govern in lieu of any particular provision of the Standard Specification so amended, voided, or superceded, and not in addition to the portion changed.

SP-1 GENERAL SCOPE OF WORK

Description: The Sterling Road Storm Sewer project shall generally consist of the following:

- Installation of approximately 140 linear feet of 12" storm sewer via open trench method.
- Installation of approximately 600 linear feet of 12" storm sewer via horizontal directional drilling method.
- Installation of 5 catch basins.
- All other collateral work such as driveway replacements, sidewalk replacement, roadway restoration, and sod restoration.

SP-2 GENERAL CONSTRUCTION REQUIREMENTS

The following general requirements are intended to govern the overall priority for the performance of the work described in this contract. As general requirements, they are not intended to dictate to the Contractor the precise method by which these tasks shall be performed.

All street openings made prior to November 15th shall be fully restored according to the applicable special provisions, and the street reopened to regular traffic upon the availability of hot-mix bituminous concrete. The Contractor shall assume the risk of restoration over those reaches of pipe installed but not yet pressure-tested for pipe integrity.

If the project requires the phasing of construction, the contractor is to follow the phasing shown in the plan set. Any variations in the phasing plan shown on the plan set must be approved in writing by the Engineer before construction begins. The contractor will not be allowed to proceed to another phase without the approval of the Engineer. **The contractor will receive no additional compensation for constructing the project in phases.**

No more than three hundred linear feet (300 LF) of pavement may be open-cut and closed to use by the motoring public, and access to all individual drives within the current work zone must be restored at the end of each workday, unless a Village-approved phasing plan shows otherwise.

The Contractor shall maintain traffic flow on ALL STREETS during the day in accordance with the

applicable special provision. Adequate signing and flagging is of particular importance for safe travel of all residents.

SP-3 QUALIFICATIONS OF BIDDER

In addition to those requirements set forth in Section 10.1 above, in order to be considered a responsible bidder, the bidder must have particular expertise in having successfully constructed projects of a similar size and scope, specifically including open trench and horizontal directional drilling (HDD) installation of utility pipes of similar diameter, of similar material, over similar lengths, and with similar subsurface conditions. The Bidder must submit the following information for itself and for each open-trench or HDD storm sewer sub-contractor:

- a. Similar Project Experience
 - i. Bidder must provide detailed information regarding past similar projects performed by the submitting firm within the past five (5) years.
 - ii. Bidder must submit a list of references of previous projects identifying the location of the work, the dollar value of the work, the owner or agency responsible for the work, and the name and phone number of the contact person.
 - iii. Bidder must submit the Certification of Qualifications form with the Bid.
- b. Proposed Project Team - identify a project manager and full-time onsite construction supervisor (can be the same person), with qualifications. The individuals proposed must be utilized for the duration of this project unless an alternate is approved in writing by the Village.

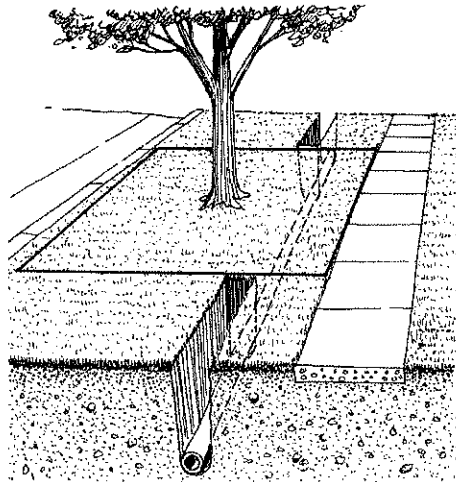
SP-4 TREE PROTECTION

Municipal Codes regarding trees, including tree protection requirements for public parkway trees, are located in Chapter 24 of the Downers Grove Municipal Code. Specifically, Municipal Codes 24-7 and 24-8 detail the public parkway tree protection sizes and fines for violations. The Village Forester shall approve all tree protection measures and any deviations. All tree protection measures and any deviations shall be noted in the contract specifications and on approved project plan sheets and permits using the guidelines listed below.

Tree protection shall include avoiding damage to the above ground tree branches and trunk, and the below ground root system and surrounding soil. Tree crowns and trunks shall not suffer any branch or bark loss. Roots shall be protected from compaction, storage of materials, severing, regrading of the parkway or excavation unless specifically noted on the project plan sheets.

The Critical Root Zone, or CRZ, is the area immediately surrounding a tree that must be protected from damage. In a municipal parkway setting with utilities and paved or concrete surfaces, the size of the CRZ has been adjusted to form a rectangle around the parkway tree trunk with minimum dimensions listed in the following table. The depth of the CRZ extends to 4 feet below the natural ground surface level.

<u>Parkway</u> <u>Tree diameter at 4.5'</u>	<u>Width street to property</u> <u>(min. curb to sidewalk)</u>	<u>Length along street</u> <u>street(minimum)</u>	<u>Depth</u>
0 – 12.0 inches	10.0 feet	10 feet	4 feet
12.1 – 24.0 inches	10.0 feet	20 feet	4 feet
24.1 or more inches	10.0 feet	30 feet	4 feet



For projects that involve excavations of less than one (1) foot in depth in the parkway or street and are replacing structures in the same location, fencing of the public parkway trees shall not be required. Example projects include, but are not limited to, street pavement resurfacing, curb removal/replacement, driveway removal/replacement, or sidewalk removal/repairs or new sidewalk installations. Contractors shall be mindful of the CRZ dimensions and potential for fines if any parkway trees suffer any unauthorized damage as determined by the Village Forester.

For projects that involve excavations of one (1) foot or more in depth in the parkway or street or both, fencing of the public parkway trees shall be required. Example projects include, but are not limited to, watermain replacements with new roundway keystops and domestic service box installations, sanitary line replacements and new service connections, new or replacement natural gas services, new or replacement phone or fiber optic lines, or new or replacement storm sewers, or projects that widen roads which in turn decreases the parkway soil volume around public parkway trees.

Projects that require fencing (listed above) shall fence the public parkway trees with six (6) foot high chain link construction fence secured to metal posts driven in the ground which are spaced no further than ten (10) feet apart. The dimensions of the fence shall depend on the tree diameter size and shall follow the table listed for the CRZ above, or as large as practical dependent on driveways and other field conditions. The fenced rectangle shall have three (3) sides with the opening facing the adjacent residences for easy access for mowing or tree care. Under no circumstances shall any items be stored within the fence. All fencing shall be maintained daily in an upright good condition. The size and location of all fencing shall be shown on the project plan sheets.

To avoid damage to the CRZ, utilities must be augered underneath the public parkway trees. Excavation pits for augering equipment are to be outside the fenced area and are to be shown on the project plan sheets. Excavation pits for roundway keystops and domestic service boxes are to be as small as practical with excavation occurring in a direction away from the adjacent public parkway tree.

In cases when severing of roots within a portion of the CRZ may be unavoidable (ex. sidewalk installation, curb replacement, water or sanitary service replacement), subject to the approval of the Village Forester, sharp clean cuts shall be made on root ends to promote wound closure and root regeneration. Root pruning and excavation activities shall occur such that the smallest volume of soil and roots is disturbed, and the locations shall be shown on the project plan sheets.

In addition to fines and citations that may be assessed for violations of any Chapter 24 of the Municipal Code (such as not maintaining fencing around the CRZ or unauthorized removal of protected trees), the Contractor may be subject to the following provisions:

- issuance of an invoice for the value or partial value of the tree lost due to damage to either the above ground or below ground portions of the parkway tree, or unauthorized tree removal.
- costs of repairs, such as pruning or cabling, or costs for removal of the damaged parkway tree along with the stump if the tree cannot remain in the right-of-way.
- fines of \$500 for the 1st offense; \$1,000 for the 2nd offense; \$2,500 for the 3rd and subsequent offenses.
- each day during which a violation continues shall be construed as a separate and distinct offense.

The value or partial value of the tree lost shall be determined by the Village Forester using the most current edition of the Guide for Plant Appraisal (prepared by the Council of Tree & Landscape Appraisers and the International Society of Arboriculture) and the most current edition of the Species Ratings & Appraisal Factors for Illinois (prepared by the Illinois Arborist Association). The total cost determined for the damage shall be deducted from the payments made to the Contractor for the project. Should the Village hire another Contractor or tree service to complete pruning work, these costs shall also be deducted from the payments made to the Contractor.

Basis of Payment: This work will be paid for at the contract unit price per **FOOT** for:

TREE PROTECTION,

which price shall be payment in full for the work as specified herein, except tree removal as defined by the SSRBC, which will be paid for separately.

SP-5 TRENCH BACKFILL

Description: All trenches and excavations beneath pavements and driveways, as shown on plans or as directed by the Engineer in the field, will require Case III **SELECTED GRANULAR BACKFILL** meeting the gradation of Type A of Sec. 20-5.03 of the Water and Sewer Specs and as specified herein.

Trench Backfill, CA-6 shall meet the requirements of Section 1004 of the SSRBC, gradation to be “CA-6”, except that GR-7 gravel will not be allowed. Select Granular Backfill, CA-6 should be used when under or within 2’ of paved areas or structures, and shall extend from 1’ above the pipe to at least 9” below the street surface.

Backfill shall be compacted by vibrating plate or other mechanical compacting device in a manner consistent with the Standard Specifications, to ensure that no future settlement occurs.

All backfilling shall be done in accordance with Section 20-4.06 of the Water and Sewer Specs. Specifically, all trenches and excavations other than those shown on the plans or designated by the Engineer to receive **SELECTED GRANULAR BACKFILL, CA-6** shall be backfilled by any acceptable method which will not dislodge or damage the pipe, or cause bridging action in the trench. Spoil material may be used as backfill in turf areas. In turf areas, **SELECTED GRANULAR BACKFILL, CA-11** shall be used to a height of one (1) foot above the top of the storm sewer pipe, and the balance of the backfill may be approved excavated

material.

Payment shall be made only for the placement of SELECTED GRANULAR BACKFILL, CA-11 as Initial Backfill, as defined in the Water and Sewer Specs. Granular bedding and Haunching shall be considered incidental to the contract price.

Payment shall be made only for the placement of SELECTED GRANULAR BACKFILL, CA-6 as Final Backfill. Backfill of approved excavated material shall be considered incidental to the contract price.

Where granular bedding as encasement material is not specified, selected excavation material free from clods or stones shall be used between the bottom of the trench and a point six inches above the top of the pipe.

Selected granular backfill shall be furnished for backfilling to the full width of the trench. It will be measured in cubic yards in place, except that the quantity for which payment will be made shall not exceed the volume of the trench as computed by using the maximum width of trench permitted by the SSRBC. Any selected granular material required in excess of the maximum quantity herein specified shall be furnished by the Contractor at his own expense.

This item also includes the disposal of the surplus excavated material that is replaced by selected granular backfill. Any material meeting the aforementioned gradation that has been excavated from the trenches may be used for backfilling the trenches. However, no compensation will be allowed as selected granular backfill for the portion of the trench backfilled with excavated material.

Basis of Payment: This work will be paid for at the contract unit price per **CUBIC YARD** for

TRENCH BACKFILL

which price shall be payment in full for the work as specified herein and as measured in place.

SP-6 EXPLORATORY TRENCH

Description: This item shall consist of excavating an area for the purpose of locating existing utilities within the construction limits of the proposed improvement. This work shall be performed as directed by the Engineer. A nominal quantity of exploratory excavation has been included in the schedule of prices for the purpose of establishing a unit price for this item of work.

After the excavation has been inspected, it shall be backfilled as directed by the Engineer. If it is located in a paved area (existing or proposed), the excavation shall be backfilled with Trench Backfill as specified herein. Otherwise, the excavation shall be backfilled with excavated material compacted to the satisfaction of the Engineer. Any excess material shall be disposed of in accordance with Article 202.03 of the SSRBC.

Trench Backfill will not be measured for payment.

This work will be paid for at the contract unit price per **CUBIC YARD** for

EXPLORATORY TRENCH,

measured as specified, which price shall include excavation, backfill and legal disposal of excess

material.

SP-7 PARKWAY GRADING AND SOD RESTORATION, SALT TOLERANT, SPECIAL

Description: This item shall be done in accordance with the applicable portions of Sec. 252 of the SSRBC and the following provisions.

As contract work progresses through the Village, parkway restoration work shall commence in a timely manner in areas where permanent placement of new curb and gutter, driveways, sidewalks, etc., has been completed. Under no circumstances shall the Contractor prolong final grading, shaping and sod placement so that the entire project can be permanently restored at the same time.

