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OTHER OFFICE LOCATIONS

Delhi Township
Detroit
Grand Rapids
Howell
Jackson
Kalamazoo
Lansing

**ADDENDUM NO. 3
SEWER CLEANING AND TELEVISIONING PROGRAM
CITY OF HOWELL
LIVINGSTON COUNTY, MICHIGAN**

June 8, 2018

HRC Job No. 20160988

ONLINE ONLY

<http://www.hrcengr.com/bid-info/>

INTENT:

This Addendum No. 3 is issued prior to receipt of bids to provide for certain changes and clarifications to the specifications and/or the plans, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the Proposal. The General Conditions and Specifications for the original work and the Contract Drawings are to govern this work unless otherwise revised herein. All other conditions remain the same.

The Bidder shall acknowledge the receipt of this Addendum on Page 00300/5 of the Proposal.

This Addendum is issued because the Genoa Township Treatment Plant does not have capacity to accept vector materials. Therefore, Section 01001, *Special Project Notes*, is being updated to allow contractors the following options for vector material:

1. Storm Sewer vector material can be brought to the Howell WWTP where a drying bed will be available to dump all material
2. Sanitary Sewer vector material can be brought to the Howell WWTP where the contractor will be able to decant the liquids into a sanitary sewer manhole. The contractor will still be responsible for disposal of solids.

Below is contact information for the Howell WWTP:

Mike Spitler - Wastewater Operations

MSpitler@CityofHowell.org

1191 S. Michigan Ave.

Howell, MI 48843

517-546-6230

SPECIFICATION SECTION 01001 – SPECIAL PROJECT NOTES (updated and attached)

The Contractor shall acknowledge receipt of this Addendum No. 3 by signing in the location provided below and incorporating this Addendum No. 3 with the submission of his bid.

Failure to include Addendum No. 3 and its attachments may result in rejection of the bid.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

Helen Davis

HDD/hdd

Enclosures

pc: All Prospective Bidders
City of Howell; Matt Davis, Erv Suida
HRC; K. Stickel, N. Womack, S. Carver, File

Accepted by:

Company Name: _____

Name: _____

Written Name: _____

Address: _____

Telephone: _____ Fax: _____

SECTION 01001
SPECIAL PROJECT NOTES

General:

1. Access to all private drives shall be maintained at all times. In the event that driveway access cannot be maintained, the contractor must notify the home owner at least 24 hours in advance so they may park their car(s) elsewhere, if needed.
2. The contractor shall conduct his operations in such a manner to comply with all Federal, State, and Local codes for noise levels, vibrations, or any other restrictions while removing pavement or for any other construction operations within this contract as incidental to the respective item of work.
3. The contractor shall not enter upon private property for any purpose without obtaining written permission, and he shall be responsible for the preservation of all public property, trees, monuments, etc., along and adjacent to the street and/or rights-of-way, and shall use every precaution necessary to prevent damage or injury thereto, he shall use suitable precautions to prevent damage to pipes, conduits, and other underground structures, and shall protect carefully from disturbance or damage all monuments and property marks until the engineer or authorized agents has witnessed or otherwise referenced their location and shall not remove them until directed.
4. All property irons and monuments disturbed or destroyed by the contractor's operations shall be replaced by a registered land surveyor provided by or caused to be provided by the contractor at the contractor's expense.
5. All private and public signs which are removed shall be relocated or replaced in kind, if damaged, in coordination with the affected property owners and the City, incidental to the project.
6. It is the Contractor's responsibility to field locate and verify the depth of the existing water main system, sanitary sewers, storm sewers, gas mains, service lines and any other utilities along the project route prior to excavating or performing any point repairs. The Contractor shall immediately repair any damaged utility lines at his own expense, with no additional compensation to be provided by the Owner.
7. The linear footage quantities listed in the Proposal and the Bid Unit Prices are from the City's GIS, established from as built reports. These quantities should be used only for establishing unit prices. Actual measured quantities established during the Rehabilitation Program will be used for determining payment as part of the Contractor's monthly pay request.
8. This Contract is based primarily on unit price bids, therefore all bid item work will be paid by actual quantities measured for that item and listed in the Contractor's itemized cost breakdown monthly payment request. No payments shall be made until the Contractor quantities have been approved by the Owner or designated representative. All references to the contrary in these Specifications are superseded by these requirements.

