

**BID SPECIFICATIONS
FOR:**

2023

**MONROE COUNTY INTERMEDIATE SCHOOL DISTRICT
SUMMER 2023 CONCRETE PROJECT**

Monroe County ISD:
**1101 S. Raisinville Road
Monroe, Michigan 48161**

Project Location:
**1101 S. Raisinville Road
Monroe, MI 48162**



General Conditions:

Bids: Bids may be emailed to bids@monroeisd.us to be held and opened at the date and time below. OR, sealed bids will also be received at the Monroe County ISD Administration building below. One copy of the Bid must be submitted in a sealed, opaque envelope, and on forms provided by the OWNER with the project name ("**MCISD Summer 2023 Concrete Project**"), bidder's name and address clearly written on the outside of the envelope if submitting physical bid.

All bids shall be accompanied by a sworn and notarized Familial Relationship Disclosure Statement evidencing any familial relationship (or lack thereof) between the Owner or any employee of the bidder and any member of the Monroe County Intermediate School District Board of Education or the Superintendent of the School District. A copy of the Certification of Compliance-Iran Economic Sanctions Act is required. A copy of General Liability Insurance is also required.

Emailed bids should include "**MCISD Summer 2023 Concrete Project**" in the Subject of the email. Emails received after 11:59 P.M. (EST) on May 8, 2023 will be considered late. MCISD will make every effort to review junk, spam and quarantined email folders for date and time of receipt.

Bids to be delivered to:	Attn: Steve Foster, Director of Buildings and Grounds MCISD Summer 2023 Concrete Project Monroe County Intermediate School District 1101 S. Raisinville Road Monroe, Michigan 48161
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Bids will be accepted until 11:59 A.M. (EST) **May 8, 2023** at the above address.

A public bid opening will take place at **12:15 P.M. (EST) May 8, 2023** at the above address.

Bids not received at the noted location, or by email, by the time and date specified in this notice will not be considered and/or will be returned to the bidder unopened. The Owner reserves the right to reject any or all bids, to waive irregularities and/or informalities and to make award in any manner deemed for the best interest of the Owner.

Bids shall not be withdrawn for a period of sixty (60) days subsequent to opening of bid.

Submission: Before sealing the bid envelope or emailing it, check to be sure that:

1. The Bid Form is signed.
2. The Base Bid amount is filled in.
3. All applicable alternate amounts are filled in.
4. Bid Security is included.
5. All Addenda received are acknowledged.
6. All unit prices are filled in.
7. Signature Authorization is included.
8. Familial Disclosure Statement is included.
9. Certification of Compliance-Iran Economic Sanctions Act
10. A copy of General Liability Insurance

On the outside of the envelope identify:

1. The project name as noted in this invitation.
2. Bidder's name and complete address.

If the owner approves a proposed substitution or alternate prior to receipt of bids, such approval will be set forth in an addendum/clarification. Bidders shall not rely upon approvals made in any other manner.

No substitutions or alternates will be considered after the contract award unless specifically provided in the Contract Documents, by means of an addendum or other written approval.

BIDDING PROCEDURES

FORM AND STYLE OF BIDS

- A. Bids shall be submitted on forms identical to the form included with the bidding documents. Facsimiles (faxes) will not be accepted.
- B. All blanks on the bid form shall be filled in by typewriter or manually in ink.
- C. Where so indicated by the makeup of the bid form, sums shall be expressed in both words and figures, and in case of discrepancy between the two, the amount written in words shall govern. All items numbers must add up to the bid total and all items filled. Failure to fill in items may be considered an incomplete bid.
- D. Interlineations, alterations and erasures must be initialed by the signer of the bid.
- E. Where two or more bids for designated portions or bids of the work have been requested, the bidder may, without forfeiture of the bid security, state the bidder's refusal to accept the award of less than the combination of bids stipulated by the bidder, the bidder shall make no additional stipulations on the bid form nor qualify the bid in any other manner.
- F. Each copy of the bid shall include the legal name of the bidder and a statement that the bidder is a sole proprietor, partnership, corporation or other legal entity. Each copy shall be signed by the person or persons legally authorized to bind the bidder to a contract. A bid by a corporation shall further give the state of incorporation and have the corporate seal affixed. A bid submitted by an agent shall have a current power of attorney attached certifying the agent's authority to bind the bidder.
- G. Each bidder shall submit a completed copy of the attached Familial Relationship Disclosure Statement.
- H. Failure to include any of the above information may render the submitted bid incomplete and may be rejected by the Owner.

