

ADDENDUM No. 01

Issued: March 20, 2024

Orchard Drive Reconstruction

City of Northville

OHM Job No.: 0152-23-0010

The following changes, additions, and/or clarifications to the Contract Documents shall be incorporated in the Contract Documents. This addendum will be included in its entirety in the final, executed version of the Contract Book.

The Bidder shall acknowledge receipt of this addendum on Bid Form Page 1 of their submitted offer.

The following items comprise this Addendum:

Addendum No. 1 – 2 pages

01 22 00 Unit Prices – 5 pages

CHANGES TO 01 22 00 UNIT PRICES

1. Replace section 1.7.A with the following language:

A Wayne County Department of Public Services Right-of-Way Permit and a Wayne County Soil Erosion and Sedimentation Control Permit are required. The permits must be acquired from the agencies by the Contractor prior to construction. Any bonds, and/or permit agency inspection costs will be the responsibility of the Contractor and shall not result in additional cost to the Owner. These costs are considered incidental to project pay items and will not be paid separately. A Permit Fee Allowance has been provided for the costs associated with furnishing the permits. The Contractor will be reimbursed for these fees upon furnishing the invoice associated with the permit.

2. Replace section 3.1.2 PERMIT FEE ALLOWANCE with the following language:

This reimbursement pay item shall be the payment in full for the fees associated with furnishing the Wayne County Soil Erosion Permit and Wayne County DPS Permit per the requirements of the permitting agency. This item will be reimbursed to the Contractor upon furnishing the invoice associated with the permit. Bonds and inspection fees will not be reimbursed, and shall be considered incidental to other items.

QUESTIONS AND ANSWERS

1. Q. In reviewing the drawings and the work for this project, even though there are soil borings shown for parking lot improvements, i.e. borings # 5-8, it appears these are irrelevant to the project. Is that correct?

- A. Correct, borings #5-8 are not for the road reconstruction project.
2. Q. Borings # 1 thru 4 do show any aggregate base under the existing asphalt pavement; however, the pavement removal items called out on the Orchard Drive Plans sheets 5,8 and 11 call out remove existing pavement and aggregate base. If there is no aggregate base, please clarify. Is the intention to include a certain amount of excavation beyond the pavement removal thickness shown on the drawings and borings? Please clarify how the excavation below the pavement removal modified will be paid.
- A. Correct, the road borings #1-4 do not indicate aggregate base exists under the pavement. It is the intent of the pavement removal pay item to remove the pavement and aggregate base if it exists. Soil borings can only tell us there is no base at those 4 locations; if it is encountered it should be removed with pavement removal. Station Grading, Modified would then cover any additional excavation of the existing subbase or embankment to meet grades in preparation for the new aggregate base.
3. Q. Reading the allowance for the reimbursable permits on this project, it reads as though if the permits exceed the allowance the rest is incidental to the contract and the contractor has to carry any added costs for permits. Please clarify. Also, have the drawings all been submitted to the agencies who will issue the permits for potential costs?
- A. The permit allowance is for all of the fees associated with obtaining the permit, regardless of if it is above the allowance amount in the bid form. These fees are not to reimburse for inspection fees or required bonds associated with maintaining the permit with the agency. Please see attached updated unit prices. Drawings will be submitted to the County prior to Contractor award.
4. Q. The documents state that the Contractor will not be able to start this project until the sanitary lining on Orchard Drive is complete. Do you have an estimated completion time for that work?
- A. It is estimated that the sanitary lining work will be done by mid-May.
5. Q. Is a project estimate available for the bonding company?
- A. The project estimate is \$1.2-\$1.5 million.
6. Q. Are earthwork quantities available?
- A. No, profiles and typical cross sections have been provided for estimating earthwork quantities.

End of Addendum No. 01

SECTION 01 22 00 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.
- B. 2020 Michigan Department of Transportation (MDOT) Standard Specifications for Construction.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for unit prices.
- B. Related Sections include the following:
 - 1. Division 01 Section "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
 - 2. Division 01 Section "Quality Requirements" for general testing and inspecting requirements.

1.3 DEFINITIONS

- A. Unit price is stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- C. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

1.5 PRICES AND MEASUREMENT

- A. Payment for work under this contract will be based on a unit price, lump sum, or dollar allowance for work actually completed. Final measurements of the work will be taken by the Engineer to determine the amount of work done and thereby determine the total cost. The method of applying the unit prices to measured quantities will be as herein specified. Payment will include the cost of all labor, tools, materials, and equipment necessary to do the work.
- B. Several items may have been included in the bid form but may not be called for on the plans. These items have been included in order to establish a unit price in the event that the item of work is necessary. The Contractor should be aware that these items may increase, decrease, or be zero based on field conditions, or Owner direction.
- C. Several items may have been included on the plans to be installed as directed by the Engineer, and included on this bid form with an estimated quantity. Necessity and accuracy of these items are to be confirmed in the field, along with measurement of item as field verified.

- D. Allowance pay items included in the contract is for work as directed by the Engineer. Scope of work and estimated costs for any Allowance items shall be reviewed by the Engineer prior to the start of work. In all cases, payment for Allowance items will not be authorized without labor and material cost detail back-up.