9. The Contractor shall prepare a Health and Safety Plan. The plan shall address but not be limited to the following:

- MIOSHA Standards
- Emergency Phone Numbers
- Local Hospital and Emergency Care Facilities
- Work Hazards
- Confined Entry Procedures

10. A preconstruction meeting shall be scheduled by the Owner. Attendees shall include the Owner and designated representatives, the general contractor, and all subcontractors for this Contract, as well as others as appropriate.

Special Pay Item Notes:

11. The cost for all televising of sewer lines shall be included in the bid unit price for **“Clean and Televis with PACP Reporting for ___” Diameter _____ Sewer, lft.**”, or at the negotiated unit price as indicated in Section 00300 of the Proposal. Payment shall include the following deliverable; NASSCO – compliant PACP Exchange Database. All supervision, labor, equipment, water, electrical bills, disposal of debris, cleanup and any other applicable item required for cleaning; all supervision, labor, equipment, materials, video tapes, still pictures and any applicable electrical service necessary to successfully complete the inspection of the designated lines; and to provide the City with applicable recommendations for corrective actions. This pay item will include internal cleaning of the pipeline which consists of “three-passes” utilizing high pressure jetting equipment, brushes and swabs to allow for passage of the CCTV; removing small amounts of loose debris such as gravel, sand, small rocks, grease and other deleterious materials within the sewer line; and removal of loose mineral deposits up to 25% of sewer diameter (height).
12. Should the sewer line have too much debris or blockage to allow a camera to pass through after the original three passes are made additional cleaning may be required. This work shall commence only upon the approval and direction of the Owner and/or the Owner’s Representative/Engineer and will be defined as the contractor will be paid to remove any blockages under the pay item **“Heavy Cleaning as needed, ___” Diameter _____ Sewer (base bid amount), lft.**”, as described in the Specifications herein.
13. The bid unit price for **“Sewer Lining, CIPP, lft.”** shall include all costs for identifying all active house/lateral leads; cutting protruding leads; the liner materials and installation of the liner; reconnection of active house/lateral leads; traffic maintenance, including flag control, as required, and restoration of any disturbed lawn, landscape and/or pavement areas, as required.
14. Payment for point repair of any section of existing sewer will be paid as **“Point Repair of existing ___” Sewer as required – CIPP, lft.**” and shall include lawn/landscape removal, earth excavation, removal of existing sanitary sewer, furnishing and placement of new C76 CL-IV sewer pipe w/ Modified Groove Tongue (M.G.T.) (Premium Joints), Trench Detail ‘_’ (Compacted Sand Backfill), connection of live sanitary house leads, and restoration of all removed landscaping and disturbed lawn areas with 3” fresh topsoil and seed per the Project Specifications. Appendix B includes typical utility trench (restoration) details. Trench Detail ‘A’ refers to a sewer that is not under the roadbed while Trench Detail ‘B’ refers to a sewer that is either under or within the influence of the roadbed. This item will also include payment for any shoring and bracing system that may be required, traffic maintenance, including flag control, as required, soil erosion and sedimentation control (i.e.,

silt fencing, as required by the Township or the Field Engineer), and construction (orange) fencing for securing loosely-backfilled areas and excavated areas that are left open for any duration the contractor is not working. **For purposes of this bid, all site restoration due to point repairs is considered to be in non-pavement areas. Any Division III point repairs requiring pavement restoration will be established with price negotiations with the contractor and change orders would be issued.**

15. Contractor shall be responsible for making any provisions for the successful completion of the specified televising. Where sags or submerged sections of the sewer are encountered during TV inspection, the contractor shall first complete inspection of the entire reach to determine the extent of such areas prior to dewatering the sewer. Dewatered sections of the sewer shall then be TV inspected.
16. On all sewer mains which have sags or dips, to an extent that the television camera lens becomes submerged during the television inspection, the contractor shall use a high-pressure cleaner to draw the water out of the pipe, or other means, to allow inspection of the pipe and identification of pipe defects, cracks, holes and location of service connections.