SUBMISSION OF BIDS

- A. All copies of the bid, the bid security, if any, and other documents required to be submitted with the bid shall be enclosed in a sealed opaque envelope. The envelope shall be addressed to the party receiving the bids and shall be identified with the project name, the bidder's name and address and, if applicable, the designated portion of the work for which the bid is submitted. **If the bids are sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "Sealed Bid Enclosed for: "MCISD Summer 2023 Concrete Project" on the face thereof. Any mailed bids must arrive at the designated drop-off location by the date and time required.**
- B. Bids shall be deposited at the designated location prior to the time and date for receipt of bids. Bids received after the time and date for receipt of bids will be returned unopened and will not be considered.
- C. The bidder shall assume full responsibility for timely delivery at the location designated for receipt of bids.
- D. Oral, telephone, or telegraphic (including facsimiles) bids are invalid and will not receive consideration.

***To set up an appointment to view job please call 734-625-1403 (Larry) or 734-322-2671 (Rafe) or 734-322-2670 (Steve). Please leave a voice mail if you do not get an answer and we will return your call as soon as possible.**

SCOPE OF WORK

PROJECT TIMELINE

- A. Project may be started after the bid is awarded by the MCISD Board of Education. Set dates for this project are July 10, 2023 to August 11, 2023. Any deviation from this time frame must be agreed upon by the construction company and the owner
- B. **Project must be completed by 5:00 p.m. Friday August 11, 2023.**

CONSTRUCTION AREA

- A. All work is located on the grounds of Monroe County Intermediate School District located at 1101 S. Raisinville Rd, Monroe MI 48161
- B. See attached "MCISD Campus" property layout for designated concrete areas.
- C. Estimated square footage of total project is 3250 square feet with one (1) non-ADA Ramp and a reinforced concrete dumpster pad area

SITE SAFETY

- A. Provide protective fencing and barriers at walks and parking to ensure safe passage onsite.
- B. The contractor is fully responsible for job site safety, including work personnel as well as employees and attendees. Compliance with rules of OSHA, State of Michigan, MDOT County of Monroe and any other authority having jurisdiction shall cover where applicable.

PERMITS AND FEES

- A. Contractor will be responsible for any inspection fees required on the project and any re-inspection fees if required.

COORDINATION OF WORK

- A. Contractor is responsible for coordinating scheduling, submittals, and work of the various specification sections to ensure efficient and orderly sequence of interdependent construction elements.

CONSTRUCTION SCHEDULE

- A. Upon award of the contract, the contractor shall present a Critical Path Construction Schedule. This schedule shall become part of the contract documents. The schedule shall identify all major categories of work (including Owner supplied items), done by Owner's subcontractors and others, their start and completion dates, lag times for non critical activities, the dates required for submittals and shop drawing approval, and the completion date of the project, noting allowance for weather delays.
- B. This schedule shall be revised and updated as required to incorporate changes in the project due to delays caused by weather, Change Orders, or other factors.
- C. Time for extended general conditions will not be approved unless adequately documented on this schedule.