1.6 INCIDENTAL ITEMS

- A. Any items of work indicated as incidental or included shall be considered as part of the project work and shall be completed at no additional expense to the Owner. Incidental or included items shall include labor, materials, and equipment that may not be specifically listed in the Bid Form or in the drawings or specifications, but which are necessary to complete the work.

1.7 PERMITS

- A. A Wayne County Department of Public Services Right-of-Way Permit and a Wayne County Soil Erosion and Sedimentation Control Permit are required. The permits must be acquired from the agencies by the Contractor prior to construction. Any bonds, and/or permit agency inspection costs will be the responsibility of the Contractor and shall not result in additional cost to the Owner. These costs are considered incidental to project pay items and will not be paid separately. A Permit Fee Allowance has been provided for the costs associated with furnishing the permits. The Contractor will be reimbursed for these fees upon furnishing the invoice associated with the permit.
- B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- C. List of Unit Prices: A list of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

1. MOBILIZATION, MAX 10%

The lump sum price shall be payment in full for all preparatory work and operations which may include, but is not limited to, the following items:

1. The movement of personnel, equipment, supplies, and incidentals to the project site.
2. The establishment of the Contractor's offices, buildings, and other facilities to work on the project.
3. Other work and operations that must be performed.
4. Expenses incurred, prior to beginning work on the various contract items on the project site.
5. Pre-construction costs, exclusive of bidding costs, which are necessary direct costs to the project rather than directly attributable to other pay items under the contract.
6. Bonds, etc.

The pay item will state the maximum amount that can be bid. When the percentage of the original contract amount earned is less than 5 percent, the costs of project specific bonding, insurances will be reimbursed when a paid invoice is received by the Engineer. The costs of these will then be made in accord-

ance with the Partial Payment Schedule shown below. The original contract amount is the total value of all contract items including the mobilization item. The percentage earned is exclusive of the mobilization item. The total sum of all payments for this item shall not exceed the original contract amount bid for mobilization, regardless of the fact that the Contractor may have, for any reason, shut down his work on the project, moved equipment away from the project and then back again, or for additional quantities or items of work added to the contract.

Partial Payment Schedule

Percentage of Original Contract Amount Earned	Percentage of Bid Price for Mobilization Allowed
5	50
10	75
25	100

When a pay item for mobilization is not included in the proposal, payment for any such work is considered to have been included in payments made for other items of work.

2. PERMIT FEE ALLOWANCE

This reimbursement pay item shall be the payment in full for the fees associated with furnishing the Wayne County Soil Erosion Permit and Wayne County DPS Permit per the requirements of the permitting agency. This item will be reimbursed to the Contractor upon furnishing the invoice associated with the permit. Bonds and inspection fees will not be reimbursed, and shall be considered incidental to other items.

5. RETAINING WALL, REM

This pay item shall be paid for by the linear foot of removal in any location where an existing retaining wall needs to be removed to obtain ADA compliance for the ramps at any intersection regardless of the thickness of the retaining wall.

6. FRAME AND COVER, REM

This item will be paid for by a per each basis of the frame and covers called to be removed on the plan sheet. This includes all labor, materials, equipment, etc. necessary to remove the existing frame and cover without damaging the structure. This item will not be paid for in conjunction with the "DR STRUCTURE, REM" as this pay item includes the removal of the structure cover.

10. DRIVEWAY, REM

This item will be paid for by the average width and length as measured by the Engineer for the entire area of the driveway proposed to be removed, regardless of the depth or material. This item includes all materials, equipment, labor, etc. necessary to remove the existing pavement per the plan drawings, including sawcuts, which will not be paid separately.

11. PAVT, REM, MODIFIED

This item will be paid for by the average width and length as measured by the Engineer for the entire area of the roadway proposed to be removed, regardless of the depth or material. This item includes all materials, equipment, labor, etc. necessary to remove the existing pavement per the plan drawings, including sawcuts, which will not be paid separately.

13. STATION GRADING, MODIFIED

This item will include all grading operations to meet proposed plan grades for the entire width of the cross section, including the grading of the existing subbase, proposed 21AA base, sidewalk and ADA curb ramp subbase, backfilling behind the curb, grading necessary to restore the existing green space and all other miscellaneous grading as necessary to complete the roadway as proposed in the plan set. This item will be measure down the centerline of the roadway by the station and includes both sides of the roadway.

21. SEWER BULKHEAD, 15 INCH

This item shall be paid for on each basis as called out in the plan set. This item will be paid for in any location where an existing sewer is being removed from a structure that is proposed to remain resulting in a void in the structure. This item will include all materials, bricks, mortar, tools/equipment, labor, etc. to fill the void in the existing structure and obtain a watertight seal.

29. DR STRUCTURE, CHIMNEY RECONSTRUCT

This item shall be paid for on a per each basis in all locations called out on the plan set or as directed by the Engineer. This item shall include the full reconstruction of the existing chimney from top of the cone to the bottom of the casting. This item shall include all materials, bricks, mortar, equipment, labor, etc. necessary to reconstruct the existing chimney and reset the existing or proposed frame and cover on a bed of mortar.