Maintenance of Traffic:

17. Access to all drives shall be maintained at all times.
18. Where any lane is closed, the contractor shall notify and advise the City of Howell Police, City of Howell Fire Department, and City of Howell Department of Public Works.
19. Contractor shall commence work within the times allowed by the City of Howell's Ordinance; If night work is needed, contractor must get approval from the City of Howell; Contractor shall be required to have proper signing and traffic control devices, which shall be approved by the Engineer or the City before night work approval will be granted.
20. **All necessary work, including furnishing, operating and maintaining lighted arrow panels, temporary barricades, and signs and providing part-width construction with flag control, are considered to be included in the bid unit price for other bid items, as described herein.**

Special Project Requirements:

21. ENGINEER'S AUTHORITY

The Engineer will not be responsible for the construction means, controls, techniques, sequences, procedures, or construction safety. The Engineer shall have the right to suspend the whole or part of the Work by written order whenever, in the judgment of the Engineer, such suspension is required in the general interest of the City, or if the Contractor has not fulfilled his obligations under the Contract.

22. GENERAL

These specifications form a part of the Specifications and Contract Documents for the Sanitary and Storm Sewer Cleaning and Televising Program in the City of Howell, with the requirements herein specified supplementing and/or superseding those contained in the balance of the Specifications and Contract documents. Construction specifications not addressed herein on the balance of the specifications shall be in accordance with the Eaton County Standard Specifications for Construction.

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23. MOBILIZATION

A lump sum unit price has been provided in the proposal for "Mobilization" shall be as specified in the General Conditions and herein. The contract unit price for Mobilization **shall not exceed five (5) percent** of the Total Amount of Bid minus the amount for this pay item and shall be paid per the General Conditions.

24. INCIDENTAL ITEMS

Any items, which are not called out on the plans, necessary to complete the work as intended shall be considered incidental.

25. NON-COLLUSION AFFIDAVIT

In signing and submitting this agreement, the bidder states that his bid is genuine and not collusive or a sham; such bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other person shall refrain from bidding and has not in any manner, directly or indirectly, colluded, conspired, connived, or agreed, with any person, to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price.

26. EXISTING CONDITIONS

Each bidder shall personally visit the sites of the project and pay particular attention to the existing conditions and the salient features of the project in order to assure him of the amount of equipment, materials, and work required to satisfy the requirements of the project. The Plans include a Map of the project areas.

27. EXISTING UTILITY LOCATIONS

Contractor is responsible for calling MISS DIG 72 hours in advance of construction for assistance in located utilities or for any work to be done on utilities. The toll-free number is 800-482-7171.

28. COOPERATION WITH OTHER CONTRACTORS

The Contractor shall make every effort to cooperate and coordinate with all other contractors working in the area at the time of construction.

29. WATER

If the Contractor desires to use City water for construction, the Contractor will need coordinate with the City's Water Treatment Plant. The Contractor will not be charged for water but will be issued a card to be used at the Plant by the City to track water usage. **No City hydrants may be operated.**

Water Treatment Plant:

Contact: Jim Webster, Water Operations

Email: JWebster@CityofHowell.org

Location: 150 Marion Street, Howell, MI 48843

Hours: Monday – Friday, 7:00 AM – 4:00 PM

Phone: (517) 546-5309

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30. OPERATION OF GATE VALVES AND HYDRANTS

All existing gate valves and hydrants are not to be operated by the Contractor. Hydrants are not to be used for water access.

31. RESTORATION OF SPRINKLER SYSTEMS, LANDSCAPING, AND ELECTRIC ANIMAL CONTAINMENT SYSTEMS

While no specific bid item has been created for repair of sprinkler systems, landscaping, and electric animal containment systems disturbed behind the areas of work, the Contractor shall be responsible to restore those areas equal to what existed prior to the start of construction and shall promptly restore the systems in working order by making temporary or permanent repairs within five (5) days of the initial disruption, incidental to this project.