CHANGE ORDER PROCEDURE

- A. **Any work performed without an approved Change Order will not be considered by the Owner for monetary compensation. It shall be the responsibility of the contractor to repair or redo any work that was done without the approval of a change order in order to meet the intent of the drawings and specifications and to the satisfaction of the Owner.**

INSURANCE REQUIREMENTS

A. The contractor/Bidder, prior to commencement of the work, shall obtain and provide all necessary insurance coverage verification as required by law as well as for his subcontractors and shall provide copies or verification of such coverage to the MCISD. Coverage is to include Bodily Injury, Property Damage, Workman's Compensation, etc. as carried by an insurer in the State of Michigan. The contractor/Bidder assumes responsibility for all loss of material and tools, destruction of equipment and other machinery and shall indemnify and save harmless the MCISD against all claims arising out of the performance of this contract. Insurance coverage shall remain in effect throughout the duration of the contractor/Bidder's work under this Agreement.

Insurance limits shall be:

1. **Worker's Compensation:** As required by all applicable Federal, state, or other laws including employer's liability shall be in compliance with the statutory limits.
2. Comprehensive General Liability, including property damage liability, professional liability, bodily injury liability, subcontractor's liability, contingent liability, contractual liability, products and completed operations, all on the occurrence basis with person injury coverage and broad form property damage. Limits shall be at least the following:

Each occurrence	\$2,000,000
General Aggregate	\$2,000,000

3. Comprehensive Automobile Liability, including non-ownership and hired car coverage as well as MCISD's vehicles, with at least the following limits:

Combined single limit	\$1,000,000
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4. Umbrella or excess liability coverage of: \$5,000,000

Each subcontractor shall provide proof of insurance to the contractor/Bidder prior to commencement of work. Insurance coverage shall remain in effect throughout the duration of the subcontractor's work. Should a subcontractor's coverage expire, the subcontractor shall notify the contractor/Bidder and the MCISD thirty (30) days prior to expiration. The MCISD or contractor/Bidder may insure the work and deduct the costs from the subcontractor contract amount.

Prior to any permit being issued, the above minimal insurance certificates must be presented to the MCISD with the MCISD as an additional insured.

PROGRESS CLEANING AND WASTE REMOVAL

- A. Contractor shall provide dumpsters as needed for waste removal of all site debris and any of the subcontractor's debris. **Use of the Owner's existing dumpsters shall be prohibited.**
- B. Contractor shall keep the site and structures clean and free of debris at all times.
- C. Debris shall be picked up and site cleaned daily. Work areas shall be broom cleaned daily if needed and all debris removed.

SOIL MATERIALS

- A. Topsoil, if reused, to be clean and free of rocks larger than 1/4" and free of any vegetation.
- B. Imported topsoil, if required, shall be clean, free of rocks larger than 1/4" and free of any vegetation.
- C. Subsoil, use stockpile excavated sub soil if acceptable.
- D. All excess stone in the area must be removed or reused on site in agreement with the owner.

EXAMINATION AND PREPARATION

- A. Prior to starting Work:
 1. Coordinate excavation with Owner prior to the start of the project.
 2. **CALL "MISS DIG" BEFORE YOU DIG.** Contractor is responsible to ensure that all underground utilities have been identified, located, and carefully marked so that services are not interrupted. If services need to be interrupted (only by written permission from the Owner) you must provide a minimum 48-hour notice to the owner and receive written notice to proceed prior to interrupting services.

REJECTING DEFECTIVE WORK

- A. The Owner may disapprove or reject work which the owner believes to be defective, or that the owner believes will not produce a completed project that conforms to the contract documents or that will prejudice the integrity of the design concept of the completed project as a functioning whole as indicated by the contract documents. The owner may also bring in an outside contract service to determine if the work is defective. The owner will also have authority to require special inspection or testing of any work, whether or not the work is fabricated, installed, or completed.

PROJECT CLOSEOUT

- A. Remove any temporary measures and restore site to a finished condition.
- B. Remove all construction debris and construction dumpsters from site.
- C. Cleaning: Broom clean all hard surfaces as needed.
- D. Contractor shall submit to Owner the project manual containing the following:
 - 1. Provide list of all subcontractors and their phone numbers.
 - 2. Copies of warranties from all subcontractors and suppliers.
 - 3. Copies of final lien waivers from all subcontractors.

CONCRETE and RAMP SPECIFICATIONS

SCOPE

Scope of this section includes providing all labor and material required to perform the work described herein and/or as shown on the drawings.