This work shall consist of the excavation, topsoiling and sodding of the entire parkway between the back of curb and the right-of-way and adjacent to all curbs, sidewalks and driveways removed and replaced during the course of construction or as directed by the Engineer. Restoration will also be performed on areas disturbed by storm sewer or culvert construction.

All topsoil to be used for parkway restoration shall be obtained from outside the limits of this improvement, transported to the site and placed at required locations to a minimum depth of 4". All materials shall meet the requirements of Art. 1081.05 of the SSRBC. All placement of topsoil shall meet the requirements of Sec. 211 of the SSRBC.

All sod shall be salt tolerant meeting the requirements of Art. 1081.03 of the SSRBC. All placement of sod shall meet the requirements of Sec. 252 of the SSRBC.

For that period prior to full parkway restoration, the Contractor shall backfill and grade all disturbed areas so as to insure the safety of the general public. Parkways shall be left in a safe, clean and usable condition conducive to foot traffic and to the satisfaction of the Village. The Contractor shall protect these unfinished areas against erosion and work to keep them weed free.

Basis of Payment: This work will be paid for at the contract unit price per **SQUARE YARD** for:

PARKWAY RESTORATION, SALT TOLERANT, SPECIAL,

which price shall be payment in full for any excavation and grading necessary, the furnishing, transporting and placement of all topsoil and sod and the full watering of sod. Unless otherwise directed by the Engineer restoration of disturbed parkways outside the limits of improvement will not be paid for separately but shall be considered incidental to the contract.

Supplemental watering shall be paid for at the contract unit price per unit for **SUPPLEMENTAL WATERING**.

SP-8 EROSION AND SEDIMENTATION CONTROL

Description: Throughout each and every phase of the project, all downstream ditches and storm sewers shall be protected from the run-off of roadway surfaces, excavations, and other construction activities generating the movement of dirt, mud, dust and debris. This work shall consist of constructing temporary erosion and sedimentation control systems as shown on the plans or as directed by the Engineer. The work shall be placed by methods and with materials in accordance with Sections 280, 1080 and 1081 of the SSRBC, except as

amended herein.

All downstream ditches shall be protected from erosion and sedimentation by the installation of silt fence ditch checks, straw bales shall not be used. Piles of excavated material and/or trench backfill material, allowed to be in place in excess of three days, shall be protected against erosion and sedimentation runoff by use of silt fence. Storm sewer inlet structures or manholes shall be protected by temporary placement of geotextile fabric, filter baskets, or solid lids, as authorized in the field by the Engineer.

Erosion and sedimentation control measures as indicated in the Erosion Control Plan, or as directed by the Engineer shall be installed on the project site prior to beginning any construction activities which will potentially create conditions subject to erosion. Erosion control devices shall be in place and approved by the Engineer as to proper placement and installation prior to beginning other work. Erosion control protection for Contractor equipment storage sites, plant sites, and other sites shall be installed by the Contractor and approved by the Engineer prior to beginning construction activities at each site.

Silt Fence Placement, maintenance, and removal of silt fence at areas designated by the Engineer. The work shall be placed by methods and materials in accordance with Sections 280 and 1080 of the SSRBC, except as amended herein.

Basis of Payment: This work shall be considered **INCIDENTAL** to the project.

SP-9 HOT-MIX ASPHALT DRIVEWAY REMOVAL & REPLACEMENT (DEPTH)

Description: This work shall consist of the removal and replacement of asphalt driveways at locations indicated on the plans and/or as required by the Engineer.

The replacement of the driveways shall consist of preparing a subgrade at all required locations, shaping of slopes adjacent to the driveways, the placement and compacting of six inches (6") of CA-6 Aggregate Base, and the placement and compacting of three inches (3") of Hot-Mix Asphalt Surface, Mixture C, N50 (IL 9.5).

At locations noted on Schedule of Quantities, asphalt driveways shall be replaced with the six inches (6") of CA-6 aggregate base along with eight inches (8") of Hot-Mix Asphalt comprised of six inches (6") of Hot-Mix Asphalt Binder, IL-19.0, N50 and finished with a minimum of two inches (2") of Hot-Mix Asphalt Surface, Mixture C, N50 (IL 9.5). Asphalt to be placed in compacted layers not to exceed four inches (4").

This work shall also include the adjustment to proper grade of all water valve or private utility boxes encountered.

The locations at which this work will be measured for payment will consist of only those areas bounded by combination concrete curb and gutter. Those areas where the surface course of the pavement flares into existing driveways beyond the limits of the fully improved areas will not be included for payment.

Basis of Payment: This work shall be paid for at the contract unit price per **SQUARE YARD** for

HMA DRIVEWAY REMOVAL & REPLACEMENT (DEPTH),

which price shall be payment in full for the work as specified herein.

SP-10 PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACE
or PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, NEW

Description: This work shall consist of installation of new P.C.C. and the removal and replacement of existing P.C.C. sidewalk as indicated by location or shown on the plans. All P.C.C. sidewalks shall be removed and replaced by methods and with materials in accordance with Articles 424 and 1020.04 of the SSRBC, except as amended herein.

Removal of existing sidewalk shall include saw cutting and disposal of existing concrete as directed by the Engineer, removal of tree roots, bituminous paved sidewalks and/or bituminous overlayment of existing sidewalks.

Excavation for new sidewalk shall be performed with a Gradall. Operating the Gradall on the parkways will not be allowed. All excavation shall be made from the street unless otherwise approved by the Engineer. Excavation work utilizing a skid steer loader shall not be allowed.

Placement of sidewalk shall include the following:

- a) Any necessary excavation, clearing, and proper disposal of excavated materials, removal and disposal of all obstructions such as fences, walls, foundations and buildings;
- b) The placement of four inches (4") of Type B, CA-6 compacted aggregate base;
- c) The set up of form work such that the maximum longitudinal slope of the finished walk does not exceed 8.33 percent (1 inch in 12 inches), and the lateral slope is not less than 1/8 inch per 12 inches, nor more than 1/4 inch per 12 inches.
- c) The placement of five inch (5") thick, Class SI Portland Cement Concrete, 6.05 cwt/cy mix, with 6% air entrainment, 3"-5" slump, and six inch (6") thickness through or in driveways or where subject to vehicular traffic, to the width specified on the plans or as directed by the Engineer;
- d) The tooling of contraction joints, 3/4-inch radius and 1 inch deep, 5 feet on center;
- f) The placement of 3/4 inch thick premoulded expansion joints at 100 foot intervals on center, or abutting existing concrete sidewalk, or at the end of a pour;
- g) The adjustment to proper grade of all utility structures encountered;
- h) The replacement of all traffic control devices or parking meters removed;
- i) The proper curing of all concrete work utilizing methods and materials outlined in Articles 424 and 1022.01 of the SSRBC, (Type III membrane curing compound white pigmented);
- j) The complete restoration of abutting asphalt driveways damaged as a result of installation, or where new sidewalk surface is more than 1/2 inch higher or lower than the original grade of the asphalt drive. Restoration shall consist of a minimum of one foot either side of the sidewalk; with a minimum of three inch (3") thick Hot-Mix Asphalt Surface, Mixture C, N50 (IL 9.5) surface course; and restoration of gravel drives with similar HMA restoration.

Except for damaged parkway areas due to rutting or not designated by the Engineer, restoration will be paid for in accordance with the specification PARKWAY RESTORATION.

Basis for Payment: This work shall be paid for at the contract unit price per **SQUARE FOOT** for:

P.C.C. SIDEWALK REMOVAL AND REPLACE or P.C.C. SIDEWALK, 5 INCH, NEW

which price shall be payment in full for the work as specified herein.

SP-11 DETECTABLE WARNINGS

Description: This work shall consist of the installation of new detectable warning material as shown in the plans. All detectable warnings shall be placed by methods and with materials in accordance with Article 424 and 424.09 of the SSRBC.

Each Detectable Warning shall consist of brick red 2' x 5' panels inserted into wet concrete. Detectable Warning shall be Access-Tile Cast-In-Place Replaceable or equivalent equal.

Basis for Payment: This work shall be paid for at the contract unit price per **SQUARE FOOT** for:

DETECTABLE WARNINGS,

which price shall include all material, labor, and equipment necessary to complete this item.

SP-12 DRAINAGE STRUCTURE TO BE REMOVED

Description: This work shall consist of removing and disposing of existing manholes, catch basins and inlets in accordance with Section 605 of the Standard Specifications and as specified herein.

In addition to the requirements of Article 605.03 of the Standard Specifications, the Contractor shall saw cut a square area around the structure to be removed sufficient to remove the structure and construct the replacement structure.

Basis of Payment: This work shall be measured and paid for at the contract unit price per **EACH** for:

DRAINAGE STRUCTURES TO BE REMOVED

The word DRAINAGE STRUCTURE shall be understood to mean manhole, catch basin or inlet as the case may be.

SP-#13 STORM SEWER REMOVAL (SIZE SPECIFIED)

Description. This work shall consist of the removal of storm sewers including laterals. Existing storm sewers shall be removed so that all pipe considered suitable by the Engineer for future use shall be salvaged. The location and manner of storage of salvaged material shall be as directed by the Engineer.

Any of the material having salvage value which has been damaged by the Contractor shall be replaced with new pipe of the same kind and size. Material not suitable for salvage shall be disposed according to Article 202.03 of the SSRBC.

Excavation of trenches shall be performed according to the applicable requirements of Article 550.04 of the SSRBC.

Backfilling for the removed storm sewer shall be considered incidental to Storm Sewer Removal.

Basis of Payment. This work shall be measured and paid for at the contract unit price per **FOOT** for:

STORM SEWER / CULVERT REMOVAL (SIZE SPECIFIED),

of the size specified, which price shall be payment in full for performing this task as specified, including

all material, labor and equipment.

SP-14 STORM SEWER [OPEN TRENCH INSTALLATION]

Description: This item shall consist of the construction of RCP, PVC, and/or DIP Storm Sewer. Storm sewer shall be constructed with the material, type, and diameter specified. Unless otherwise allowed by the Engineer, the Contractor shall place a well compacted, fine aggregate bedding at least four inches below the pipe and extending the entire width of the trench for the length of the pipe.

The pipe shall be placed so that the entire length of the pipe will have full bearing. No blocking of any kind shall be used to adjust the pipe to grade except when used with concrete encasement.

Laying of sewer pipe shall be accomplished to line and grade in the trench only after it has been de-watered and the foundation and/or bedding has been prepared. Mud, silt, gravel and other foreign material shall be kept out of the pipe and off the jointing surface.

All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place. All pipes shall be laid to conform to the prescribed line and grade shown on the Plans.

The sewer pipe, unless otherwise approved by the Engineer, shall be laid up grade from point of connection on the existing sewer or from a designated starting point. The sewer pipe shall be installed with the bell end forward or upgrade, unless approved otherwise. When pipe laying is not in progress, the forward end of the pipe shall be kept tightly closed with an approved temporary plug.

The following specific items shall be considered incidental to storm sewer pipe construction and their costs shall be merged into the contract unit price per **LINEAR FOOT** of the storm sewer pipe.

1. Removal from site of all surplus trench excavation.
2. Excavation for, supplying and placement of, bedding material as shown in the details.
3. Support of trenches, including any necessary bracing or shoring.
4. De-watering of trench or excavation.
5. Placement and compaction of backfill by vibratory plate or other approved mechanical device.
6. Coring into existing drainage structures where connections are called for on the plans.
7. Televising of sewers after installation.

Basis of Payment: This work shall be paid for at the contract unit price per **LINEAR FOOT** for:

STORM SEWERS TYPE, (MATERIAL, CLASS, SIZE SPECIFIED) [OPEN TRENCH INSTALLATION],

Unit prices shall include all labor, material, and equipment necessary for excavation, bedding, installing, jointing, and backfilling the sewers and all incidental work herein specified, except **TRENCH BACKFILL**, which will be paid for separately.

SP-15 MANHOLES, CATCH BASINS, AND INLETS (SIZE AND TYPE SPECIFIED)

Description: This work shall consist of the installation of precast concrete drainage structures with a cast-in, clamp-on type flexible boot meeting ASTM C923 requirements, of the size and type shown on the plans or specified by the Engineer. Included in the contract unit price shall be all excavation, removal and disposal of existing storm structures, bedding, supplying and compacting of backfill materials. Backfill materials for new structures shall be CA-6 aggregate mechanically compacted. Unless otherwise specified, all manholes, catch basins, and inlets and shall be their respective Type A design with cast-in-place, clamp-on type, flexible rubber boot(s).