32. HOURS OF OPERATION

The City of Howell permits construction between the hours of 7:00 A.M. and 7:00 P.M., Monday through Friday. Should the Contractor wish to work Saturdays, permission is needed from the Owner's DPW. No work on Sunday or holidays is allowed. Should an emergency arise which would require working beyond the hours mentioned, the Contractor shall contact the Engineer, who will contact the City, for approval for work beyond the permitted hours.

33. PROJECT TIMING AND COMPLETION DATE

The project must be completed as specified in the proposal. All scheduling shall be subject to the approval of the Owner. The Contractor shall be totally responsible for the construction of the project under scheduling conditions outlined herein and any other scheduling that may be necessary.

34. STORAGE OF MATERIAL

The Contractor shall note the construction site area limitation as they impact storage of excavated and construction materials. The Contractor shall make all necessary provisions for off-site storage as required for his operations. All costs for this work, including permits, shall be considered incidental to the project.

35. MAINTAINING SOLID WASTE (RUBBISH) SERVICES

Rubbish collection shall not be interfered with by the Contractor's operations. If access to certain areas is blocked by the Contractor's operations, he shall transport the rubbish himself to a location accessible to the collection crews, incidental to the project.

36. MAINTAINING POSTAL SERVICES

Postal delivery services shall not be interfered with by the Contractor's operations. If a mail box and/or newspaper box must be removed due to the project construction, the Contractor must temporarily reset the box so as to maintain uninterrupted service. Any damage to the box caused by the Contractor, necessitating replacement parts including the reinstallation of wood or metal posts, shall be taken care of by the Contractor at his own expense. The Contractor shall be responsible for resetting boxes at their

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original locations in accordance with postal regulations and policy. All associated costs with this item are to be considered incidental to the project.

37. WORK VEHICLES.

- a) All work vehicles and equipment shall be on the pavement sections of the roadway and protected by the Contractor's Traffic Control Devices. Refer to the Maintenance of Traffic Specification for further detail (02550). Anything that is placed or driven in the greenbelt, will be considered a disturbed area; refer to RESTORATION OF DISTURBED AREAS below.
- b) The Contractor shall make whatever provisions necessary to allow the Owners/Engineer personnel access to the Televising Inspection Vehicles.

38. RESTORATION OF DISTURBED AREAS

All disturbed areas are to be restored to existing conditions with topsoil and seed, incidental to the project costs. Restoration of disturbed areas to occur within three (3) days of disturbance, weather permitting. This shall include restoration of lawn areas as stated herein and restoration of all pavement areas as indicated in these specifications. As stated in the Proposal, all costs related to restoration to pavement, lawn and landscape shall be considered a part of the bid item for lining and/or other bid items.

39. INSURANCE FOR GRASS GROWTH

This Contract will not be final accepted by the City of Howell until all work is completed and all disturbed landscape is restored to the same approximate condition as existed prior to construction.

To insure a dense growth of grass along all landscaped areas, a minimum amount of \$1,500.00 or additional amount as deemed warranted by the Engineer, may be withheld from payment to the Contractor. Upon satisfactory grass growth, the City will promptly make payment to the Contractor.

40. MANHOLE FIXTURES

In some instances, flow monitoring devices such as meters may be located in the manholes on the sanitary sewer line to be inspected. The Contractor is to use caution and care around these fixtures. Any damage or contact with these devices must be immediately reported to the Engineer. All costs to repair/replace these devices shall be the responsibility of the Contractor.

41. M.I.O.S.H.A. STANDARDS

All work performed by the Contractor must conform to the current M.I.O.S.H.A. standards and requirements for confined space entry. If required by the City, the Contractor will be required to sign a waiver stating that he has read, understood and will comply to M.I.O.S.H.A. requirements.

42. RESIDENT COMPLAINTS

The Contractor will be required to immediately address any resident complaints or concerns. Should the Contractor not be able to answer the resident, they must be directed to the Engineer. At no time shall the Contractor or any resident as directed by the Contractor directly contact the City.

