Department of Public Service
5330 Seaman Road
Oregon, Ohio 43616
(419) 698-7047
FAX (419) 691-0241

January 25, 2023

ADDENDUM No. 4

LUC – MUNDING DRIVE AND DEARBORN AVENUE RECONSTRUCTION
PID 111524

CITY OF OREGON
DEPARTMENT OF PUBLIC SERVICE

BIDS TO BE OPENED: Tuesday, January 31, 2023 at 10:00 AM

Plan holders of the City of Oregon's LUC- Munding Drive and Dearborn Avenue Reconstruction are hereby notified of the following amendments to the Contract Documents. The following additions, alterations, deletions and/or clarifications shall be part of the bid specifications as much as if they were originally included in the Contract Documents. This Addendum No. 4 is hereby made a part of the Contract Documents.

CONTRACT CHANGES

1) **ENGINEER'S ESTIMATE**

   The engineer's estimate has been updated to **$1,362,500.00**.

2) **PROJECT BID FORM**

   Replace PAGES 14, 15 and 16 in the Project Bid Book with the attached **REVISED PROJECT BID FORMS – REVISED PAGES 14, 15 AND 16 DATED 1/25/2023.**

3) **PLAN REVISIONS**

   Replace PLAN SHEETS 3 AND 5 in the Plan Set with the attached **REVISED PLAN SHEETS 3 and 5 DATED 1/25/2023.**

ANSWERS TO SUBMITTED QUESTIONS

Question #1 – The sub-summary appears to include the cross over conduit but additional pipe required to tie-in a new structure is not include. Please clarify if that conduit is paid or incidental??

A plan note has been added along with a couple of pay items to address the payment for reconnecting these existing conduits to the new replacement structures.

Question #2 – Trench Boxes and overdig required to perform this work will undermine or damage the adjacent sidewalk regardless of means or methods. Please add an item for 4" sidewalk or clarify how this will be compensated.

New pay items have been added along with contingency quantities to address payment for these items as directed by the engineer.

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Question #3 – The curb excavation and underdrain installation will require the curb ramps to be replaced. For instance, Ansonia Street intersection. Once new tile are replaced the remaining walk will require new ada spec compliance. Please address how this is paid. It would not typically fall under the incidental protection and restoration notes due to scope.

New pay items have been added along with contingency quantities to address payment for these items as directed by the engineer.

*** * * END OF ADDENDUM NO. 4 * * ***

Paul Roman, P.E
Director of Public Service

BID FORM

To the Director of Public Service
Municipal Building
5330 Seaman Road
Oregon, Ohio 43616-2633

I. The undersigned, having familiarized _____ with the local conditions affecting the cost of the work and with the Contract Documents, hereby proposes to perform everything required to be performed and to provide and furnish all of the labor, materials, necessary tools, expendable equipment, and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the reconstruction of 0.30 miles of Munding Drive from S.Wheeling Street to Navarre Avenue and 0.37 miles of Dearborn Avenue from Navarre Avenue to S. Wheeling Street. The project also includes roadway, excavation, aggregate base, drainage, pavement markings, erosion control items, and miscellaneous work required to complete the project for the CITY OF OREGON, OHIO, all in accordance with the specifications for the following prices, to wit:

Project Bid: **LUC-MUNDING DRIVE AND DEARBORN AVENUE RECONSTRUCTION (PID 111524)**

REF. NO.	ODOT ITEM#	ITEM DESCRIPTION	QTY	UNIT	PRICE BID	AMOUNT BID
		ROADWAY				
1	202	Driveway Removed	852	SF		
2	202	Concrete Curb Removed	6,493	LF		
3	202	Concrete Pavement Removed	***9,818***	SY		
4	***202***	***Walk Removed***	***875***	***SF***		
5	202	Catch Basin, Removed	18	EA		
6	202	Storm Sewer, Removed	268	LF		
7	203	Excavation	***3,573***	CY		
8	204	Subgrade Compaction	***9,818***	SY		