All structures in excess of four feet in depth shall be equipped with cast iron steps meeting the standards of ASTM A48.

Precast sections shall conform with ASTM C 478 and shall be substantially free from fractures, large or deep cracks and surface roughness. Slabs shall be sound and free from gravel pockets. Joints between precast sections shall be designed for rubber gaskets or bituminous mastic material.

Adequate foundation for all structures shall be obtained by removal and replacement of unsuitable materials with well graded granular material; or by tightening with coarse ballast rock, or by such other means as provided for foundation preparation of the connected sewers.

Precast base sections shall be placed on a well graded granular bedding of not less than two (2) inches in thickness. The bedding course shall be firmly tamped and made smooth and level to assure uniform contact and support of the precast element.

All lift holes shall be completely filled with mortar to ensure water tightness.

Castings shall be set in mortar or bituminous mastic beds. The adjustment of the casting to the required final grade shall be made with precast concrete adjusting rings. Maximum adjustment with rings shall be twelve inches (12"). Brick, concrete block, or wooden shims will not be permitted. Pre-cast concrete adjusting rings shall be set in mortar or bituminous mastic beds.

In pavements, frames shall be heavy duty Type 1 with either Type B closed lids or Type 11 frame and grates.

This work will be paid for at the contract unit price per **EACH** for

**CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE,
CATCH BASIN, TYPE A, 4'-DIAMETER, SPECIAL GRATE,
CATCH BASIN, 6'-DIAMETER, 6' SUMP, SPECIAL GRATE,**

which price shall include all material, labor, and equipment necessary to complete the work.

SP-16 PRECONSTRUCTION VIDEOTAPING

Description: This work shall consist of furnishing all materials and labor required to perform a videotape survey of the construction limits, adjacent right-of-way, and adjacent structures bordering the work. This shall include, but not be limited to, existing buildings, garages, pavements, curb and gutter, sidewalks, fences, trees and landscaping. Two (2) copies of the videotape shall be furnished to the Owner in DVD format. Videotaping shall be performed by a reputable company meeting the approval of the Owner, in the presence of a representative of the Owner, and shall be performed prior to the commencement of construction. The videotape survey shall serve as a basis for establishing damage that has occurred as a result of construction operations.

Basis of Payment: This work will be paid for at the contract **LUMP SUM** price for:

PRECONSTRUCTION VIDEOTAPING,

which price shall be payment in full for the work as specified herein.

SP-17 CONSTRUCTION STAKING AND RECORD DRAWINGS

Description: Section 5-7 of the Water and Sewer Specs shall be replaced in its entirety by the following:

The Contractor shall furnish and place all construction layout stakes for this project. Competent personnel with suitable equipment shall conduct this work, supervised by a licensed Illinois Land Surveyor. The Contractor shall be responsible for having the finished work conform substantially to the lines, grades, elevations and dimensions shown on the plans.

The Contractor shall provide adequate control points to construct the individual Project elements, and shall provide the Engineer with adequate control in close proximity to check the compliance of the elements constructed.

The Contractor shall record all field notes in standard survey field notebooks and those books shall become the property of the Village at the completion of the Project. All notes shall be neat, orderly and in an accepted format.

Prior to final payment and within 28 calendar days of substantial completion, as determined in section III.4.1.1, the Contractor shall provide the Village with record drawings showing the elevations of all constructed storm and sanitary sewer manholes, catch basins, inlets, clean-outs, and any other structures defined by the Engineer as part of the project, including all rim elevations, and invert elevations of all pipes. Rim elevation of all curb structures shall be taken at the flowline of the gutter. Significant changes to the design plans shall also be depicted. Red-lined plans or electronically-generated as-built plans are acceptable. Digital copies of as-built drawings must also be provided (TIF files or approved equal), along with two full-sized paper copies. All work related to generating the as-built drawings shall be supervised by a licensed Illinois Land Surveyor.

Basis of Payment: This work will be paid for at the contract **LUMP SUM** price for:

CONSTRUCTION STAKING AND RECORD DRAWINGS,

which price shall be payment in full for the work as specified herein.

SP-18 TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS

Description: This item shall include the furnishing, installing, maintaining, relocating and removing of all traffic control devices and personnel used for the purpose of regulating, warning, or directing traffic during the construction of this project. All traffic control devices used on this project shall conform to the Standard Specifications for Traffic Control Devices and the Illinois Manual on Uniform Traffic Control Devices. No waiving of these requirements will be allowed without prior written approval of the Engineer.

The Contractor shall protect all workers engaged in the project, and shall provide for safe and convenient public travel by providing adequate traffic control under all circumstances. Such circumstances may include, but not be limited to work performed along the route under construction, road closures for construction operations of any type, or when any section of the road is opened to traffic prior to completion of all work. The Contractor shall ensure that the work zone in question is properly signed, barricaded and otherwise marked.

The Contractor will be responsible for the proper location, installation, and arrangement of all traffic control devices during the period of construction. All open excavations shall be protected by Type I barricades equipped with bi-directional flashing lights at each end of the excavation, as well as at 50-foot intervals between ends for excavations greater than 50 feet in length and weighted down by **two sandbags per each barricade**. All street closures shall be protected by Type III barricades equipped with bi-directional flashing lights and weighted down by **eight sandbags per each barricade**.

The Contractor shall plan his work so that there will be no open holes during non-working hours and that all barricades have been removed from the pavement during non-working hours.

In the event that one direction of travel must be closed, the Contractor has the option of setting up a detour route or using flaggers (minimum of two). The Engineer shall approve proper signing and barricading of the detour route and lane closures, and shall issue written authorization prior to closure.

The Contractor shall maintain his operations in a manner such that traffic flow shall not be substantially impeded during the construction of the proposed improvements. Where traffic must cross open trenches during a given work day, the Contractor shall provide steel plates at street intersections and driveways. Prior to the end of a given work day, the pavement surface shall be temporarily restored. No open excavation may be left overnight or on the weekend without the express written permission of the Engineer.

As the condition and location of the work changes, the Contractor shall maintain all traffic control devices and personnel engaged in traffic control, in a manner that will accommodate the changing particulars of the work at any given time. Advance warnings, detour and directional information and other controls or directions necessary for safe passage of traffic around the work site shall be reviewed and changed, if necessary, to meet the needs of the situation. Signage erected, but not necessary or proper for the situation ahead shall be covered or taken down. Barricading and signage shall be monitored on a daily basis to ensure that it meets the requirements for work zone safety for the conditions of the particular work being performed.

The Contractor shall provide a name and phone number for a responsible party capable of providing emergency service, 24 hours per day, for the duration of the Project.

Basis of Payment: This work shall be paid for at the contract **LUMP SUM** price for:

TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS

which price shall be payment in full for the installation and maintenance of proper traffic control to protect the work and the public for the duration of the Project.

SP-19 STREET SWEEPING AND DUST CONTROL

Description: All roadway surfaces shall be kept free of dirt, mud, dust and debris of any kind throughout every phase of the project. Dirt, mud, dust and debris of any kind shall be removed from the roadway surface to the satisfaction of the Engineer by any one or combination of the following: approved mechanical sweeping equipment, manual labor, or other approved techniques.

Whenever ordered by the Engineer, especially for locations subject to a particularly high volume of traffic, the Contractor shall mechanically sweep the work site.

Basis of Payment: This work will be paid for at the contract unit price per **HOUR** for

STREET SWEEPING AND DUST CONTROL,

which price shall be payment in full for the work as specified herein.

SP-20: IEPA CLEAN CONSTRUCTION AND DEMOLITION DEBRIS

Description: If construction activities will result in removal and disposal of excavation spoils, per Illinois Public Act 96-1416 and the Illinois Environmental Protection Agency, soil sampling and analysis, along with certification from a licensed professional engineer (PE) or licensed professional geologist (PG) that the soil is uncontaminated, will be required prior to clean construction and demolition debris (CCDD) facility acceptance. However, if the subject property has never been used for industrial or commercial purposes, and is not adjacent to Potentially Impacted Properties (PIPs), then the site owner or operator may certify that the soil is uncontaminated by use of IEPA form LPC-662.

To facilitate meeting the above requirements, the Village will supply a signed Source Site Certification by Owner or Operator Form LPC-662 for this project. The form LPC-662 shall not be considered a guarantee that excavated material shall meet the requirements of Illinois Public Act 96-1416, and the Contractor shall be responsible for satisfactory removal and disposal of all material as specified herein. No additional environmental testing of the existing on-site material may be performed without prior written permission from the Engineer. In the event that Contractor performs any additional testing without the written permission of the Engineer, Contractor will be required to properly and legally dispose of all material from the project site, regardless of its suitability for disposal in a CCDD facility, at his own expense, without any additional payment for testing, hauling and disposal as specified below.

Based on the Potentially Impacted Properties report, the following CCDD facilities have indicated that they will accept material from this project:

- Reliable Lyons CCDD, 4226 Lawndale Ave, Lyons, IL 60534
- Hanson Material Service, 125 N Independence Blvd, Romeoville, IL 60446
- Bluff City Materials, 1245 Gifford Rd, Elgin, IL 60120
- EF Heil, 12152 South Naper Plainfield Road, Plainfield, IL 60585

Contractor shall consult with these facilities prior to submitting a bid for this project. Contractor shall base his bid on hauling all CCDD generated by this project to one of these facilities. No additional compensation will be allowed for hauling to any other facilities, for any reason, unless none of the above listed facilities will accept the material. If an alternate facility was approved by the Village prior to bid submittal, and that facility will no longer accept the material, the facilities listed above shall be used by the Contractor at no additional cost to the Village, unless none of the above facilities will accept the material. In the case where neither any of the above listed facilities, nor a pre-approved alternate facility, will accept the material, the Village and Contractor shall attempt to locate an alternate facility, unless the material is classified as unsuitable for disposal in a CCDD facility, in which case it shall be hauled to a landfill and paid for as specified below. Should the Contractor wish to haul material to an alternate facility, the name, location and contact information for the proposed facility shall be submitted to the Village for evaluation, a minimum of five (5) calendar days prior to submission of a bid. Any costs associated with additional sampling, analysis, and/or reporting to meet the acceptance requirements of the alternate facility shall be borne by the bidding Contractor and included within the Contractor's bid. By submitting a bid, Contractor agrees that at least one (1) of the above listed facilities, or an alternate facility approved by the Village in writing prior to the submission of the bid, will accept the material and shall be used for disposal of all CCDD from this project, unless otherwise determined to be non-hazardous special waste as specified below. In the event that the Contractor needs to alter the CCDD facility used for placement of excavated material, the Contractor shall notify the Engineer no later than three (3) days in advance of the planned alteration. In no event shall material be hauled to an alternate facility without the written permission of the Engineer.

Construction Requirements: The Contractor shall be responsible for satisfactory removal and disposal of all waste material, asphalt, concrete, stone, dirt, and debris generated or discovered in the course of the work. Removal and disposal of excavation items being disposed of at a clean construction and demolition debris (CCDD) facility shall meet the requirements of Public Act 96-1416. This work shall be incidental and shall not be paid for separately, with the exception of the **ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE** as specified below.

The temporary storing of excavated materials within the public right-of-way or project limits shall not be allowed unless approved by the Engineer. It shall be the Contractor's responsibility to find an approved dumpsite for debris and any excavated materials. The Village will not provide one.

The Contractor shall employ a licensed testing firm, as approved by Engineer, to screen each truck-load of material on-site, using a PID or FID field screen or other acceptable method. The PID shall be calibrated on a daily basis. All truck-loads shall be entered into an on-site screening log including, but not limited to, project name, date, time, weather conditions, name of screener, hauling company, truck number, screening method, background PID reading, calibrated PID reading, truck/bucket PID reading, and description of materials screened. Each day prior to the first truck leaving the site, Engineer and Contractor's testing consultant shall agree on the allowable PID reading in accordance with the receiving CCDD facility procedures (typically 0.0 or daily background levels). The receiving CCDD facility may be consulted daily, or periodically, as needed to verify that the appropriate value is being used. If said screen indicates levels that will be unacceptable for disposal at the CCDD facility, the material shall be quarantined on-site for further evaluation. If material is rejected at the CCDD facility, it shall be returned to the project site and quarantined for further evaluation. No additional compensation shall be allowed for returning a rejected load back to the project site. Should it be determined by the Village or Village's agent that the material is not suitable for disposal in a CCDD facility, the Contractor shall be responsible for properly disposing of the material at an acceptable landfill, and providing the Village with all of the proper paperwork to document the material disposal with the IEPA. This

work shall be paid for as specified below. If a truck-load is rejected by a CCDD facility after leaving the project site, and said truck-load is not identified in the on-site screening log, the Contractor shall still be required to properly dispose of the material and provide the Village with the necessary documentation, but shall not be additionally compensated as specified below.