43. CLEANING PRESSURES

The Contractor shall be responsible for maintaining the cleaning pressure at a level so as not to cause problems at residences along the sewer route. Excess pressure may cause toilet backups, drain overflows, dry traps, etc. The Contractor shall reduce the pressures at the direction of the Engineer or if notified by a resident that such problems are occurring. By reducing the pressure, additional cleaning time or passes through the sewer may be needed and shall be done at no additional cost to the Owner. The contractor may also need to install temporary screens or another mechanism on each end of any emergency repair section that would prohibit any residual resin from discharging into sewers outside of the project area.

44. NOTIFICATIONS

The Contractor shall notify the City a minimum of 7 days prior to beginning work. The letter shall include a toll free 24-hour phone number for residents/businesses to notify in case of a sewage backup or questions. The notification letter shall include the Contractor's name and a description of the work to be done. The Contractor shall provide an operator who shall monitor calls 24 hours a day and notify the Contractor immediately if an urgent matter such as if a sewage backup occurs. The Owner shall be notified immediately of any urgent matters that need to be taken. The Contractors on site supervisor shall daily update the Owner of Resident/Business complaints. The Contractor shall hand deliver the "Resident Notification Letters" to the areas impacted by Rehabilitation activities to notify the residents and businesses two (2) days prior to commencing of their scheduled work. A second notification shall be made the day before commencing work. The Contractor shall keep a list of resident/businesses complaints and actions taken to respond to the complaints for a weekly review by the Owner/Engineer.

45. NON-DISCRIMINATION CLAUSE

By signing and submitting this proposal for consideration by the Owner, the Contractor covenants not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status or a handicap that is unrelated to the individual's ability to perform the duties of a particular job or position. Breach of this covenant may be regarded as a material breach of the contract.

46. CLEANING OF STRUCTURES

The Contractor shall protect all structures. All materials that enter the structures as a result of the Contractor's operations shall be removed immediately. Prior to final acceptance of the project, all structures within the construction area shall be thoroughly cleaned of all debris.

47. MAINTAINING FLOW

The Contractor shall perform the work so that the flow in the existing sewers is at no time hindered or interrupted. If bypass pumping is undertaken, then **continuous monitoring** by the Contractor shall be provided throughout the entire operation. All associated costs are incidental and to be included in the unit prices bid. The Contractor will be liable for any and all damages caused by his failure to maintain the flow in existing sewers.

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48. CONTRACTOR'S LIABILITY

The Contractor shall be solely responsible for any damages to buildings by sewage backups due to his operations. The Contractor shall indemnify and hold harmless the City and the Engineer in this regard. **Upon being notified of a sewage backup affecting any resident, the Contractor shall take immediate remedial measures to re-establish flow in the mainline sewer and affected house lead. The Contractor shall also take reasonable immediate steps to assist the property owner with clean-up of damaged household items. The Contractor shall engage the services of a professional cleaning company as necessary to disinfect the affected premises and assist with cleanup of all damaged items.**

49. INSURANCE

The Contractor at his sole cost shall procure and maintain throughout the length of this Contract all necessary insurance policies needed to obtain any and all permits as required by the governing authority. Copies of the policy certificates are to be forwarded to the Owner and Engineer.

50. SUBSURFACE CONDITIONS

The Contractor shall be solely responsible for making his own subsurface soils investigations and shall assume all risks and responsibilities for his conclusions pertaining to the potential difficulties which may be encountered during the course of the work. He shall complete the work, in whatever material and under whatever ground conditions he may encounter or create, with no additional costs to the Owner.

51. SOIL EROSION AND SEDIMENTATION CONTROL

Soil erosion and sedimentation control measures will not be paid separately and shall instead be considered as included in the bid unit price for other items.

52. TEMPORARY MAINTENANCE OF DRAINAGE

During construction of this project, it will be necessary to maintain temporary drainage. All costs incurred in providing temporary drainage facilities as indicated on the drawings and/or as required by the Engineer shall be considered as incidental to this project unless otherwise provided for.

53. DISPOSAL OF EXCAVATED MATERIALS

All materials removed that are not to be stockpiled and used in other areas of the project shall be disposed of off-site. NO exceptions will be considered, and all costs associated with transporting, disposing, etc. shall be considered as incidental and included in the unit prices bid.