REF. NO.	ODOT ITEM#	ITEM DESCRIPTION	QTY	UNIT	PRICE BID	AMOUNT BID
9	204	Proof Rolling	6	HR		
10	***608***	***4" Concrete Walk, AS PER PLAN***	***875***	***SF***		
11	***608***	***Curb Ramp, AS PER PLAN***	***4***	***EA***		
12	609	Curb, Type 2A (MS), ***AS PER PLAN***	6,493	LF		
		EROSION CONTROL				
13	SPEC	Inlet Protection, APP	18	EA		
14	659	Seeding and Mulching	1,860	SY		
15	832	Storm Water Pollution Prevention Plan, APP	1	LS		
16	832	Storm Water Pollution Prevention Inspections	1	LS		
17	832	Erosion Control	2,000	EA	**$1.00**	
		DRAINAGE				
18	605	6" Base Pipe Underdrains, APP	6,543	LF		
19	611	Catch Basin No. 3A	18	EA		
20	***611***	***Conduit Type B Reconnection, 10" & Less, AS PER PLAN***	***15***	***EA***		
21	***611***	***Conduit Type B Reconnection, 12" & Greater, AS PER PLAN***	***20***	***EA***		
22	611	12" Conduit, Type B (706.02)	196	LF		
23	611	15" Conduit, Type B (706.02)	72	LF		
		PAVEMENT				
24	SPEC	Geotextile Fabric, Type D	***9,818***	SY		
25	204	Granular Material, Type C	300	CY		

REF. NO.	ODOT ITEM#	ITEM DESCRIPTION	QTY	UNIT	PRICE BID	AMOUNT BID
26	304	Aggregate Base	***3,273***	CY		
27	452	8" Non-Reinforced Concrete Pavement (MS)***, AS PER PLAN***	***9,818***	SY		
28	452	8" Non-Reinforced Concrete Pavement for Driveways (MS), ***AS PER PLAN***	537	SF		
29	452	6" Non-Reinforced Concrete Pavement for Driveways (MS), ***AS PER PLAN***	315	SF		
		TRAFFIC CONTROL				
30	642	Lane Line, 4"	0.66	Mile		
31	642	Channelizing Line, 4"	75	FT		
32	642	Lane Arrow	4	EA		
		MISCELLANEOUS				
33	614	Maintaining Traffic	1	LS		
34	623	Construction Staking	1	LS		
35	624	Mobilization	1	LS		

TOTAL PROJECT BID IN FIGURES $ _____

(Unofficial total subject to correction)

II. Time of Completion. The undersigned agrees to substantially complete the work covered by the contract by **August 18, 2023**.

ROADWAY

REMOVAL ITEMS

PAYMENT FOR REMOVAL OF ALL EXISTING OBSTRUCTIONS WHICH ARE NOT ITEMIZED SEPARATELY IN THE PLANS FOR PAYMENT AND WHICH WOULD NORMALLY BE REMOVED FOR THE INSTALLATION OF NEW WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT ITEM OF NEW WORK.

2 01/19/23

CURB, TYPE 2A (MS), APP

CURB TYPE 2, APP MAY BE USED IN LIEU OF CURB TYPE 2A. PAY ITEMS AND QUANTITIES SHALL REMAIN THE SAME

PAVEMENT

1 01/11/23

8" NON-REINFORCED CONCRETE PAVEMENT (MS), APP

THIS WORK CONSISTS OF CONSTRUCTING A NON-REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT ON A PREPARED SURFACE.

THE REQUIREMENTS OF 452 & 451 APPLY, EXCEPT AS FOLLOWS:

THE USE OF A SLIP FORM PAVER SHALL NOT BE REQUIRED FOR THIS PROJECT.

2 01/19/23

LONGITUDINAL TINING WILL NOT BE REQUIRED.

NON-REINFORCED CONCRETE PAVEMENT FOR DRIVEWAYS (MS), APP

SUBGRADE COMPACTION AND AGGREGATE BASE NECESSARY TO LEVEL SHALL BE INCIDENTAL TO NON-REINFORCED CONCRETE PAVEMENT FOR DRIVEWAYS (MS).

2 01/19/23

PROFILE AND ALIGNMENT

THE PROPOSED PAVEMENT REPLACEMENT SHALL FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT AND AS DETERMINED BY THE WORK SHOWN IN THE TYPICAL SECTION.

MAINTENANCE OF TRAFFIC

MAINTAINING TRAFFIC

METHODS OF MAINTAINING TRAFFIC SHALL BE IN ACCORDANCE WITH ITEM 614, THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (THE OHIO MANUAL) AND THE FOLLOWING:

THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES OF ROAD CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN THE FOLLOWING SIGNS AS PER OHIO MANUAL

A) 'ROAD WORK AHEAD" (48' X 48", W20-1)
B) "END ROAD WORK' (36' X 18", G20-2A)

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR SET ASIDE OUT OF VIEW OF TRAFFIC. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN PROPER POSITION, CLEAN, LEGIBLE AND IN GOOD WORKING CONDITION AT ALL TIMES.

DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL PERIODS OF CONSTRUCTION BY USE OF EXISTING AND PROPOSED PAVEMENT, BERMS, OR SHOULDERS TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE RESIDENTS AND/OR BUSINESSES WITH A MINIMUM FORTY-EIGHT (48) HOUR NOTICE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE RESTRICTED DUE TO CONSTRUCTION.

PAYMENT FOR MAINTAINING TRAFFIC WILL BE MADE IN ACCORDANCE WITH ITEM 614, AND WILL INCLUDE FULL COMPENSATION FOR PROVIDING, ERECTING, MAINTAINING, AND REMOVING ADEQUATE TRAFFIC CONTROL SIGNS, BARRICADES, FLAGGERS, DRUMS AND LIGHTS AS SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL PROVIDE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL. THE MARKINGS SHALL CONSIST OF TAPE MATERIAL, 4-INCHES WIDE AND APPROXIMATELY 6-INCHES IN LENGTH SET AT NORMAL SPACING OF 50-FEET. IN CONGESTED AREAS, THE SPACING SHALL BE REVISED TO 25-FEET. TEMPORARY MARKINGS SHALL BE PROVIDED FOR THE WHITE LANE LINES AND YELLOW CENTERLINES. THE COST FOR TEMPORARY PAVEMENT MARKINGS SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL TEMPORARY PAVEMENT MARKINGS ON ALL MAJOR STREETS AS DIRECTED BY THE CITY.

THE CONTRACTOR SHALL COMPLY WITH THE MAINTENANCE OF TRAFFIC NOTES AND CONSTRUCTION PHASING PER THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF OREGON AND OTHER LOCAL GOVERNMENTS, IF NECESSARY, FOR THE ESTABLISHMENT OF APPROPRIATE LOCAL DETOUR ROUTES, AND TO ACCOMMODATE ANY AND ALL LOCAL SPECIAL EVENTS OR FESTIVALS.

THE CONTRACTOR SHALL PROVIDE THE CITY OF OREGON WITH WRITTEN NOTICE OF ANY DETOUR, LANE CLOSURES, AND OTHER CONSTRUCTION RELATED ACTIVITIES THAT WOULD CAUSE INCONVENIENCES TO THE TRAVELING PUBLIC. THE WRITTEN NOTICE SHALL BE PROVIDED A MINIMUM OF 14 DAYS IN ADVANCE SO THAT THE GENERAL PUBLIC, LOCAL EMERGENCY SERVICES AND OFFICIALS, INCLUDING POLICE, FIRE, AND LOCAL SCHOOLS CAN BE INFORMED AND UPDATED ON THE PROJECT CONSTRUCTION DETAILS BY THE CITY OF OREGON THROUGH THE USE OF PRESS RELEASES TO LOCAL MEDIA OUTLETS.

CONTRACTOR SHALL PROVIDE AND INSTALL ALL APPROPRIATE DETOUR SIGNAGE INCLUDING PLACING CLOSED SIGNS ON OVERHEAD SIGNS ON NAVARRE AVENUE AND WHEELING STREET. CLOSED SIGNS SHALL BE ATTACHED TO EXISTING OVERHEAD SIGNS WITH SELF TAPPING SCREWS.

ANY NECESSARY TRAFFIC SIGNAL TIMING CHANGES WILL BE DONE BY THE CITY OF OREGON.

PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE CONSTRUCTION ZONE.

EXISTING TRAFFIC CONTROL SIGNS

ALL REGULATORY AND WARNING SIGNS, IF REMOVED FOR CONSTRUCTION PURPOSES, SHALL BE IMMEDIATELY RESET. INSTALLAT10N MAY BE PERMANENT OR TEMPORARILY MOUNTED. THE MOUNTING DIMENSIONS MUST CONFORM TO OMUTCD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SIGNS. COSTS TO REPLACE DAMAGED OR LOST SIGNS SHALL BE DEDUCTED FROM PAYMENTS. IF THE CONTRACTOR DOES NOT IMMEDIATELY RESET REGULATORY AND WARNING SIGNS AS DIRECTED, THE CITY SHALL RESET THEM AND THE COSTS SHALL ALSO BE DEDUCTED FROM PAYMENTS TO THE CONTRACTOR.