All additional work to satisfy these requirements shall be the responsibility of the Contractor. All costs associated with meeting these requirements shall be paid for as specified herein. These costs shall include but are not limited to all required testing, lab analysis, and certification by a licensed professional engineer (PE) or licensed professional geologist (PG), if required, in addition to the cost of additional hauling, dump fees, etc. Payment for this work shall be in addition to payment for EARTH EXCAVATION per the contract unit price. No adjustment to the contract unit price will be allowed due to changes to quantities based on actual field conditions.

Basis of Payment: This work shall be paid for at the contract unit price per **LOAD** for:

ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE,

which price shall be payment in full for the work as specified herein.

SP-21 STORM SEWER [HORIZONTAL DIRECTIONAL DRILLING INSTALLATION]

Qualifications: See special provision SP-3.

Description: All work shall conform to the most up-to-date ASTM Standards for Horizontal Directional Drilling (HDD). This item shall include all work necessary for the installation of storm sewer pipe at the location and depth called out on the plans via horizontal directional drilling methods. Installation of the storm sewer pipe via HDD shall include, but may not be limited to, the following items:

1. Any further site and/or soil investigations beyond the analysis provided in the Geotechnical Soil Report by Testing Service Corporation, dated May 3, 2013.
2. All equipment, materials, and labor to install the pipe
3. Pumping of drilling pits
4. Transportation and storage of water required for drilling and hydrostatic testing
5. Haul off of spoils generated from the HDD operation
6. Excavation and backfilling drilling pits with original spoils. Stone backfill in areas within two feet of pavement and sidewalk will be paid for separately as TRENCH BACKFILL
7. Disposal of excess drilling fluid
8. Connecting HDD pipe to proposed upstream and downstream storm structures
9. Any other items not mentioned herein to complete installation of the storm sewer pipe as shown on the plans.

Prior to commencing directional drilling, the Contractor shall submit to the Engineer details of equipment and detailed working drawings describing the proposed method of directional drilling. This shall include arrangement of equipment, location and size of drilling and receiving pits, method of dewatering, method of removing spoils material, size carrier pipe, method of fusing pipe segments, type wire, carrier pipe end seals, support segments, and method of abandonment of pilot hole. The project is located in the vicinity of a wetland; therefore, a frac-out contingency plan must also be submitted prior to commencing work. Sufficient material shall be submitted to show compliance with the Contract Documents and to show that articles proposed for use in the work are acceptable.

Inspection: The Contractor will at all times provide and maintain instrumentation which will accurately locate the pilot hole and measure drilling fluid flow discharge rate and pressure. The Engineer will have access to these instruments and readings at all times.

Pipe Material: Either HDPE or PVC pipe will be used for HDD. It is the Contractor's responsibility to submit to the Village his/her proposed type, class, and thickness, and dimension ratio of PVC and HDPE pipe material to be used. A geotechnical soil report, generated by Testing Service Corporation and dated May 3, 2013, has been provided to all plan holders. The Contractor shall submit to the Village all design calculations for determining pipe type, class, and thickness based on soil conditions, longitudinal stress from pulling force, longitudinal curvature stress at point of entry and in final position, external pressure from drilling fluid, overburden, and any other variables affecting installation of the storm sewer pipe at the location and depth shown on the plans. Design calculations shall be presented in a neat, readable format, with all figures, values and units included to facilitate ease of verification. All calculations shall bear the seal of a Registered Professional Engineer in the state of Illinois. Unit prices submitted with the bid shall reflect the Contractor's proposed type, class, and thickness of HDPE and PVC pipe.

Unloading, Handling, and Storing of Pipe: All pipes and special castings shall be unloaded and distributed along the line of work in such a manner and with such care as will effectually avoid the cracking of any pipe.

Dropping pipe or fittings directly from the truck will not be permitted. No wire rope, chains or hook shall be used for the handling of HDPE pipe. Slings of rubber or fabric belting shall be used for this purpose.

Stringing of pipe along the line shall be done so as to require a minimum of handling of the pipe. Pipe shall be stored on a flat surface so that the barrel is evenly supported. Pipe shall not be stored in piles higher than 4 feet. When HDPE pipe is stored outside and exposed to sunlight, it must be covered with a canvas or other opaque material and must be provided with air circulation under the cover. Deflection of any particular amount of HDPE pipe shall not exceed 5%.

Defective Pipe and Fittings: No pipe or fitting that is known to be defective shall be laid in the work. Any piece that is found to be defective after it has been laid shall be removed by the Contractor and replaced by a sound and perfect piece. If the major part of a defective pipe is sound, the good end may be cut off and used. Every such cut shall be square and ground smooth.

Equipment: It is the Contractor's responsibility to ensure the equipment used shall have the capacity, stability, and necessary safety features for HDD at the location called out on the plans.

Drilling Fluids: The Contractor shall submit to the Village the product information, material specifications, handling procedures, special precautions required, and method of mixing and installation of the Bentonite/drilling mud to be used. No drilling fluid shall be utilized that does not comply with all environmental regulations. Disposal of drilling fluids shall be the responsibility of the Contractor and shall be conducted in compliance with all relative environmental regulations, right-of-way and work space agreements. Drilling fluid returns at locations other than the entry and exit points shall be minimized. The Contractor shall immediately clean up any inadvertent returns.

Directional Tolerance: The pilot hole shall be drilled along the path shown on the Plan and Profile drawing to the following tolerances:

1. Elevations – Plus or minus six (6”) inches.
2. Alignment – Plus or minus six (6”) inches.

Joining Methods:

- Wherever possible the polyethylene pipe should be joined by the method of thermal butt-fusion, as outlined in ASTM-D2657, Heat Joining Polyolefin Pipe and Fittings.
- Butt-fusion joining of pipe and fittings shall be performed in accordance with the procedures recommended by the manufacturer or in accordance with the PPI TR- 33/2001.
- Electro fusion coupling can be used where appropriate. These couplings must handle the same or a higher pressure rating than the pipe or fitting being joined. Installation must be by a trained person.
- The polyethylene pipe may be adapted to fittings or other systems by means of an assembly consisting of a polyethylene stub-end, butt, electro fusion to the pipe, a back-up flange of ductile iron, made to Class 150, ANSI B16.5 dimensional standards with exceptions, bolts of compatible material with a gasket of suitable red rubber cut to fit the joint. In all cases, the bolts shall be drawn up evenly and in line.
- Mechanical joint (MJ) adaptors can be used for connections to valves or other types of pipe with this type of connections. The MJ adapters can be attached to HDPE pipe by electro fusion or butt fusion.
- Polyethylene pipes of the same outside diameter but different wall thickness shall be joined by means of a flange assembly as designated above.
- The pipe supplier shall be consulted to obtain machinery and expertise for the joining by butt-fusion or electro fusion of polyethylene pipe and fittings. No pipe or fittings shall be joined by fusion by any contractor unless he is adequately trained and qualified in the techniques involved.

Hydrostatic Tests: Following pipe laying and backfilling, the Contractor shall complete all work necessary to perform hydrostatic testing. If, in the opinion of the Engineer, work has not progressed in a reasonable manner, he shall have the right to direct the Contractor to proceed with the work, or any portion thereof, immediately. The Contractor shall perform all necessary preliminary hydrostatic tests and shall make all necessary repairs, including the repair of all visible leaks and cracks, and retest with his own forces to ready the pressure sewers for final hydrostatic inspection and testing which will be witnessed by the Engineer.

Test pressure shall be maintained at two hundred (200 lbs.) pounds per square inch at the point of highest elevation in the test section by pumping water from an approved source into the pipe for a period of at least two (2) hours, and in all cases long enough to permit assurance of a satisfactory test. Allowable leakage shall not exceed 50 gallons per inch diameter of pipe per mile of pipe for 24 hours. Maximum length of main line pipe shall not exceed 2,000 l.f. for any one test. In the event that the leakage exceeds the specified amount, the joints in the line shall be carefully inspected for leaks and repaired where necessary. Any pipes or special castings found to be cracked shall be removed and replaced with new pieces by the Contractor. After this work has been done, the test shall be repeated. Final acceptance of the lines will not be made until satisfactory tests have been passed.

No work shall commence without obtaining approval from the Village. Details and design calculations shall be submitted within seven calendar days of contract approval to prevent delays in work.

Basis of Payment: This work shall be paid for at the contract unit price per **FOOT** for:

STORM SEWERS TYPE, (MATERIAL, CLASS, SIZE SPECIFIED) [HDD INSTALLATION],

Unit prices shall include all labor, material, and equipment necessary to complete the work, including, but not limited to, all incidental work herein specified.

SP-22 RESTRICTOR PLATE, 8" ORIFICE

Description: This work shall consist of the installation of a restrictor plate with an 8" orifice into an existing storm structure as shown on plans or as directed by the Engineer.

Materials: The restrictor plate shall be fabricated ¼"-thick square stainless steel curved to conform to the curvature of the storm structure. An 8"-diameter hole shall be drilled in the plate so that the invert of the hole shall meet the invert of the outlet pipe. ½" stainless steel lag bolts with anchors suitable for concrete use shall be tack welded to the stainless steel plate to be used to mount the plate to the storm structure. The bolts shall be used around the outer edge of the plate so that the plate can be easily removed by sliding upward. A pulling hook shall be welded to the top of the plate for removal of the plate.

Construction Requirements: The depth of the bolts into the structure shall be a minimum of three inches. An epoxy sealant between the structure and the plate shall be provided for a watertight seal.

Basis of Payment: This work shall be paid for at the contract unit price per **EACH** for:

RESTRICTOR PLATE, 8" ORIFICE

Unit prices shall include all labor, material, and equipment necessary to complete the work. The repair of any damage done to the storm structure due to the installation of the plate shall not be paid for separately but shall be considered **INCIDENTAL** to the contract.

SP-23 CONFLICT MANHOLE (SIZE, TYPE, FRAME)

Description: This work shall consist of constructing a storm sewer manhole together with frames and the conflict manhole detail on the Drawings and as specified herein.

Construction Requirements: Drainage structures shall be precast reinforced concrete in accordance with Article 602.07 of the Standard Specifications. The section of sanitary sewer to pass through the conflict manhole shall be encased in ductile iron or steel casing (coated on both interior and exterior) with spacers. The casing for the sanitary sewer running through the conflict manhole shall be installed in two pieces and tack welded back together. The casing pipe shall be wrapped with "Canusa" pipe wrap and the casing ends shall be sealed with brick and mortar. Manholes shall be provided with epoxy-coated cast iron steps on 16" centers from frame to invert.

Basis of Payment: This work shall be paid for at the contract unit price per **EACH** for:

CONFLICT MANHOLE (SIZE, TYPE, FRAME),

Unit prices shall include all sewer pipe, casing pipe, couplings, frame and lids, backfilling, sand cushion, flat slab tops and all labor, material and equipment necessary to complete the work.

SP-24 ADJUSTING DIP WATERMAIN (SIZE AND TYPE SPECIFIED)

Description. This work shall consist of adjusting watermain of the size specified in conflict with sewer to be constructed.

Materials: Watermain pipe materials shall meet all of the requirements of the following standards:

Ductile Iron Pipe (DIP) - ANSI/AWWA - C151/A21.51,
ANSI Class 52
Cement Lined ANSI/AWWA - C104/A21.4

The coupling of these watermain pipes shall meet the requirements of the following standards:

Ductile Iron Pipe (DIP) - Compression (push-on) rubber gasket joints in accordance with ANSI/AWWA C111/A21.11.

Unless otherwise shown on plans or directed by the Engineer, all ductile iron watermain pipes shall be installed without granular or concrete cradles. Although bell holes may not be required, the trench bottom shall be excavated and shaped such that the pipe is uniformly supported over its entire length.

The pipe shall be installed so that the entire length of pipe shall have full bearing. No blocking shall be used to adjust the pipe to grade except in conjunction with concrete thrust blocking or encasements.

Laying of watermain pipe shall be accomplished to line and grade in the trench only after it has been completely de-watered and the bedding is free of mud, loose silt, or gravel. All foreign material shall be kept out of the pipe.