54. DISPOSAL OF DEBRIS AND CLEANUP

Clean up operations shall consist of cleaning all debris out of the manhole and off the ground around the manhole. At no time shall the Contractor push the debris downstream in the sewer system. The Contractor must have a debris catcher in the downstream manhole to prevent solids from being pushed downstream.

1. Storm Sewer vactor material can be brought to the Howell WWTP where a drying bed will be available to dump all material
2. Sanitary Sewer vactor material can be brought to the Howell WWTP where the contractor will be able to decant the liquids into a sanitary sewer manhole. The contractor will still be responsible for disposal of solids.

Below is contact information for the Howell WWTP:

Mike Spitler - Wastewater Operations

MSpitler@CityofHowell.org

1191 S. Michigan Ave.

Howell, MI 48843

517-546-6230

The Contractor is responsible for disposal of the solids from the sanitary sewers and shall dispose of debris at a Type II landfill. The Owner will sign the manifest for the debris as the Generator, and shall be provided with copies of the landfill invoices after delivery. Any testing required for proper disposal shall be at the Contractor's expense and included in the unit prices bid for sewer cleaning. If the testing indicates the debris is not acceptable for disposal at a Type II landfill, and disposal at a Type III landfill or other specialized disposal facility is required.

55. ADDITIONAL AREAS OF CITY SEWERS

The Owner may request additional sewer lines in areas of the City outside of the areas listed to be rehabilitated for the unit prices bid in this contract. No additional mobilization cost will be allowed for this work.

56. CLEANING PROCEDURES FOR SEWEAGE SPILLAGE AND BACKUPS

The Contractor shall notify the Owner immediately of any residential/business sewage spillage or backups. The Contractor shall list an emergency cleaning services and their contact information. The cost to cleanup the sewage backup spillages and/or backup caused by the Contractor's operations shall be the Contractor's responsibility.

57. SERVICE LEAD INSPECTION

The Contractor shall determine whether service leads are active or inactive/abandoned. Visual evidence of active flow in service leads shall be confirmation of an active lead. Visual evidence of an abandoned service leads such as bulkheads shall be sufficient. For sewer lining, in the absence of visual confirmation of a plug at the main line, all services lines shall be left open.

58. TREE PROTECTION

Keep clear all debris or fill, equipment and material from influence of the tree root system, which is typically the drip line. During construction, the Contractor shall not cause or permit the cleaning of equipment or material or the storage or disposal of waste material such as paints, oils, solvents, asphalt, concrete, mortar, or any other material harmful to the life of a tree within the drip line of any protected

tree or group of trees. No damaging attachment, wires (other than supportive wires for a tree), signs, or permits may be fastened to any tree.

Tree Trimming: All bruised and scarred trunks and branches incurred as the result of the work shall be repaired using standard arboriculture procedures and performed by a professional tree service company. The Contractor shall remove damaged and, where necessary, those low hanging branches that impede his construction work. The Engineer shall be notified prior to any substantial trimming necessary for construction. Removal shall be not less than 12" from the tree's main stem. Wherever practical, the Contractor shall "tie back" and protect with reasonable care those branches that interfere with his construction. In the case of pines or trees adjacent to construction activities, tarps are to be placed with caution over the tree branches so as to not break the branches and to protect them from equipment exhaust and damage. All final branch trimming (trimming within 12" of the main stem) shall be performed by a professional tree service company using standard arboriculture procedures. No additional payment will be made for tree trimming. Trees shall be trimmed so that branches are evenly distributed on all sides, i.e. no lopsided effects.

Tree Replacement: Trees shown to remain which have been killed or damaged so severely that the survival chances are minimal as determined by the Engineer, shall be removed and replaced with one (1) 3" minimum caliper tree for each 3" diameter removed. The replacements shall have at least equal shade potential and other characteristics comparable to those of the trees removed. Type of replacement and location shall be determined by the property owner and the City. Trees so replaced shall be paid for solely at the Contractor's expense. All costs for tree protection measures as outlined above shall be incidental and included in bid unit prices.

END OF SECTION

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