- A. Remove all existing concrete and/or asphalt in existing designated areas and provide concrete as specified in the specifications.
- B. Final grading and preparation for designated concrete areas as per the specifications put forth.
- C. Restore all existing pavement markings, signs, and parking bumpers.

STANDARDS

- A. Conform to Local and State Departments specifications or as otherwise notified.

CONCRETE AREAS

- A. All "driveway or parking lot areas" are to be a minimum of 8" thickness with wire mesh or rebar enforcement throughout area.
- B. Expansion joints to be provided at all intersections of old to new concrete or asphalt, at building seams, and at seven (7) foot spacing on flat work.
- C. Concrete to be poured on required compacted soil.
- D. Concrete sidewalk and curb work to meet or exceed existing concrete depths.

ADA RAMP

- A. All ramp areas are to conform to the following: (unless otherwise noted as non-ADA or specified by the owner)

642.2.2 Curb Ramps

Curb ramps will be provided wherever a sidewalk crosses a curb. Curb ramps should not be installed where there are no sidewalks as they may mislead a person with disabilities to an area where an accessible pedestrian pathway is not provided. However, if there is a commitment to install sidewalks in the near future, approximately 1 year or less, curb ramps should be installed with a current project if it results in more efficient construction and lower cost. Curb ramps should be installed at each end of an accessible route to allow access onto the route.

The design and construction of curb ramps require thought and planning. The curb ramp must be designed to meet the existing topographical and physical constraints, and the requirements for curb ramp slope, cross slope, landings and connection to the street.

Curb and sidewalk ramps will be designed in accordance with the standard plans or varied to fit the needs at a particular location. Situations that do not fit the standard plans are to be identified on a field check. If a particular curb ramp differs from the standard plans, the ramp will be detailed on the plans. The exact location of the curb ramps and crosswalks for intersections will be shown on the plans.

The following criteria apply to all curb ramp situations:

Width - curb ramps in new construction will have a clear width of 5 ft., exclusive of flared sides. In an alteration, the width will be the same as the adjoining sidewalk or a minimum of 4 ft.

Cross slope - The cross slope on all curb ramps will be a minimum of 1%, up to 2% maximum.

Running slope - The least possible running slope will be used for all ramps. The minimum running slope for drainage purposes is 1%. In new construction, the maximum slope allowed by ADAAG is 8.33% (1V:12H). Consideration should be given to construction accuracy and future settlement.

Grade breaks - Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. Grade breaks shall not be permitted on the surface of curb ramps, blended transitions and landings within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.

Landings - Curb ramps: A minimum 5 ft. x 5 ft. level landing with a minimum of 1% and no more than 2% cross slope in any direction will be provided wherever two sidewalks cross, or a turn may be required. Perpendicular curb ramps may require a pedestrian to choose a direction from a landing at the top of the ramp. Parallel curb ramps require a landing at the bottom so that a pedestrian can turn to enter the street. A diagonal ramp requires a landing at the top and a 4 ft. x 4 ft. clear space at the bottom protected within the crosswalk markings.

Detectable warnings, or truncated domes - Detectable warnings must be placed at all public streets and signalized intersections. They will be located at the bottom of each ramp a maximum of 5 ft from the curb face, or 6 to 8 in. from the curb face if the distance to the bottom of the ramp is greater than 5 ft. Additional information may be found in EPG 642.2.3 Detectable Warnings.

Islands and medians - Raised islands and medians in crosswalks will be cut through level with the street and include a level passing space of 5 ft. x 5 ft. The cut through width will meet the requirement of an accessible route. Median cut through length is to be 4 ft.min. Detectable warning will be provided at each entrance to the street.

Steps - Sidewalk ramps will be provided at locations where steps occur, such as at the ends of bridges having sidewalks across the bridge or at pedestrian grade separations.