All pipe laid shall be retained in position such to maintain joint closure, alignment, and grade until sufficient backfill has been completed to adequately hold the pipe in place.

At the end of each work day, the end of installed watermain pipe shall be protected and the excavation backfilled. No excavation or trench shall be left open overnight. The following specific items shall be considered **incidental** to watermain pipe installation and their costs shall be considered **incidental** to the contract unit price for watermain pipe:

1. All ductile iron pipe, fittings, and thrust blocking required to perform the adjustment;
2. Removal of all surplus trench excavation from site;
3. Excavation for and placement of granular bedding and encasement material when shown on the plans and/or ordered by the Engineer;
4. Support of trenches, including any necessary bracing or shoring;
5. De-watering of trenches or any excavation; and
6. Further adjustments to horizontal and vertical alignment due to unforeseen utility conflicts.

Measurement and Payment. This work shall be measured and paid for at the contract unit price **PER FOOT**, as measured along the centerline of the pipe, for:

ADJUSTING WATERMAIN (SIZE SPECIFIED)

Said price shall include the cost of all pipe, fittings, joint materials, hydrostatic test, disinfection of watermain, removal and disposal of old watermain and all excavation, and incidental work specified herein. Trench backfill will be measured and paid for as specified in the SPECIAL PROVISION for TRENCH BACKFILL, included elsewhere herein.

SP-25 ADJUSTING WATER SERVICE LINES

Description. This work shall consist of adjusting (replacing) water service lines required where the proposed storm sewer is in direct conflict with the existing water service line in accordance with Section 563 of the Standard Specifications and as specified herein. The service shall be replaced from the corporation to the b-box valve. It is recommended that all water services to be adjusted will be either pushed or augered. **If open cutting the road is necessary, excavation, removal of excavation from site, support of trenches, material (pipe, fittings, valves), trench backfill, compacting of trench backfill, and all other items required to perform the work will be considered incidental.** Pavement removal and pavement restoration will be paid for under FULL DEPTH PAVEMENT REMOVAL and HMA SURFACE AND BINDER COURSES.

Materials. The water service line shall be copper tube – Type “K” of the required diameter with Ford or McDonald Compression Type Fittings.

Measurement and Payment. The work shall be paid for at the contract unit price per **EACH** for:

ADJUSTING WATER SERVICE LINES

which price shall include all work as described above.

SP-26 SANITARY SERVICE RECONNECTION

Description: This work shall consist of the reconnection of existing sanitary services disturbed during the installation of the proposed storm sewer. A service reconnection shall be considered whenever the storm sewer passes less than eighteen inches above or any distance below the service. **THE CONTRACTOR MUST MAKE AN ATTEMPT TO AVOID DISTURBING THE SERVICE. ANY SERVICES DETERMINED BY THE ENGINEER TO BE DELIBERATELY DISTURBED WILL NOT BE CONSIDERED FOR PAYMENT. NO RECONNECTION SHALL BE CONSIDERED FOR PAYMENT UNLESS WITNESSED AND APPROVED BY THE ENGINEER.**

The existing service pipe shall be cut one and one-half foot beyond the walls of the water main trench in a manner that provides a neat and smooth joint. The reconnection of the new and existing pipes shall be made with PVC pipe grade SDR 26, ASTM D2241, 160 psi pressure pipe, or better with push-on bell and spigot type with rubber ring seal gasket ASTM D3139. See detail on plans.

Non-shear couplings (couplings with stainless steel shear ring) shall be used to connect pipes of dissimilar material or size – FLEX-SEAL Adjustable Repair Couplings. The excavation shall be backfilled with TRENCH BACKFILL to a point one foot above the top of the sanitary service. Backfill shall be placed in lifts and firmly compacted such that no future settlement occurs. **NO RECONNECTION SHALL BE BACKFILLED UNTIL INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE DOWNERS GROVE SANITARY DISTRICT (630-969-0664).**

Basis of Payment: This work will be paid for at the contract unit price **EACH** for:

SANITARY SERVICE RECONNECTION,

which price shall be payment in full for all work as specified herein.

SP-27 ADJUSTING SANITARY SERVICE LINES

Description. This work shall consist of adjusting (replacing) sanitary service lines required where the proposed storm sewer is in direct conflict with the existing sanitary service line in accordance with Section 563 of the Standard Specifications and as specified herein, with the exception that adjustments (replacements) shall be constructed in addition to the “Sewer and Water Specs” per the Downers Grove Sanitary District’s specifications for sewer construction, and that this item will be paid for per EACH adjustment. **Excavation, removal of excavation from site, support of trenches, material (pipe, fittings, etc.), trench backfill, compacting of trench backfill, and all other items required to perform the work will be considered incidental.** Pavement and parkway restoration will be paid for separately under pavement removal, sidewalk removal, HMA surface and binder placement, sidewalk placement, and sod restoration.

Materials. All material shall abide by Downers Grove Sanitary District specifications for sewer construction.

Measurement and Payment. The work shall be paid for at the contract unit price per **EACH** for:

ADJUSTING SANITARY SERVICE LINES

which price shall include all work as described above.

SP-28 TEMPORARY SURFACE OVER TRENCH - (Type), 6”

Description: This work shall consist of construction, maintenance, and removal of an aggregate surface course for temporary roads and approaches as specified in Section 107.09 of the SSRBC.

Aggregate surface shall be constructed in accordance with the applicable portions of Section 402 of the SSRBC, except that the equipment required for the work will be as directed by the Engineer.

Maintenance shall consist of placing and compacting additional aggregate of the same type and gradation as the surface aggregate.

Aggregate used for temporary access shall be of CA-6 gradation and shall meet the requirements of Section 1004.04 of SSRBC, except the use of crushed concrete and slag will not be allowed. The top portion of the temporary aggregate surface will be capped with four inches (4”) of **bituminous grindings** to assist with dust control.

When the use of the aggregate for temporary roads and approaches is discontinued, the surface aggregate placed in its construction and maintenance shall be removed and either utilized in the permanent construction or otherwise disposed of as specified in Section 202.03.

Basis of Payment: This work shall be paid for at the contract unit price per **SQUARE YARD** for

TEMPORARY SURFACE OVER TRENCH – [AGGREGATE], 6”,

which price shall include all the labor, material, and equipment necessary for furnishing, placing, maintaining,

removing and disposing of the aggregate surface or the bituminous patching material surface with aggregate sub-base, used in the construction of temporary road and drive approach surfaces. These items shall also include the maintenance of the temporary pavement.

SP-29 AGGREGATE SHOULDERS, TYPE B

Description: This item shall be done in accordance with Sec. 481 of the SSRBC and shall consist of the construction of approximate two (2) foot wide, four (4) inch deep shoulders or as directed by the Engineer in the area designated by the Engineer.

Unless otherwise directed by the Engineer, existing shoulders with elevations that are too high to accept the proposed aggregate shoulder shall be scraped or excavated as necessary prior to placement of new aggregate. This provision shall also apply to existing shoulders that contain too much vegetation or topsoil. Unnecessary damage or debris outside the designated shoulder area shall be removed and repaired and will not be paid for separately but shall be considered incidental to the cost of Aggregate Shoulders, Type B.

Basis of Payment: This work will be paid for at the contract unit price per **SQUARE YARD** for

AGGREGATE SHOULDERS, TYPE B,

which price shall be payment in full for the work as specified herein.

SP-30 POROUS GRANULAR EMBANKMENT, SUBGRADE SPECIAL

Description: This work shall be done in accordance with the included District One special provision for Porous Granular Embankment, Subgrade and the following provisions.

This work shall also consist of removing and disposing of unsuitable sub-grade per the applicable portions of Section 202 of the Standard Specifications.

HMA grindings resulting from hot-mix asphalt surface removal, substantially meeting the gradation of CA-6, shall also be permitted for use as the specified granular cap. The granular cap shall be compacted to the satisfaction of the Engineer. It shall be the Contractor's responsibility that all proposed bituminous replacement regarding patching and paving operations in these areas will meet the specified performance criteria of their respective pay items.

This work will be measured for payment in accordance with Article 207.04 of the Standard Specifications. When specified on the contract, the theoretical elevation of the bottom of the aggregate subgrade shall be used to determine the upper limit of Porous Granular Embankment, Subgrade. The volume will be computed by the method of average end areas.

Basis of Payment: This work shall be paid for at the contract unit price per **CUBIC YARD** for

POROUS GRANULAR EMBANKMENT, SUBGRADE SPECIAL,

which price shall be payment in full for the work as specified herein. The Porous Granular Embankment, Subgrade Special shall be used as field conditions warrant at the time of construction. No adjustment in unit price will be allowed for an increase or decrease in quantities from the estimated quantities shown on the

plans.

Geotechnical Exploration Report

(A PDF copy of the Geotechnical Exploration Report for the Sterling Road Storm Sewer project, generated by Testing Service Corporation, dated May 3, 2013 has been provided on CD.)

V. BID and CONTRACT FORM (Village)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

Archon Construction Co Inc

May 24th 2013

Company Name

Date

563 S RT 53

Street Address of Company

E-mail Address

Addison IL 60101

Garry Sementa

City, State, Zip

Contact Name (Print)

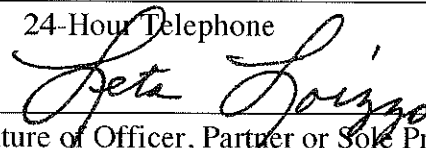
(630) 495-0015

Business Phone

24-Hour Telephone

(630) 620-1295

Business Fax


Signature of Officer, Partner or Sole Proprietor

Leta Loizzo - President

Print Name & Title

ATTEST: if a Corporation


Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within the timeframe specified herein and in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

V. BID and CONTRACT FORM (Contractor)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

Archon Construction Co Inc

May 24th 2013

Company Name

Date

563 S RT 53

Street Address of Company

E-mail Address

Addison IL 60101

Garry Sementa

City, State, Zip

Contact Name (Print)

(630) 495-0015

Business Phone

24-Hour Telephone

(630) 620-1295

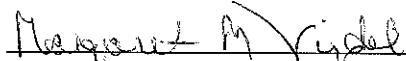
Business Fax

Signature of Officer, Partner or Sole Proprietor

Leta Loizzo - President

Print Name & Title

ATTEST: if a Corporation



Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within the timeframe specified herein and in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

Village of Downers Grove – Sterling Road Storm Sewer (SW-077-13)

SCHEDULE OF PRICES:

Base Bid					
Demolition & Debris Removal					
#	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL COST
67100100	MOBILIZATION	LSUM	1	2,232.00	2,232.00
SP-17	CONSTRUCTION STAKING AND RECORD DRAWINGS	LSUM	1	3,893.50	3,893.50
SP-16	PRECONSTRUCTION VIDEOTAPING	LSUM	1	390.00	390.00
SP-4	TREE PROTECTION	FOOT	300	10.40	3,120.00
SP-19	STREET SWEEPING AND DUST CONTROL	HOURL	5	325.00	1,625.00
SP-18	TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS	LSUM	1	14,300.00	14,300.00
SP-12	DRAINAGE STRUCTURES TO BE REMOVED	EACH	2	301.00	602.00
SP-13	STORM SEWER / CULVERT REMOVAL, 6" TO 12"	FOOT	140	12.00	1,680.00
SP-9	HMA DRIVEWAY REMOVAL AND REPLACEMENT (3")	SQ YD	26	49.10	1,276.60
SP-10	PCC SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	290	13.70	3,973.00
44000100	FULL DEPTH PAVEMENT REMOVAL	SQ YD	65	47.50	3,087.50
SP-20	ADDITIONAL HAULING SURCHARGE, SPECIAL WASTE	LOAD	20	784.10	15,628.00
Subtotal					51,861.60
Drainage Improvements					
#	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL COST
SP-14	STORM SEWER, C900 PVC, 12" [OPEN TRENCH INSTALLATION]	FOOT	138	73.40	10,129.20
SP-21	STORM SEWER, HDPE, 12" [HDD INSTALLATION]	FOOT	577	206.50	119,150.50
SP-14	STORM SEWER, GALV. CMP, 12"	FOOT	25	70.20	1,755.00
SP-5	TRENCH BACKFILL	CU YD	150	64.20	9,630.00
SP-6	EXPLORATION TRENCH (5' MINIMUM PER LOCATION)	FOOT/60-INCH DEPTH	30	155.50	4,665.00
SP-15	CATCH BASIN, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2,090.50	4,181.00
SP-15	CATCH BASIN, TYPE A, 4'-DIAMETER, SPECIAL GRATE	EACH	2	2,177.00	4,354.00
SP-15	CATCH BASIN, 6'-DIAMETER, 6' SUMP, SPECIAL GRATE	EACH	1	12,082.00	12,082.00
SP-22	RESTRICTOR PLATE, 8" ORIFICE	EACH	1	2,184.00	2,184.00
SP-23	CONFLICT MANHOLE TYPE A, T1F, CL, 6' DIA.	EACH	1	4,895.70	4,895.70
SP-24	ADJUSTING DIP WATERMAIN, 6", CL52	FOOT	20	315.70	6,314.00
SP-24	ADJUSTING DIP WATERMAIN, 8", CL52	FOOT	20	321.10	6,422.00
SP-25	ADJUSTING WATER SERVICE LINES	EACH	2	658.00	1,316.00
SP-26	SANITARY SERVICE RECONNECTION	EACH	2	532.50	1,065.00
SP-27	ADJUSTING SANITARY SERVICE LINES	EACH	2	853.00	1,706.00
Subtotal					189,849.40
Pavement and Parkway Restoration Improvements					
#	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL COST
40600100	BITUMINOUS MATERIALS, PRIME COAT	GAL	30	4.20	126.00
40603310	HOT MIX ASPHALT SURFACE COURSE, MIX C, N50	TON	15	173.10	2,596.50
40603080	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	30	195.00	5,850.00
SP-28	TEMPORARY SURFACE OVER TRENCH	SQ YD	65	72.30	4,699.50
SP-7	PARKWAY GRADING AND SOD RESTORATION, SALT TOLERANT SO	SQ YD	360	32.50	11,700.00
SP-29	AGGREGATE SHOULDERS, TYPE B	SQ YD	45	13.40	603.00
SP-11	DETECTABLE WARNINGS	SQ FT	40	23.40	936.00
SP-30	POROUS GRANULAR EMBANKMENT, SUBGRADE SPECIAL	CU YD	20	31.40	628.00
Subtotal					27,139.00
Total Base Bid				268,850.00	
Alternate Bid					
#	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL COST
SP-21	STORM SEWER, RESTRAINED JOINT PVC, 12" [HDD INSTALLATION]	FOOT	577	193.70	111,764.90
SP-21	STORM SEWER, HDPE, 12" [HDD INSTALLATION]	FOOT	-577	206.50	-119,150.50
(this line equals total base bid + PVC HDD item - HDPE HDD item)					Total Alternate Bid
					-7,385.60

BIDDER'S CERTIFICATION (page 1 of 3)

With regard to Sterling Road Storm Sewer, Bidder Archon Construction Co Inc
(Name of Project) (Name of Bidder)

hereby certifies the following:

1. Bidder is not barred from bidding this Contract as a result of violations of Section 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33E-4 (Bid-Rotating);
2. Bidder certifies that it has a written sexual harassment policy in place and full compliance with 775 ILCS 5/2-105(A)(4);
3. Bidder certifies that not less than the prevailing rate of wages as determined by the Village of Downers Grove, DuPage County or the Illinois Department of Labor shall be paid to all laborers, workers and mechanics performing work for the Village of Downers Grove. All bonds shall include a provision as will guarantee the faithful performance of such prevailing wage clause. Bidder agrees to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*, for all work completed. Bidder agrees to pay the prevailing wage and require that all of its subcontractors pay prevailing wage to any laborers, workers or mechanics who perform work pursuant to this Contract or related subcontract. Bidder and each subcontractor shall keep or cause to be kept an accurate record of names, occupations and actual wages paid to each laborer, workman and mechanic employed by the Bidder in connection with the contract. This record shall be sent to the Village on a monthly basis along with the invoice and shall be open to inspection at all reasonable hours by any representative of the Village or the Illinois Department of Labor and must be preserved for four (4) years following completion of the contract. Bidder certifies that Bidder and any subcontractors working on the project are aware that filing false payroll records is a Class A misdemeanor and that the monetary penalties for violations are to be paid pursuant to law by the Bidder, contractor and subcontractor. The Village shall not be liable for any underpayments. If applicable: Since this is a contract for a fixed public works project, as defined in 820 ILCS 130/2, Contractor agrees to post at the job site in an easily accessible place, the prevailing wages for each craft or type of worker or mechanic needed to execute the contract or work to be performed;
4. Bidder certifies that it is in full compliance with the Federal Highway Administrative Rules on Controlled Substances and Alcohol Use and Testing, 49 C.F.R. Parts 40 and 382 and that all employee drivers are currently participating in a drug and alcohol testing program pursuant to the Rules;
5. Bidder further certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue, or that Bidder is contesting its liability for the tax delinquency or the amount of a tax delinquency in accordance with the procedures established by the appropriate Revenue Act. Bidder further certifies that if it owes any tax payment(s) to the Department of Revenue, Bidder has entered into an agreement with the Department of Revenue for the payment of all such taxes that are due, and Bidder is in compliance with the agreement.

BIDDER'S CERTIFICATION (page 2 of 3)

BY: _____

Bidder's Authorized Agent

3	6	-	2	9	2	2	0	9	7
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FEDERAL TAXPAYER IDENTIFICATION NUMBER

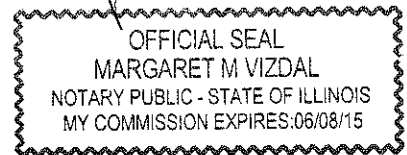
OR _____

Social Security Number

Subscribed and sworn to before me

this 24th day of May, 2013

Margaret M. Vizdal
Notary Public



(Fill Out Applicable Paragraph Below)

(a) Corporation

The Bidder is a corporation organized and existing under the laws of the State of Illinois, which operates under the Legal name of Archon Construction Co Inc, and the full names of its Officers are as follows:

President: Leta Loizzo

Secretary: Margaret Vizdal

Treasurer: Leta Loizzo

and it does have a corporate seal. (In the event that this bid is executed by other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation which permits the person to execute the offer for the corporation.)

(b) Partnership

Signatures and Addresses of All Members of Partnership:

BIDDER'S CERTIFICATION (page 3 of 3)

The partnership does business under the legal name of: _____
which name is registered with the office of _____ in the state of _____.

(c) Sole Proprietor

The Bidder is a Sole Proprietor whose full name is: _____
and if operating under a trade name, said trade name is: _____
which name is registered with the office of _____ in the state of _____.

6. Are you willing to comply with the Village's insurance requirements within 13 days of the award of the contract? Yes

INSURER'S NAME: Assurance Agency Ltd.

AGENT: Bill Reidinger

Street Address: 1750 E Golf Rd

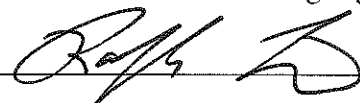
City, State, Zip Code: Schaumburg IL 60173

Telephone Number: (847) 463-7251

I/We hereby affirm that the above certifications are true and accurate and that I/we have read and understand them.

Print Name of Company: Archon Construction Co Inc

Print Name and Title of Authorizing Signature: Ralph Loizzo - Accounting Manager

Signature: 

Date: May 24, 2013

MUNICIPAL REFERENCE LIST

Municipality: Village of Palatine
Address: 200 E Wood St, Palatine IL 60067
Contact Name: George Ruppert, Asst Vlg Eng. Phone #: 847-359-9025
Name of Project: 2009 Watermain Improvements
Contract Value: \$468,000 Date of Completion: January 2009

Municipality: Village of Westmont
Address: 39 W Burlington Ave, Westmont IL 60559
Contact Name: Michael Ramsey Phone #: (630) 981-6289
Name of Project: 2012 Watermain Replacement
Contract Value: \$774,700 Date of Completion: Spring 2013

Municipality: Village of Wheeling
Address: 233 W Hintz Rd Wheeling IL 60090
Contact Name: Tony Stavros, Dir of P/W Phone #: (847) 229-4717
Name of Project: 2011 Watermain Improvements
Contract Value: \$1,330,000 Date of Completion: April 2012

Municipality: _____
Address: _____
Contact Name: _____ Phone #: _____
Name of Project: _____
Contract Value: _____ Date of Completion: _____

Municipality: _____
Address: _____
Contact Name: _____ Phone #: _____
Name of Project: _____
Contract Value: _____ Date of Completion: _____

SUBCONTRACTORS LIST

The Bidder hereby states the following items of work will not be performed by its organization. (List items to be subcontracted as well as the names, addresses and phone numbers of the subcontractors.)

1) Beary Landscaping Type of Work Landscaping/Restoration

Addr: 15001 W 159th St City Lockport State IL Zip 60441

2) Professional Paving & Concrete Inc Type of Work Asphalt/Paving

Addr: 1N282 Park Blvd City Glen Ellyn State IL Zip 60137

3) _____ Type of Work _____

Addr: _____ City _____ State _____ Zip _____

4) _____ Type of Work _____

Addr: _____ City _____ State _____ Zip _____

5) _____ Type of Work _____

Addr: _____ City _____ State _____ Zip _____

6) _____ Type of Work _____

Addr: _____ City _____ State _____ Zip _____

7) _____ Type of Work _____

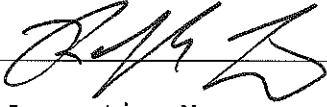
Addr: _____ City _____ State _____ Zip _____

8) _____ Type of Work _____

Addr: _____ City _____ State _____ Zip _____

CERTIFICATION OF QUALIFICATIONS

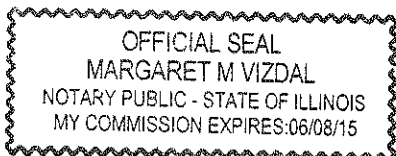
The proposer hereby certifies that he complies with all requirements of SP-3, and has provided detailed supporting information.

Signed by:  (Corporate Seal)
Title: Accounting Manager
Name & Address: Archon Construction Co Inc
(contractor or vendor) 563 S RT 53
Addison IL 60101

Project: STERLING ROAD STORM SEWER

Subscribed and sworn to before
me this 24th day of May, 2013


Notary Public





VENDOR W-9 REQUEST FORM

The law requires that we maintain accurate taxpayer identification numbers for all individuals and partnerships to whom we make payments, because we are required to report to the I.R.S all payments of \$600 or more annually. We also follow the I.R.S. recommendation that this information be maintained for all payees including corporations.

Please complete the following substitute W-9 letter to assist us in meeting our I.R.S. reporting requirements. The information below will be used to determine whether we are required to send you a Form 1099. Please respond as soon as possible, as failure to do so will delay our payments.

BUSINESS (PLEASE PRINT OR TYPE):

NAME: Archon Construction Co Inc
 ADDRESS: 563 S RT 53
 CITY: Addison
 STATE: IL
 ZIP: 60101
 PHONE: (630) 495-0015 FAX: (630) 620-1295
 TAX ID #(TIN): 36-2922097

(If you are supplying a social security number, please give your full name)

REMIT TO ADDRESS (IF DIFFERENT FROM ABOVE):

NAME: _____
 ADDRESS: _____
 CITY: _____
 STATE: _____ ZIP: _____

TYPE OF ENTITY (CIRCLE ONE):

Individual	Limited Liability Company –Individual/Sole Proprietor
Sole Proprietor	Limited Liability Company-Partnership
Partnership	Limited Liability Company-Corporation
Medical	<u>Corporation</u>
Charitable/Nonprofit	Government Agency

SIGNATURE: [Signature] DATE: May 24th 2013

Apprenticeship and Training Certification

(Does not apply to federal aid projects. Applicable only to maintenance and construction projects that use Motor Fuel Tax funds or state grant monies.)

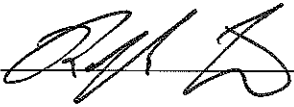
Name of Bidder: Archon Construction Co Inc

In accordance with the provisions of Section 30-22 (6) of the Illinois Procurement Code, the Bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The Bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approval either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this Contract, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Illinois Department of Labor, at any time before or after award, may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. Applicable apprenticeship and training programs are those that have been approved and registered with the United States Department of Labor. The Bidder shall list in the space below, the official name of the program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the Bidder is a participant and that will be performed with the Bidder's forces. Types of work or craft work that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category that does not have an applicable apprenticeship or training program. **The Bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. Return this with the Bid.**

Laborers District Council of Chicago, Operating Engineers Local 150

The requirements of this certification and disclosure are a material part of the Contract, and the Contractor shall require this certification provision to be included in all approved subcontracts. In order to fulfill this requirement, it shall not be necessary that an applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this Contract.

