



**DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND
BUDGET**
State Facilities Administration
Design and Construction Division

CONSTRUCTION BID ADDENDUM NO. 2

This form identifies an Addendum to Bidding Documents, and incorporates interpretations or clarifications, modifications, acceptance of proposed “or equal” materials, and other information into the Bidding Documents. Addenda will be numbered by the Professional and distributed through www.michigan.gov/SIGMAVSS as an attachment.

TO: ALL BIDDERS		DATE ISSUED 3/12/2025
PROJECT NAME MDOT GARAGE STORM SEWER RECONSTRUCTION		FILE NUMBER 591/22274.MNB
PROFESSIONAL David Lutz - NTH Consultants	PROJECT DIRECTOR Chris Bahjet	BID OPENING DATE: 3/19/2025

ADDENDUM ITEMS: (See attached revised drawings issued with this addendum)

Addendum 2

A certificate of laboratory analysis for 4 samples of the metal siding of the cold storage building is attached as part of this addendum.

Drawing Parts Correction:

- Sheets C-106, C-109, C-111, C-112 & C-114 in Pt. 1 of the drawings package displayed the wrong drawing scale. Scales on the attached drawings have been corrected to 1” = 40’.
- Pr. Structure 265 on C-110A and C-110B has been clarified to require a manhole installation at the 90 degree alignment change for the proposed storm sewer piping.
- Detail 1 on sheet R-109 of Pt. 3 of the drawings package showed an inaccurate representation of the required flashing. The detail has been amended to more accurately reflect the scale along with application notes and is included in the attachments.

Design Modifications:

- A perforated french drain has been added to the design in order to limit ponding near the door on the west side of the cold storage building. These changes are noted on attached drawings C-113A through C-113B
- Changes have been made to detail 3 - Lintel Flashing Detail on sheet R-108 and included in the attachments.

PSC responses to bidder questions:

Q: “In regard to the MDOT Garage Storm Sewer Reconstruction project placed out for bid last week, can you tell me if you have an engineer’s estimate for the project and if so, what it is?”

A: Per the request of DTMB, a published engineers estimate will not be made available for this project.

Q: “Could you please clarify the following items?”

- The scale 1”=30’-0” appears to be incorrect on several drawings. Could you please confirm the

correct scale?

A. The correct scale should be 1" = 40' for full site drawings, 1" = 20' for downspout close-up drawings, and 1" = 20' for utility profiles. Drawings with incorrect scale depicted have been corrected and included as attachments in addendum no. 1.

- On drawing C-110A and C-112 it indicates the PR265 is a 90 degree bend however they indicate that the pipe is 12" RCP which would require a custom made concrete bend. Could the pipe be changed to 12" PVC SDR35? Could PR265 be changed to a CB structure?

A. The drawings have been revised to show a manhole structure at PR265 to accommodate the turn for 12" RCP.

- Based on drawing C-106 the areas shown to sawcut & remove asphalt pavement and concrete pavement do not appear to be adequate to allow for the utility trenches to be installed per OSHA requirements. Please confirm that we are to remove and replace pavement as necessary to perform our work.

A. Trench widths depicted on drawings are approximate. Contractor to adjust the width as necessary to safely perform the work. Restoration of the trenches required per the project documents.

- Based on drawing C-106 it indicates that existing drains to removed cut & capped on South side of Cold Storage Building. Are we to remove the concrete steps since there will be no drain?

A. The existing drains depicted on the demolition plan are to be removed, and the connection to the interior trench drains of the CSB capped on the West side of the CSB. A new floor drain is to be installed at the bottom of the existing stairs and tied into the new downspout piping. The work should not require the removal or replacement of the existing concrete staircase. If the contractor feels that it is required to execute the work, the contractor should price this work in their base bid.

- To perform the work on the South side of Cold Storage Building between EX DS37 and EX DS38, the space is limited between the building and the asphalt pavement. Should a portion of this asphalt be removed & replaced to prevent damaged pavement?"

A. The contractor should take necessary means and methods to safely install the work in accordance with the project documents without damaging adjacent site elements. It is up to the contractor's means and methods to perform the work. If the contractor's means and methods includes removal and replacement of additional pavement, the contractor should include this in their base bid estimate. During construction, the contractor will be required to submit a plan detailing the extents of additional pavement to be removed along with a plan for how to stabilize the existing slope in this area for review and approval prior to construction.

Q: "

- The alternative bid included proposed storm sewer cleanouts, however, the base bid did not. Please advise if cleanouts need to be included in the base bid as well.

A. Both base bid and bid alternate 2 include the construction of proposed stormwater cleanouts on the roof drain piping.

- The bid documents mentioned that Hazardous contaminated materials may be present on site. In addition, an old gas tank may exist and needs to be verified. In case of the presence of hazardous contaminated materials, can an allowance be set up to cover the cost of the required testing, handling, and disposal of the contaminated materials and/or water?