41. TRAFFIC CONTROL

This item shall be paid for on a lump sum basis for all traffic control devices (temporary signs, barrels, cones, etc.) and traffic flagging necessary to maintain traffic and safety of the residents throughout the construction site for the length of the project. This pay item includes the furnishing, installation, resetting of traffic control measures, removing after project completion and all other labor and materials associated with this item for the length of the project.

42. TURF ESTABLISHMENT, PERFORMANCE

This item will be paid for on the square yard basis for the average length and width of the proposed area to be restored as measured by the Engineer. This item shall be paid for one time, no matter how many times the area must be reseeded or restored due to soil erosion or to achieve grass growth. This item will include topsoil, seed placement, watering and maintaining until the grass is established.

44. GATE VALVE COVER, ADJ, CASE 1

This pay item will be paid on an each basis for all gate valve covers proposed to be replaced in the attached plan documents. The gate valve covers shall be EJ and say "CITY OF NORTHVILLE WATER" per the specifications of the City of Northville.

45. REPLACE SPRINKLER HEAD

This item will be paid for on an each basis for all sprinkler heads that were damaged as a result of the proposed project. This item includes all labor, equipment, parts, fittings, sprinkler pipe, etc. necessary to restore the existing sprinkler system. All marking of existing sprinkler heads prior to the project is considered incidental to this pay item.

46. SANITARY STRUCTURE COVER, TYPE Q

This pay item will be paid on an each basis for all sanitary structure covers proposed to be replaced in the attached plan documents. The sanitary structure covers shall be EJ and say "CITY OF NORTHVILLE SANITARY" per the specifications of the City of Northville.

48. AUDIO VISUAL SURVEY

The lump sum price shall be payment in full for all labor, materials, and equipment necessary to prepare the audio video route survey in accordance with the specifications. Video recording limits are discussed in the Supplemental Specifications section. Payment shall include the provision of two flash drives containing the complete recordings to the Engineer.

The work for the following bid items shall be measured and paid for per the specifications of the 2020 Standard Specifications for Construction Manual.

3. DR STRUCTURE, REM

4. SEWER, REM, LESS THAN 24 INCH

7. CURB AND GUTTER, REM

8. SIDEWALK, REM

- 9. EXPLORATORY INVESTIGATION, VERTICAL
- 12. SUBGRADE UNDERCUTTING, TYPE IV
- 14. EROSION CONTROL, FILTER BAG
- 15. PROJECT CLEANUP
- 16. AGGREGATE BASE, 8 INCH
- 17. PAVT MRKG, POLYUREA, 12 INCH, CROSSWALK, WHITE
- 18. MAINTENANCE GRAVEL
- 19. SEWER, CL IV, 12 INCH, TR DET A
- 20. SEWER TAP, 12 INCH
- 22. DR STRUCTURE COVER, ADJ, CASE 1
- 23. DR STRUCTURE COVER, TYPE B
- 24. DR STRUCTURE COVER, TYPE K
- 25. DR STRUCTURE, 24 INCH DIA
- 26. DR STRUCTURE, 48 INCH DIA
- 27. DR STRUCTURE, 60 INCH DIA
- 28. DR STRUCTURE, TAP, 6 INCH
- 30. UNDERDRAIN, SUBGRADE, 6 INCH
- 31. HMA, 4EML
- 32. HMA, 5EML
- 33. DRIVEWAY, NONREINF CONC, 6 INCH
- 34. CURB AND GUTTER, CONC, DET F4
- 35. DETECTABLE WARNING SURFACE
- 36. CURB RAMP OPENING, CONC
- 37. SIDEWALK, CONC, 4 INCH
- 38. CURB RAMP, CONC, 6 INCH
- 39. POST, STEEL, 3 INCH
- 40. SIGN, TYPE IIB
- 43. GATE BOX, ADJ, CASE 2
- 47. SANITARY STRUCTURE COVER, ADJ, CASE 1

49. MISCELLANEOUS RESTORATION ITEMS

Restoration of miscellaneous items such as, but not limited to, street signs, traffic signs, shrubbery and other ornamental landscape items which are damaged, removed, or destroyed by the Contractor in the course of the work shall be repaired or replaced by the Contractor with new materials of equal quality as existed prior to the start of work. All such items for which specific bid items are not listed in the proposal shall be considered as incidental work and shall be replaced or repaired at the expense of the Contractor.

50. GARBAGE/WASTE COLLECTION

The Contractor shall maintain waste collection procedures for all roadways and adjacent businesses during construction. Temporary access for garbage trucks, or any other approved method to allow for regular trash or recycle pick-up shall be considered as incidental.

51. SCHOOL BUS ACCESS

The Contractor shall maintain safe and efficient access for school buses at all times during the construction operations. Any temporary construction measures, or alternate construction methods necessary to allow for bus access during required hours of operation, shall be incidental to the pay items listing in this contract.

END OF SECTION 01 22 00