Print Name and Title of Authorizing Signature: Ralph Loizzo - Accounting Manager

Signature: 

Date: May 24th 2013

BUY AMERICA CERTIFICATION

Certification requirement for procurement of steel, iron, or manufactured products when Federal funds (Grant Agreement or Cooperative Agreement) are used.

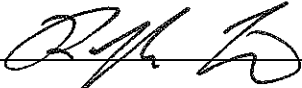
Instructions:

Bidder to complete the Buy America Certification listed below. Bidder shall certify EITHER COMPLIANCE OR NON-COMPLIANCE (not both). This Certification MUST BE submitted with the Bidder's bid response.

Special Note: Make sure you have signed only one of the above statements – either Compliance OR Non-Compliance (not both).

Certificate of Compliance

The bidder or offeror hereby certifies that it **will meet** the requirements of 49 U.S.C. 5323(j)(1), as amended, and the applicable regulations in 49 CFR Part 661.

Signature 

Company Name Archon Construction Co Inc

Title Accounting Manager

Date May 24th 2013

Certificate of Non-Compliance

The bidder or offeror hereby certifies that it **cannot comply** with the requirements of 49 U.S.C. 5323(j)(1), as amended, and 49 C.F.R. 661, but it may qualify for an exception pursuant to 49 U.S.C. 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 C.F.R. 661.7.

Signature _____

Company Name _____

Title _____

Date _____

AFTER THIS CERTIFICATE HAS BEEN EXECUTED, A BIDDER MAY NOT SEEK A WAIVER.

Note: The U.S/Canadian Free Trade Agreement does not supersede the Buy America requirement.

Suspension or Debarment Certificate

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$100,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

By submitting this offer and signing this certificate, the Bidder certifies to the best of its knowledge and belief, that the company and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal, state or local governmental entity, department or agency;
2. Have not within a three-year period preceding this Bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction, or convicted of or had a civil judgment against them for a violation of Federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal/contract had one or more public transactions (Federal, State or local) terminated for cause or default.

If the Bidder is unable to certify to any of the statements in this certification, Bidder shall attach an explanation to this certification.

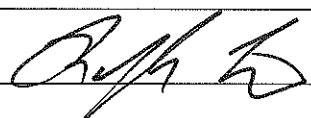
Company Name: Archon Construction Co Inc

Address: 563 S RT 53

City: Addison IL Zip Code: 60101

Telephone: (630) 495-0015 Fax Number: (630) 620-1295

E-mail Address: _____

Authorized Company Signature: 

Print Signature Name: Ralph Loizzo Title of Official: Accounting Manager

Date: May 24th 2013

CAMPAIGN DISCLOSURE CERTIFICATE

Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate.

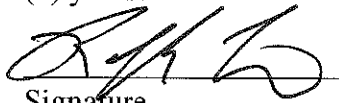
The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

By signing the bid documents, contractor/proposer/bidder/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

Under penalty of perjury, I declare:

☒ Bidder/vendor has not contributed to any elected Village position within the last five (5) years.


Signature

Ralph Loizzo
Print Name

☐ Bidder/vendor has contributed a campaign contribution to a current member of the Village Council within the last five (5) years.

Print the following information:

Name of Contributor: _____
(company or individual)

To whom contribution was made: _____

Year contribution made: _____ Amount: \$ _____

Signature

Print Name

BID SUBMITTAL CHECKLIST

Each Bidder's Bid Package must be submitted with all requisite forms properly completed, and all documentation included. The following list is not all-inclusive, but is designed to facilitate a good, competitive bidding environment.

1. ☐ Instructions to Bidders read and understood. Any questions must be asked according to the instructions.
2. ☐ Cover sheet filled-in
3. ☐ Bid Form copies filled-in. All copies must have original signatures and seals on them.
4. ☐ Bid Bond or cashier's check enclosed with bid package.
5. ☐ Schedule of Prices completed. Check your math!
6. ☐ Bidder Certifications signed and sealed.
7. ☐ Letter from Surety ensuring issuance of Performance and Labor Bonds.
8. ☐ Letter from Insurance Agent or Carrier ensuring issuance of required job coverage.
9. ☐ Municipal Reference List completed.
10. ☐ Certification of Qualifications
11. ☐ Vendor request form W-9 completed.
12. ☐ Affidavit (IDOT Form BC-57, or similar).
13. ☐ Bid package properly sealed and labeled before delivery. If sending by mail or messenger, enclose in a second outer envelope or container. Project plan sheets do not have to be included with the bid package.

**VILLAGE OF DOWNERS GROVE
DEPARTMENT OF PUBLIC WORKS
RESUBMITTAL
FOR
STERLING STORM SEWER
SW-077**

Bidders:

Upon further review of the submitted bids, it does not appear that the following items were submitted and/or addressed by any of the bidders:

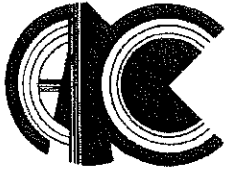
1. Requirements set forth in Special Provision #3 (copied below for reference)
2. Letter from Surety ensuring issuance of Performance and Labor Bonds
3. Letter from Insurance Agent or Carrier ensuring issuance of required job coverage
4. Affidavit (IDOT Form BC-57, or similar)

We would like to give you this opportunity to resubmit documentation as requested in the Call for Bid document, specifically the items mentioned above, so that we may reconsider all responsible bidders. All documentation shall be sent to the Village of Downers Grove, 5101 Walnut Avenue, ATTN: Jim Tock, in a sealed envelope marked "Sterling Storm Sewer – Resubmittal". This information shall be submitted on or before Friday, May 31, 2013 @ 9:00 a.m. PLEASE NOTE THAT NO RE-SUBMITTAL OR REVISION OF ANY PORTION OF THE BID DOCUMENTS WILL BE ACCEPTED. BIDDERS SHALL ONLY RE-SUBMIT INFORMATION RELATIVE TO THE ITEMS MENTIONED ABOVE.

SP-3 QUALIFICATIONS OF BIDDER

In addition to those requirements set forth in Section 10.1 above, in order to be considered a responsible bidder, the bidder must have particular expertise in having successfully constructed projects of a similar size and scope, specifically including open trench and horizontal directional drilling (HDD) installation of utility pipes of similar diameter, of similar material, over similar lengths, and with similar subsurface conditions. The Bidder must submit the following information for itself and for each open-trench or HDD storm sewer sub-contractor:

- a. Similar Project Experience
 - i. Bidder must provide detailed information regarding past similar projects performed by the submitting firm within the past five (5) years.
 - ii. Bidder must submit a list of references of previous projects identifying the location of the work, the dollar value of the work, the owner or agency responsible for the work, and the name and phone number of the contact person.
 - iii. Bidder must submit the Certification of Qualifications form with the Bid.
- b. Proposed Project Team - identify a project manager and full-time onsite construction supervisor (can be the same person), with qualifications. The individuals proposed must be utilized for the duration of this project unless an alternate is approved in writing by the Village.



ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS

*"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"*

Work Experience / References

AT&T

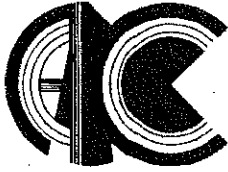
Archon Construction is in its 36th year of its relationship with AT&T as a contractor. Various work currently being performed include the following:

- Directional Boring
- Manhole Installation
- Conduit Installation
- Controlled Environment Vault Installation
- Forming and Pouring Concrete Manholes in place
- Cabinet Conduit Installation for Fiber-Optic Video cable
- Electrical Hook-ups
- Concrete Pad Installation for Cabinets
- Duct Rodding and Innerduct Pulling
- Legal Mandated work including moving large duct runs to accommodate road projects
- Duct Supporting
- Restoration of all types of projects

Value of 2012 work for AT&T is \$5,994,000.00

Contact Information:

Debra Fudala, IL Construction CAC Manager
222 W Jackson St
Floor 2
Woodstock IL 60098
Office: (815) 337-1345



ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS

*"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"*

O'Hare Modernization Program for Turner-Lindahl-Concrete Structures

Location: O'Hare Airport

Contract Value: \$1,550,000

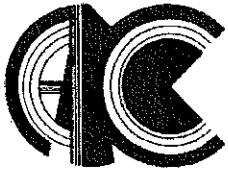
Work performed January 2012 – June 2012

Archon Construction Company provided a support system to accommodate the following, in order for the General Contractor to install a double box culvert at a 28ft depth:

2-24" fuel lines, 2-10 inch fuel lines, 6-8" fuel lines, 16" water main, 6-4" AT&T duct lines, 8" sanitary, 12" gas, 4-4" FAA lines, and 1-6x6x6 concrete manhole (FAA).

Contact Information:

Hank K. Kyas
Project Manager
Turner-Concrete Structures-Lindahl-Triventre
55 East Monroe - Suite 3100
Chicago IL 60603
Office: (312) 327-2775
Cell: (312) 805-0465
Fax: (224) 220-1304



ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS

*"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"*

Water Distribution / Sanitary Installation

Archon Construction for various municipalities as well as for various general contractors installs water main and water services, testing and chlorinating, and restoration. Types of installation include both open-cut and directional bore up to 18" in diameter.

Also Archon performs sanitary sewer installation, as well as lift station installation.

Recent projects include:

- 2012-2013 North Grant and North Adams Improvements – Village of Westmont
Contract Value: \$774,700

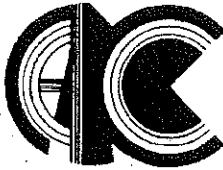
Contact Information:

Ray Koenig
Infrastructure Department Manager
Baxter & Woodman
8840 W 192nd St
Mokena, IL 60448
Office: (708) 478-2090

- 2012 Exxon Mobil Joliet – Gilbane Building Company
Contract Value: \$315,079
- 2012 Hinsdale Township High School – Gilbane Building Company
Contract Value: \$1,400,000
- 2010 Elmhurst Hospital – Gilbane Building Company
Contract Value: \$2,400,000

Contact Information:

Stephanie A. Mueller, Project Manager
Gilbane Building Company
8550 W Bryn Mawr Ave, Ste 500
Chicago, IL 60631
Office: (773) 695-3527



ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS

"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"

The following are sewer & water main jobs that required directional boring specifically

- 2008 Water Main Improvements – Village of Palatine
Contract Value: \$ 467,675.00

Contact Information:

George Ruppert, Assistant Village Engineer
Village of Palatine
200 E Wood St
Palatine, IL 60067
Office: (847) 359-9025

- 2009 Water Main Replacement – City of Countryside
Contract Value: \$ 545,650.00

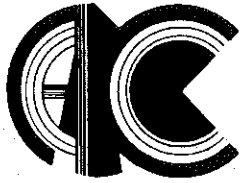
Contact Information:

Robert F. Novotny
Novotny & Associates, Inc.
825 Midway Dr
Willowbrook, IL 60527
Office: (630) 887-8640

- Drendel Rd, Cross St, Ogden Ave Extension – Downers Grove Sanitary District
Contract Value: \$ 614,418.38

Contact Information:

Ted Cherwak
Downers Grove Sanitary District
2710 Curtiss St
Downers Grove, IL 60515-0703
Office: (630) 969-0664



ARCHON CONSTRUCTION CO., INC.

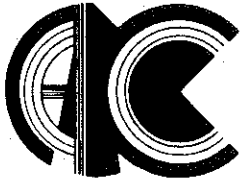
UTILITY CONTRACTORS

"A CERTIFIED Woman's Business Enterprise"
"An Equal Opportunity Employer"

- 2011 Water Main Improvements – Village of Wheeling
Contract Value: \$1,330,000

Contact Information:

Tony Stavros, Director of Public Works
Village of Wheeling
233 W Hintz Rd
Wheeling, IL 60090
(847) 229-4717



ARCHON CONSTRUCTION CO., INC.

UTILITY CONTRACTORS

"A CERTIFIED Woman's Business Enterprise"

"An Equal Opportunity Employer"

Proposed Project Team

Project Manager – Garry Sementa, (630) 495-0015 x126

Garry Sementa has been in the sewer & water construction business for over 30 years, most recently President of C. A. Sementa Contractors Inc. Shaping his business over those many years, Garry has had extensive experience in sales, project estimating, and job accounting.

After terminating his own business, Garry came to Archon as a consultant for the sewer and water division in July 2003. Garry now oversees all operations with that division, including the job estimating, job planning and execution, crew efficiency, and customer satisfaction.