A. The bid documents include attachments referencing environmental reports completed for the facility and this project. This includes an environmental construction management plan (ECMP) that is required to be adhered to by the contractor for execution of the work. The presence of known contamination for the site is identified and the contractor is advised to account for executing the work in accordance with the ECMP in their base bid. The contractor shall include the cost of pumping, storing, testing, and off-site legal disposal of up to 10,000

gallons of non-hazardous, contaminated liquids from site excavations in contact with contaminated soils in their base bid. The contractor will be required to provide the following unit prices that shall remain in effect for the job duration:

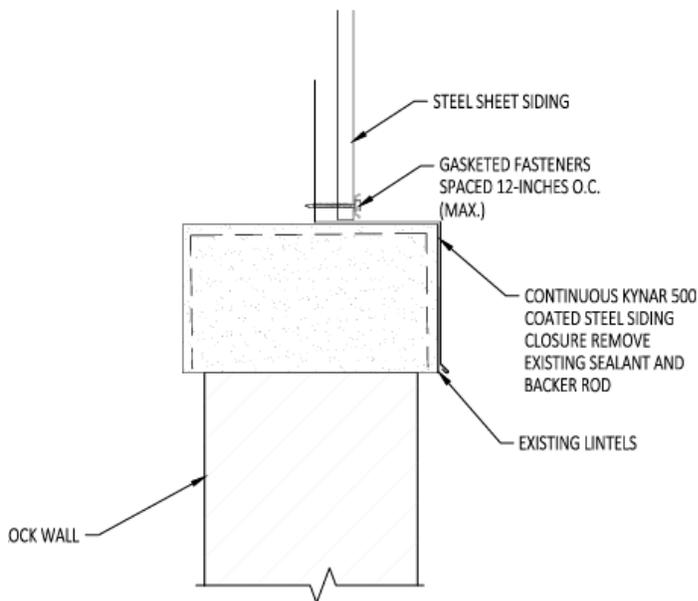
1. Permitting, Pumping, Testing, and offsite legal disposal of non-hazardous, contaminated liquids from site excavations in contact with contaminated soils (Per Gal)
2. Permitting, Pumping, Testing, and legal removal of liquids from site excavations (Per Gal)

Article 6 of Section 00 300 includes a \$100,000 project allowance to be carried in the contractor's base bid for unforeseen conditions, to be utilized only with prior written authorization of the Owner and DTMB.

- Can you please advise of the amount of the require permit fees for LARA, Electrical, Plumbing, ROW, SESC-DTMB-DCD, and DWSD?"

A. The contractor shall investigate and carry in their base bid the costs of all required permit fees to perform the work.

Q:



Detail 3 on R-108 does not seem to be correct. It seems the existing lintels are thicker on the inside than the outside, which will make replacing them difficult. Also, there is not a way to get the new flashing piece in with the block right behind it. Maybe 2 pieces would work, but you would have to unscrew the existing rusted metal and re-screw them in place, and they probably wouldn't withstand being worked like that.

A. The existing siding has been recently tested in four locations to determine the presence of asbestos containing material (ACM). No ACM was found in the tested samples. The results of this test are included as an attachment to addendum no. 1.

Refer to Addendum No. 1 for the revised Detail 3/R-108, updated to reflect site conditions. The contractor must replace the lintel with an in-kind replacement or an engineer-approved equivalent. If proposing an alternative replacement method, the contractor must provide pricing for the alternative approach. The Z-closure flashing shall be modified as needed to accommodate site conditions. Additionally, the contractor shall repair or replace deteriorated sections of existing siding at locations where new Z-flashing is installed, only to the extent necessary to provide a weather barrier to the elements (not complete replacement of siding), as directed by the engineer.

Changes to Bid Form:

The base bid table has been amended to revise unit prices for demolition/removal of unforeseen subsurface obstruction. Also, additional unit price requests have been specified for removal and/or treatment/disposal as an add/deduct for water removed from site excavations. Changes to this form are included in the attachments of this addendum.

ACKNOWLEDGEMENT: This Addendum must be acknowledged by the Bidder in the space provided in the Bid Summary and Bid Form. Failing to acknowledge Addenda may be cause for the Bid to be rejected. Addenda will become part of the Contract Documents.

PROFESSIONAL: NTH Consultants, Ltd.

DATE: 3/12/2025

APPROVED BY:

DATE: 3/12/2025

PROJECT DIRECTOR:

ARTICLE 7 SCHEDULE OF CHANGE ORDER PRICES

7.1 The Bidder shall use this "Schedule of Change Order Prices" to propose contingent prices. The proposed contingent Change Order prices set forth in this schedule, at the sole discretion of the **Owner**, may, or may not be incorporated into the Contract Documents. The **Owner** reserves the right to negotiate contingent Change Order prices set forth herein prior to their possible incorporation into the Contract Documents. Proposed Change Order prices will not affect determination of the lowest Bid.