CONSIDER THE COST OF THIS WORK AS INCIDENTAL TO THE PROJECT AND SHALL BE INCLUDED IN THE COST OF PERTINENT PAY ITEMS.

CONSTRUCTION SEQUENCING

STAGE 1

CLOSE ENTIRE ROADWAY ON MUNDING DRIVE BETWEEN STA. 1+95 TO STA. 14+50.

STAGE 2

CLOSE ENTIRE ROADWAY ON MUNDING DRIVE BETWEEN STA. 14+50 TO STA. 17+60.

STAGE 3

CLOSE ENTIRE ROADWAY ON DEARBORN AVENUE BETWEEN STA. 51+15 TO STA. 62+00. MAINTAIN ACCESS TO HOMES EXCEPT DURING POURING AND CURING OF CONCRETE.

STAGE 4

CLOSE ENTIRE ROADWAY ON DEARBORN AVENUE BETWEEN STA. 62+00 TO 70+52. MAINTAIN ACCESS TO HOMES EXCEPT DURING POURING AND CURING OF CONCRETE.

MUNDING DRIVE AND DEARBORN AVENUE CANNOT BE CLOSED CONCURRENTLY.

3 01/25/23

CONDUIT TYPE B RECONNECTION, APP

ALL WORK SHALL BE IN ACCORDANCE WITH ITEM 611.

COSTS FOR ALL WORK ASSOCIATED WITH THE REMOVAL AND REPLACEMENT OF EXISTING CONDUITS INTO THE NEW CATCH BASINS STRUCTURES SHALL BE INCLUDED IN THE BELOW ITEMS.

ALL FITTINGS SHALL BE FURNISHED AND INSTALLED AS REQUIRED TO CONSTRUCT THE PROPOSED CONDUIT. MATERIALS AND FITTINGS REQUIRED TO COMPLY WITH THE REQUIREMENTS OF 611 SHALL BE INCLUDED.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK CONSISTING OF THE REMOVAL AND REPLACEMENT OF EXISTING CONDUIT CONNECTIONS FOR THE CATCH BASINS BEING REPLACED.

611	CONDUIT TYPE B RECONNECTION, 10" & LESS, APP	20 EA
611	CONDUIT TYPE B RECONNECTION, 12" & GREATER, APP	15 EA

CURB RAMP, APP AND 4" CONCRETE WALK, APP

ALL WORK TO BE DONE UNDER THIS ITEM, TOGETHER WITH ALL THE MATERIALS FURNISHED, SHALL CONFORM TO ODOT ITEM 608.

THE PRICE BID FOR THE CURB RAMP, APP SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND SHALL BE PER EACH. THE COST OF THE TRUNCATED DOMES, ADDITIONAL CONCRETE TO MEET THICKNESS REQUIREMENTS, LAYOUT OF THE CURB RAMP, ASPHALT CONCRETE WORK, AND MAINTAINING TRAFFIC ACCORDING TO ITEM 614 ODOT SPECIFICATIONS SHALL BE INCLUDED UNDER THIS ITEM. THE CONCRETE MATERIAL FOR THE CURB RAMP INSTALLED SHALL BE PAID UNDER ITEM 4" CONCRETE WALK, INSTALLED AND SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND SHALL BE PER SQUARE FOOT.

THE CONTRACTOR SHALL PROVIDE AN AGGREGATE BASE COMPOSED OF ODOT ITEM 411 STABILIZED CRUSHED AGGREGATE, NOT LESS THAN 2 INCHES IN DEPTH AND AS WIDE OR WIDER THAN THE WALK. THE AGGREGATE BASE SHALL BE COMPACTED AND BROUGHT TO AN EVEN SURFACE BELOW THE PROPOSED SURFACE OF THE FINISHED WALK. IF THE COMPACTIONS IS DEEMED UNSATISFACTORY BY THE PROJECT ENGINEER, THEN THE USE OF A MECHANICAL COMPACTOR MAY BE NECESSARY. SOFT, SPONGY, OR ORGANIC SUBGRADE SHALL BE REMOVED AND REPLACED WITH COMPACTED AGGREGATE. WHEREVER FILL IS NECESSARY, THE MATERIAL USED SHALL BE COMPACTED AGGREGATE AND SHALL BE SPREAD IN LIFTS NOT TO EXCEED 4 INCHES LOOSE WITH EACH LAYER COMPACTED. THE COST OF MATERIAL AND LABOR TO ACHIEVE THE FOLLOWING REQUIREMENTS SHALL BE INCLUDED AS PART OF THE UNIT PRICE BID FOR THE APPROPRIATE ODOT ITEM 608.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR THE WORK NOTED ABOVE:

608	4" CONCRETE WALK, APP	875 SF
608	CURB RAMP, APP	4 EA

THE ACTUAL QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

SCALE

DATE 8/12/2021

DRAWN BEB CHECKED RMS

GENERAL NOTES

LUC-MUNDING DRIVE AND DEARBORN AVENUE RECONSTRUCTION

2 01/19/23
3 01/25/23

GENERAL SUMMARY								
REF NO.	SHEET NO.	QUANTITY	CONTINGENCY QUANTITY	ITEM	ITEM EXT.	TOTAL QUANTITY	UNIT	DESCRIPTION
ROADWAY								
1	6	852		202	32000	852	SF	Driveway Removed
2	6	6493		202	32000	6493	LF	Concrete Curb Removed
3	6	9818		202	23000	9818	SY	Concrete Pavement Removed
4			***875***	***202***	***30000***	***875***	***SF***	***Walk Removed***
5	6	18		202	58100	18	EA	Catch Basin, Removed
6	6	268		202	34900	268	LF	Storm Sewer, Removed
7	6	3273	300	203	10000	3573	CY	Excavation
8	6	9818		204	10000	9818	SY	Subgrade Compaction
9	6	6		204	45000	6	HR	Proof Rolling
10	6	6493		609	14000	6493	LF	Curb, Type 2A (MS), APP
11	***3***	***875***		***608***	***SPEC***	***875***	***SF***	***4" Concrete Walk, APP***
12	***3***	***4***		***608***	***SPEC***	***4***	***EA***	***Curb Ramp, APP***
EROSION CONTROL								
13		18		SPEC		18	EA	Inlet Protection, APP
14		1860		659	10000	1860	SY	Seeding and Mulching
15	4	1		832	15001	1	LS	Storm Water Pollution Prevention Plan, APP
16		1		832	15002	1	LS	Storm Water Pollution Prevention Inspections
17		0	2000	832	30000	2000	EA	Erosion Control
DRAINAGE								
18	6	6543		605	14000	6543	LF	6" Base Pipe Underdrains, APP
19	6	18		611	98180	18	EA	Catch Basin No. 3A, APP
20	***3***	***15***		***611***	***SPEC***	***15***	***EA***	***Conduit Type B Reconnection, 10" & Less, APP***
21	***3***	***20***		***611***	***SPEC***	***20***	***EA***	***Conduit Type B Reconnection, 12" & Greater, APP***
22	6	196		611	04400	196	LF	12" Conduit, Type B (706.02)
23	6	72		611	05900	72	LF	15" Conduit, Type B (706.02)
PAVEMENT								
24	6	9818		SPEC		9818	SY	Geotextile Fabric, Type D
25	2	0	300	204	30020	300	CY	Granular Material, Type C
26	6	3273		304	20000	3273	CY	Aggregate Base
27	6	9818		452	12050	9818	SY	8" Non-Reinforced Concrete Pavement (MS), APP
28	6	537		452	12050	537	SF	8" Non-Reinforced Concrete Pavement for Driveways (MS), APP
29	6	315		452	10050	315	SF	6" Non-Reinforced Concrete Pavement for Driveways (MS), APP
TRAFFIC CONTROL								
30	6	0.66		642	00200	0.66	Mile	Lane Line, 4"
31	6	75		642	00400	75	FT	Channelizing Line, 4"
32	6	4		642	01300	4	EA	Lane Arrow
MISCELLANEOUS								
33		1		614	11000	1	LS	Maintaining Traffic
34		1		623	10000	1	LS	Construction Staking
35		1		624	10000	1	LS	Mobilization

SCALE

DATE 8/12/2021

DRAWN BEB | CHECKED RMS

GENERAL SUMMARY

LUC–MUNDING DRIVE AND DEARBORN AVENUE RECONSTRUCTION