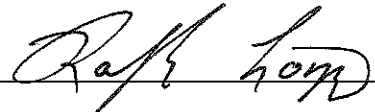
Construction Supervisor – Michael Toniolo, (630) 495-0015 x125

Michael Toniolo has been supervising sewer crews for over 15 years, most recently acting as General Superintendent for Neptune Construction Inc, where he supervised multiple sewer and water main installation crews.

After Neptune closed its doors, Michael joined the Archon team in March of 2011, and acts as a full-time onsite construction supervisor for construction projects.

CERTIFICATION OF QUALIFICATIONS

The proposer hereby certifies that he complies with all requirements of SP-3, and has provided detailed supporting information.

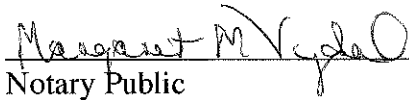
Signed by:  (Corporate Seal)

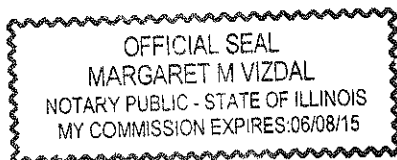
Title: Accounting Manager

Name & Address: Archon Construction Co Inc
(contractor or vendor) 563 S RT 53
Addison IL 60101

Project: STERLING ROAD STORM SEWER

Subscribed and sworn to before
me this 24th day of May, 2013


Notary Public





Chicago, IL | St. Louis, MO
www.assuranceagency.com

May 30, 2013

Mr. Jim Tock
Village of Downers Grove
5101 Walnut Avenue
Downers Grove, IL 60515

RE: Sterling Storm Sewer SW-077

Dear Jim:

Assurance Agency, Ltd. is the binding agent of insurance for Archon Construction Co., Inc.. Their policies are compliant with the specifications set forth for this job.

We have read the requirements set forth in the contract and attest to all provisions. The Certificate of Insurance can be obtained upon award of any future request of service.

If you have any questions, please do not hesitate to contact our office.

Sincerely,

A handwritten signature in black ink that reads "Maggie Cebular".

Maggie Cebular, AIS
Senior Client Service Representative
847.463.7791
mcebular@assuranceagency.com



May 29, 2013

Village of Downers Grove
5101 Walnut Avenue
Downers Grove, IL 60515

RE: Archon Construction Co.
Sterling Storm Sewer, SW-077 Project

Archon Construction Co. is a valued client of Assurance Agency, Ltd. Bonds for Archon Construction Co. are written through Merchants Bonding Company (Mutual) which is rated A. Class VII by A. M. Best and is listed in the Federal Register.

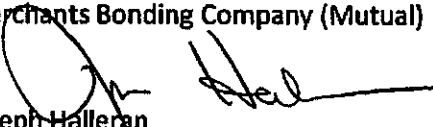
Should you award a contract to Archon on the referenced project, Merchants Bonding Company (Mutual) is prepared to issue performance and payment bonds predicated upon the company continuing to comply with all underwriting terms and conditions and a satisfactory review of contract terms, bond forms and manner of owner financing.

Any arrangement for the final bond or bonds is a matter between Archon Construction Co. and Merchants Bonding Company (Mutual) and we assume no liability to third parties if for any reason we do not execute said bond or bonds.

Merchants Bonding Company (Mutual) has the utmost confidence in the management of Archon Construction Co. and its financial strength to support its endeavors. Assurance Agency, Ltd. as the agent for Archon Construction Co. is located at 1750 East Golf Road, Schaumburg, IL 60173.

Sincerely,

Merchants Bonding Company (Mutual)


Joseph Halleran
Attorney-in-Fact

MERCHANTS
BONDING COMPANY
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Donna M. Tyler, Hina Azam, Karen E. Bogard, William Reidinger, Donna J. Wright, Joseph Halleran

of Schaumburg and State of Illinois their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

FIFTEEN MILLION (\$15,000,000.00) DOLLARS

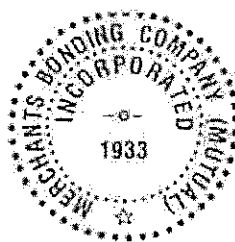
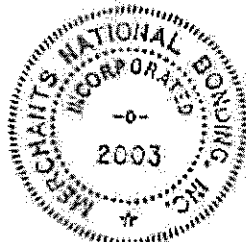
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc. on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 16th day of August, 2012.



MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

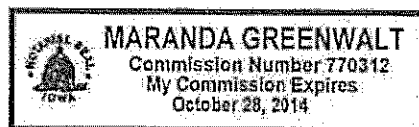
By

Larry Taylor
President

STATE OF IOWA
COUNTY OF POLK ss.

On this 16th day of August, 2012, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seal of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.



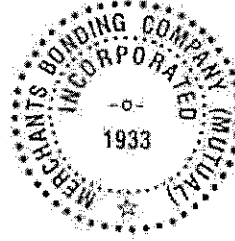
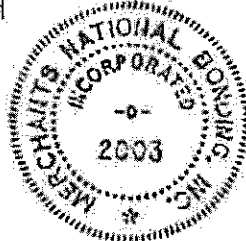
Maranda Greenwalt

Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 29th day of May, 2013.



William Warner Jr.
Secretary



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability For the Letting of Sterling

Storm Sewer

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	Awards Pending	
Contract Number	120260.40 / .60	NONE	NONE	NONE	NONE	
Contract With	Westmont					
Estimated Completion Date	June 2013					
Total Contract Price	774,700.00					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	\$ 219,782.00					\$219,782.00
Uncompleted Dollar Value if Firm is the Subcontractor	0.00					
Total Value of All Work						\$219,782.00

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork	0.00					
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						\$ 0.00
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	NONE	NONE	NONE	NONE	
Type of Work					
Subcontract Price	0.00				
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this 16th day of December, 2011

Type or Print Name Leta Loizzo - President

Officer or Director

Title

Signed

Leta Loizzo

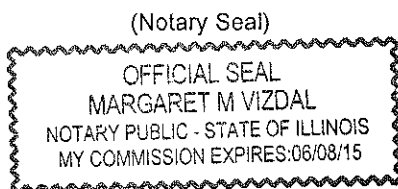
Margaret M. Vizard
Notary Public

My commission expires 06/08/2015

Company Archon Construction Co Inc

Address 563 S RT 53

Addison IL 60101



Front of document features a colored background inside this high resolution border and a white band outside of border. Back of document has blue printing on a white background. Security Document is micro-printed in bottom border and Authorized Signature in signature line.

CASHIER'S CHECK

C 130002575

Date May 23, 2013

2-118710

Pay to the Order of Archon Construction

* Village of Downers Grove *

FIFTEEN THOUSAND DOLLARS AND ZERO CENTS

\$ 15,000.00

dollars



Memo:

130002575 071001180: 171401908

Signature
for Janon

MP

V. BID and CONTRACT FORM (Village)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

Archon Construction Co Inc

May 24th 2013

Company Name

Date

563 S RT 53

Street Address of Company

E-mail Address

Addison IL 60101

Garry Sementa

City, State, Zip

Contact Name (Print)

(630) 495-0015

Business Phone

24-Hour Telephone

(630) 620-1295

Business Fax

Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

Leta Loizzo - President

Print Name & Title



Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within the timeframe specified herein and in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

V. BID and CONTRACT FORM (Contractor)

*****THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award

BIDDER:

Archon Construction Co Inc

May 24th 2013

Company Name

Date

563 S RT 53

Street Address of Company

E-mail Address

Addison IL 60101

Garry Sementa

City, State, Zip

Contact Name (Print)

(630) 495-0015

Business Phone

24-Hour Telephone

(630) 620-1295

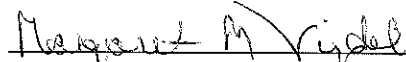
Business Fax

Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

Leta Loizzo - President

Print Name & Title


Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project within the timeframe specified herein and in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

VILLAGE OF DOWNERS GROVE:

ATTEST:

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

CAMPAIGN DISCLOSURE CERTIFICATE

Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate.

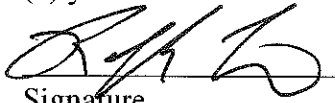
The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

By signing the bid documents, contractor/proposer/bidder/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

Under penalty of perjury, I declare:

☒ Bidder/vendor has not contributed to any elected Village position within the last five (5) years.


Signature

Ralph Loizzo
Print Name

☐ Bidder/vendor has contributed a campaign contribution to a current member of the Village Council within the last five (5) years.

Print the following information:

Name of Contributor: _____
(company or individual)

To whom contribution was made: _____

Year contribution made: _____ Amount: \$ _____

Signature

Print Name

2013-2017 Capital Project Sheet

Project # **SW-077**

Project Description **Sterling Rd/Glendenning Rd Storm Sewer**

Project summary, justification and alignment to Strategic Plan

In 2012, an existing draintile system was located, which runs from Sterling Road to Glendenning Road. This old draintile runs primarily through private property and is in very bad repair. Stormwater draining from Sterling Road surcharges from this system, creating significant drainage issues for the residents. This project will consist of the construction of a new storm sewer system to replace the failed draintile. The new storm sewer will be constructed in public right-of-way and/or easements to facilitate future maintenance and repair.

Cost Summary	New	Maintenance	Replacement	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Future Years	TOTAL
Professional Services					50,000					50,000
Land Acquisition										-
Infrastructure	X				350,000					350,000
Building										-
Machinery/Equipment										-
Other/Miscellaneous										-
TOTAL COST				-	400,000	-	-	-	-	400,000

Funding Source(s)		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Future Years	TOTAL
443-Stormwater Fund	▼		400,000					400,000
	▼							-
	▼							-
	▼							-
TOTAL FUNDING SOURCES		-	400,000	-	-	-	-	400,000

Project status and completed work

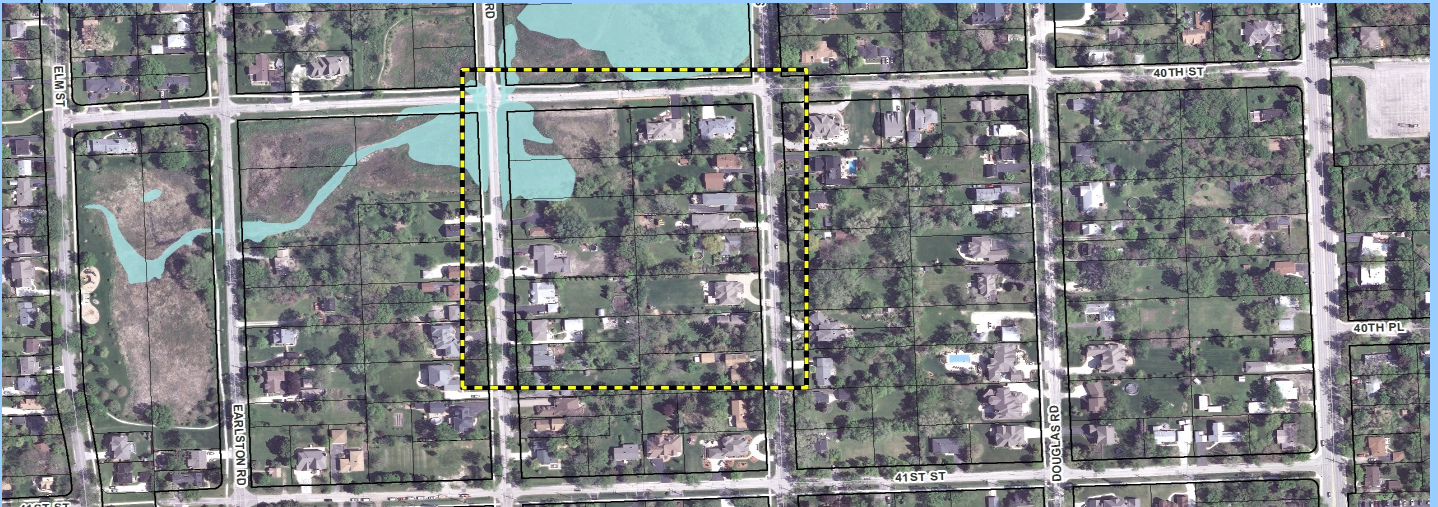
It is anticipated that this project will be designed and constructed in 2014.

Grants (funded or applied for) related to the project.

Impact-annual operating expenses	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Future Yrs	TOTAL
Projected Operating Expense Impact:							-

Project will decrease future operating costs by eliminating the need for pumping, spot repairs and barracading currently being performed by Public Works personnel.

Map/Pictures of Project



Priority Score

Project Manager:

Jim Tock

Program: 347

Department:

Public Works