7.2 Subject to their incorporation into the Contract Documents, as provided in the Agreement, the Bidder will add to, or deduct from, the Contract Work covered by the contingent prices that follow and accept in full payment, or allow in full credit, for that Work (a) those prices bid by the Bidder, or (b) if a particular price is not bid, the price proposed by the **Owner** (and shown in the appropriate column):

Item No.	Bid Quantity	Description	Item Bid Price
1	CY	Excavation and Off-Site Legal Disposal of Non-Hazardous Contaminated Material	
2	GAL	Permitting, Pumping, Testing, and offsite legal disposal of non-hazardous, contaminated liquids from site excavations in contact with contaminated soils	
3	GAL	Permitting, Pumping, Testing, and legal removal of liquids from site excavations	
4	CY	Excavation and Removal of subsurface concrete and/ or debris within project limits for normal urban fill consisting of, but not exclusive to, soil, brick, block, broken concrete (less than 20 sq ft in size), general debris, woody material less than 6 inches in diameter, stones/rocks, cobbles, and boulders less than 24" diameter	
5	CY	Excavation and Removal of subsurface concrete and/ or debris within project limits for buried foundation elements including contiguous concrete slab (reinforced and unreinforced greater than 20 sq ft in size), steel column/beam sections, concrete pits, concrete walls/columns/beams (reinforced and unreinforced)	
6	CY	Remove and Replace pavement base/subbase aggregate per project specification where existing aggregate base is not present at the required thickness or fails proof-rolling or compaction requirements	
7	CY	Perform subgrade undercut and replacement with suitable material per project specification where existing subgrade fails proof-rolling, compaction requirements, or undercut is required.	
8	EA	(Alt 1) Remove and replace deteriorated and/or cracked CMU blocks	
9	LF	(Alt 1) Remove and replace deteriorated mortar joints at CMU blocks	
10	LF	Remove and replace sealant	
11	SF	(Alt 1) Install Tar-based waterproofing system on concrete foundation wall (excludes excavation)	
12	SF	(Alt 1) Patch cracked and spalled concrete (Shallow Repairs<2inches deep)	
13	SF	(Alt 1) Patch cracked and spalled concrete (Deep Repairs>2inches deep)	
1	EA	(Alt 2) Downspout Connection PVC Piping and Threaded Cap	

Name of the Bidder _____ Agency No. 591

Funding Code MDOT Funded File No. 22274.MNB

Date _____

SIGMA VENDOR NUMBER _____

Telephone No. _____

Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
Project: MDOT Detroit Maintenance Garage
Project #: 23001451-500R



Report To:

Mr. Dave Lutz
 NTH Consultants, LTD.
 41780 Six Mile Road
 Northville, MI 48168

ARI Report # 25-116358
 Date Collected: 03/04/25
 Date Received: 03/06/25
 Date Analyzed: 03/06/25
 Date Reported: 03/06/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116358 - 01 Cust. #: S1 Material: CSB Siding Location: West Wall Appearance: brown,nonfibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 116358 - 02 Cust. #: S2 Material: CSB Siding Location: SW Corner Appearance: brown,nonfibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 116358 - 03 Cust. #: S3 Material: CSB Siding Location: SW Corner Appearance: brown,nonfibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 40 CFR - Part 763 and/or EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples as submitted and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Liability limited to cost of analysis.



NVLAP Lab Code 102118-0

APEX Research Inc., 7717 Kensington Ct., Brighton, MI 48116
 (734) 449-9990, Fax (734) 449-9991

Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
Project: MDOT Detroit Maintenance Garage
Project #: 23001451-500R



Report To:

Mr. Dave Lutz
 NTH Consultants, LTD.
 41780 Six Mile Road
 Northville, MI 48168

ARI Report # 25-116358
 Date Collected: 03/04/25
 Date Received: 03/06/25
 Date Analyzed: 03/06/25
 Date Reported: 03/06/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116358 - 04 Cust. #: S4 Material: CSB Siding Location: East Wall Appearance: brown,nonfibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: Cust. #: Material: Location: Appearance: Layer: of	Asbestos Present:	
Lab ID #: Cust. #: Material: Location: Appearance: Layer: of	Asbestos Present:	

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 40 CFR - Part 763 and/or EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples as submitted and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Liability limited to cost of analysis.



NVLAP Lab Code 102118-0

APEX Research Inc., 7717 Kensington Ct., Brighton, MI 48116
 (734) 449-9990, Fax (734) 449-9991