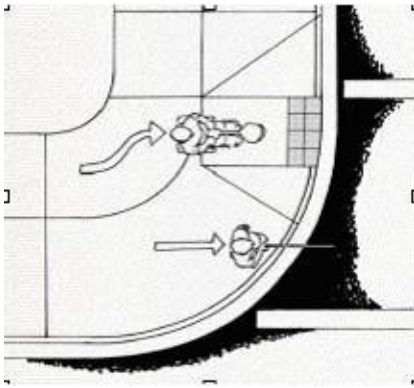
Obstacles - No obstacles (grates, utility covers, etc.) should be within a ramp. If they cannot be avoided, they will have stable, firm and slip resistant surfaces, have flush transitions, and meet the change in level requirements. Storm drain inlets are to be designed outside of the ramp area but located so as to minimize water runoff or pooling of water at the bottom of ramps.

Parking - Curb ramps will be located or protected to prevent their obstruction by parked vehicles.

Crosswalk markings - Curb ramps at marked crosswalks will be wholly contained within the markings, excluding any flared sides. The minimum crosswalk is 6 ft. Pay items - The designer will estimate the square yardage for curb ramp and include it with the estimate for sidewalks and the quantity will be shown on the 2B sheet(s). A separate pay item is included for detectable warnings since they are not required on all ramps, and in many cases, are required to be retrofitted on existing curb ramps.

See the Sec 608, Standard Plan 608.50 and EPG 642.1.4 for additional information.

642.2.2.1 Curb Ramp Alignment



The accessible route should be perpendicular to the curb being crossed to provide a level cut for wheelchairs and directional cues for the visually impaired. By placing curb ramps perpendicular to the curb, grade changes are at right angles that will allow all four wheels of a wheelchair to be in contact with the ground at all times. Curb ramps located at the tangent point provide the shortest pedestrian crossing. Alignment of curb ramps, crosswalks and raised islands is an important consideration in providing a safe crossing for the visually impaired.

For large radii, it is often not possible to both place curb ramps perpendicular to the curb and in-line with the pedestrian crossing. Ramps may be set back from the curb to provide a grade break that is perpendicular to the ramp slope and a landing or blended transition will continue to the curb. If the bottom of the ramp is more than 5 ft. from the curb, detectable warnings are placed at the back of the curb line. Parallel ramps are often useful in this situation.

642.2.2.2 Flares on Ramps

If a curb ramp is located where pedestrians may walk across the ramp, or the ramp is not protected by handrails, guardrails, or a permanent obstacle, and the landing or the sidewalk at the top of the ramp is 4 ft. or wider, the flared sides of the ramp will have a maximum slope of 1V:10H (10%). If, due to a technical infeasibility, the sidewalk is narrower than 4 ft., the maximum slope will be 1V:12H (8.33%). The sidewalk width, X in Figure 642.2.2.2, must be at least 3 ft. A parallel ramp may be more appropriate in some situations.

Vertical curbs or flares greater than 1V:10H are allowed where the pedestrian path will not cross the ramp. Refer to Figure 642.2.2.2. Handrails are not required on curb ramps.

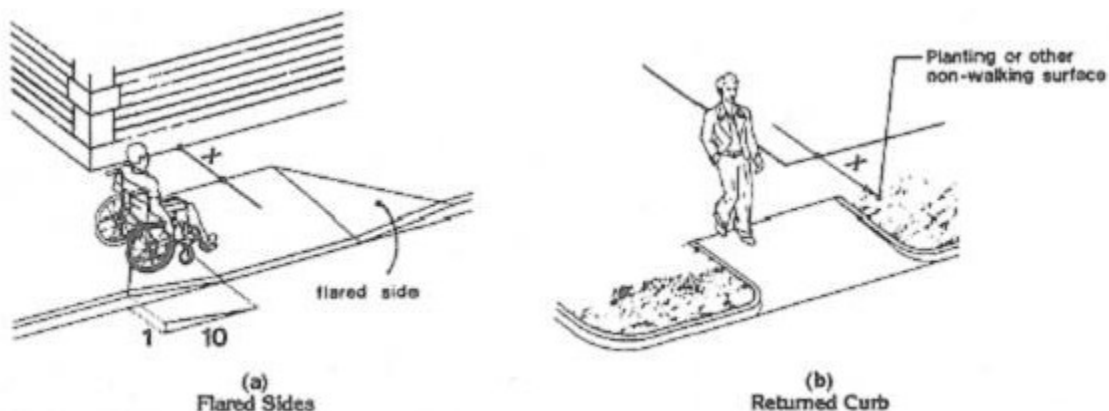


Figure 642.2.2.2

PAVEMENT MARKING

A. Traffic marking paint to be blue for handicapped parking, yellow for space striping and other markings as noted on drawings, by Pittsburgh Paint, System 11-3, or acceptable alternate. Federal Specification number: TT-P-115F Type 1.

Asphalt Paving
Section 02530-2

B. See site plan for location and spacing.

PREPARATION

A. Verify elevations of all subgrades prior to placing base. Coordinate all finish grading with site drainage and concrete walks and paving.

B. Any areas that are soft or spongy need to be re-excavated, filled with granular fill, compacted, and re-tested – proof roll with loaded 10 ton truck.

C. Verify that drive and parking area are graded to drain properly.

SITE CONDITIONS

A. Do not install concrete when surfaces are wet or frozen or in inclement weather.

B. Do not install concrete when ambient and surface temperatures are below 40° F.

PARKING AREA LINES

A. Prepare for and paint lines in strict accordance with manufacturer's specifications and instructions.

PROPOSAL FOR

MCISD Summer2023 Concrete Project

TO THE (Owner)

The undersigned, as Bidder, hereby declares that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that he has read and examined the Information for Bidders, Bid, General Conditions, Agreement, Forms of Bonds, Specifications and Plans, as prepared by the owner, and understands all of the same; that he or his representative has made personal investigation at the site and has informed himself fully with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the PROJECT and performing related work in full accordance with the aforesaid Contract Documents:

AWARD OF CONTRACT: The Contract(s) will be awarded to the lowest responsive, responsible Bidder based on a lump sum price.

PROPOSAL PRICE: The Bidder agrees to complete the PROJECT for the following unit prices and/or lump sums:

_____ Dollars

(\$_____)

(Amount shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern.)

The undersigned agrees that if the foregoing Bid shall be accepted by the OWNER, he will, within two (2) days (Sundays and legal holidays excepted) after receiving notice of such acceptance, enter into a formal Contract and will complete the PROJECT, ready for use, at the price and within the time stated in this Bid, and that he will furnish the OWNER satisfactory certificates of insurance coverage.

The undersigned further agrees that if the foregoing Bid shall be accepted, he will commence work immediately after the Contract has been awarded, the Agreement executed, and upon receipt of Notice to Proceed (anticipated 2 days from bid date providing contractor requirements for work commencement have been met) and the entire scope of work shall be completed no later than Friday August 11, 2023, unless noted otherwise by owner.

SITE WORK SHALL NOT BE PERMITTED TO BEGIN PRIOR TO July 10, 2023. THE ENTIRE SCOPE OF WORK SHALL BE COMPLETED BY August 11, 2023 UNLESS NOTED OTHERWISE. (Prep work can start earlier if approved by Director of Buildings and Grounds.)

In submitting this bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all bids, and to waive irregularities in bidding in the interest of the OWNER. NOTICE IS HEREBY GIVEN that OWNER is requesting sealed proposals for services on proposed project.

OWNER must receive completed bids for the project before the time and date noted on the Invitation to Bid. Opening of the bids will commence as soon as reasonably practical thereafter. OWNER may reject any and all bids for any reason it deems in their best interest and may accept a bid other than the lowest bid, if it is determined to be in the best interest of the OWNER. The Bidder has completed the accompanying "Legal Status" form.

Lump Sum Total of Bid:

\$ _____

TOTAL OF BID: _____
(write out the total bid sum in words)

_____ Dollars

Contractor Signature: _____

Printed Name and Title: _____

Date: _____

Quantities are not guaranteed. Final payment will be based on actual quantities.

Bidder agrees that the work will be completed and ready for final payment in accordance with the General Conditions. All work on the **2023 Summer Concrete Project** to be completed by **August 11, 2023** and as detailed in the Time of Completion section above unless pre-approval for later date is agreed upon in advance with the Director of Buildings and Grounds.

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If Bidder is: An Individual

By: _____(SEAL)
Individual's Name

Doing Business As: _____

Business Address: _____

Phone No.: _____

A Partnership

By: _____(SEAL)
Firm Name

General Partner

Business Address: _____

Phone No.: _____

A Corporation

By: _____(SEAL)
Corporation Name State of Incorporation

By: _____
Name of Person Authorized to Sign

Title

Business Address: _____

Phone No.: _____

A Joint Venture (Each party to the joint venture must sign.)

By: _____

Business Address: _____

Phone No.: _____

By: _____

Business Address: _____

Phone No.: _____

AFFIDAVIT FAMILIAL RELATIONSHIP
THE AFFIDAVIT SET FORTH BELOW MUST BE EXECUTED ON BEHALF
OF THE VENDOR AND FURNISHED WITH EVERY BID

The Board of Education will not accept this bid without this completed, signed and notarized form.

STATE OF: _____

COUNTY OF: _____

_____, being sworn, says
(Affiant's printed name)

1. I am the _____ of _____,
(Title) (Vendor-bidder)

which has submitted to MONROE COUNTY INTERMEDIATE SCHOOL DISTRICT, a
bid for the Summer 2023 concrete project.

2. I state that there is NO familial relationship between the owner or any employee of
above Vendor-Bidder and any member of the Board of Education or the Superintendent
of Monroe County Intermediate School District, said exceptions being as follows:

Signed: _____

Printed: _____ Date: _____

SWORN TO and subscribed before me, a Notary Public, in and for the above-named state
and county this _____ day of _____, 20____

My commission expires on _____

Signature: _____, Notary Public

**CERTIFICATION OF COMPLIANCE – IRAN ECONOMIC SANCTIONS
ACT
Michigan Public Act No. 517 of 2012**

The undersigned, the owner, or authorized officer of the below-named company (the “Company”) hereby certifies, represents, and warrants that the Company (which includes its officers, directors and employees) is not an “Iran Linked Business” within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the “Act”), and that in the event the Company is awarded a contract by Monroe County ISD as a result of an RFP, the Company is not and will not become an “Iran Linked Business” at any time during the course of performing any services under the contract.

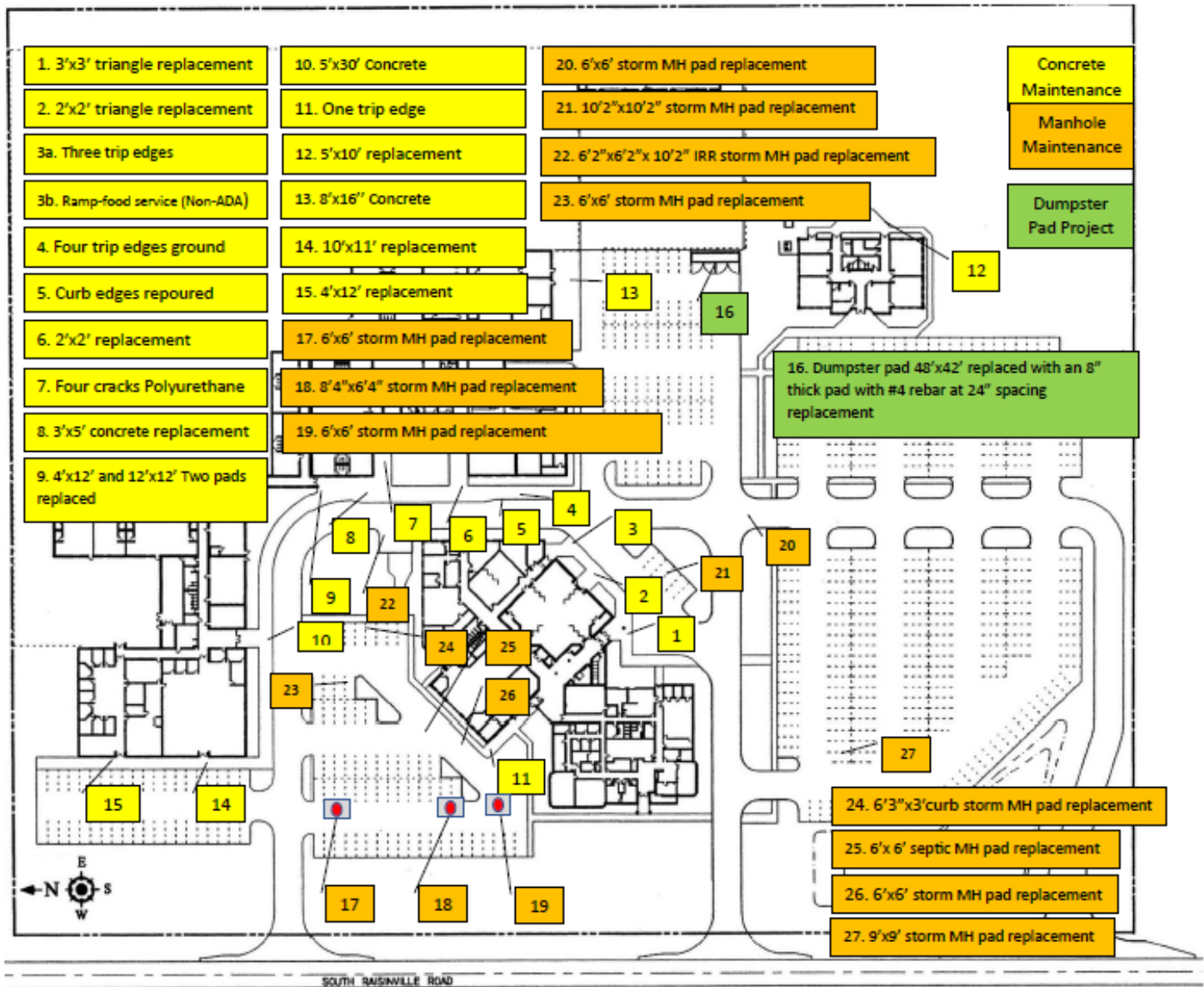
The Company further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of Monroe County ISD’s investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to submit a bid/proposal for three (3) years from the date the it is determined that the person has submitted the false certification.

Name of Company

Name and Title of Authorized Representative

Signature

Date



Appendix A.

2023 Concrete Maintenance Line-Item Specifications

Approximate: 3250 square feet

1. 3'x3' triangle replacement
2. 2'x2' triangle replacement
3. (a) Three trip edges
3. (b) Ramp for food service area 5'x10'
4. Four trip edges ground down
5. Curb edges repoured
6. 2'x2' replacement
7. Four cracks Polyurethaned
8. 3'x5' concrete replacement
9. 4'x12' and 12'x12' Two pads replaced
10. 5'x30' Concrete replacement
11. One trip edge ground down
12. 5'x10' replacement
13. 8'x16" Concrete replacement
14. 10'x11' replacement
15. 4'x12' replacement
16. Dumpster pad 48'x42' replaced with an 8" thick pad with #4 rebar at 24" spacing.
17. 6'x6' storm MH pad replacement
18. 8'4"x6'4" storm MH pad replacement
19. 6'x6' storm MH pad replacement
20. 6'x6' storm MH pad replacement
21. 10'2"x10'2" storm MH pad replacement
22. 6'2"x6'2"x10'2" IRR storm MH pad replacement
23. 6'x6' storm MH pad replacement
24. 6'3"x3' curb storm MH pad replacement
25. 6'x6' septic MH pad replacement
26. 6'x6' storm MH pad replacement
27. 9'x9' storm MH pad replacement

Appendix B.