

**POST BID
ADDENDUM
NO. 3**

February 18, 2025

**Oak Hill Jr. High Roof Replacement and Oak Hill High School MEP Upgrade
Jr. High - 7760 W. Delphi Park – 27
High Sch. - 7756 W. Delphi Park – 27
Converse, IN 46919**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated November 8, 2024, by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3.2, Specification Section 00 02 00 – Notice to Bidders, Specification Section 00 31 00 – Bid Revised Bid Form, Specification Section 01 12 00b (Revised Multi- Contract Summary), Specification Section 00 21 00 (Revised Allowances), Specification Section 01 23 00 (Alternates), Specification Section 09 96 00 High Performance Coatings, Drawing Sheet A-860.

A. SPECIFICATION SECTION 00 02 00 - NOTICE TO BIDDERS

1. Revised Notice to Bidders is herein with this Addendum.

B. SPECIFICATION SECTION 00 31 00 – BID FORM

1. Revised Bid Form is attached herein this Addendum.

C. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.03 Bid Categories

Add the following:

Bid Category No. 03 – High School Natatorium Repaint

- a. Add Prime Contract to Apply High Performance Coating to the Natatorium

B. SPECIFICATION SECTION 01 21 00 - ALLOWANCES

1. Paragraph 3.02 – Contingency Allowances

Add the following:

Bid Category No. 03 – High School Natatorium Repaint

- a. Add allowance amount for Bid Category No. 03

C. SPECIFICATION SECTION 01 23 00 – ALTERNATES

1. Paragraph 1.04 Schedule of Alternates

Add the following:

Alternate No. 1 – Apply High Performance Coating to the walls of the natatorium per sheet A-860.

SECTION 00 02 00 - NOTICE TO BIDDERS

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received:

By: Oak Hill United School Corporation
1474 N. 800 West - 27
Converse, IN 46919

For: Oak Hill Jr. High Roof Replacement And Oak Hill High School Pool MEP Upgrade
Jr. High - 7760 W. Delphi Park – 27
High Sch. – 7756 W. Delphi Park – 27
Converse, IN 46919

At: Oak Hill United School Corporation
1474 N. 800 W. 27
Converse, IN 46919

Until: March 11, 2025 - eBid Electronic Bid Submission – 2:00PM (local time)

Bid Opening: Bids will be publicly opened and read aloud at 2:15 PM (local time), at Oak Hill United School Corporation, 1474 N. 800 W. 27, Converse, IN 46919.

All work for the complete construction of the Project will be under one or more prime contracts with the Owner based on bids received and on combinations awarded. The Construction Manager will manage the construction of the Project.

Construction shall be in full accordance with the Bidding Documents which are on file with the Owner and may be examined by prospective bidders at the following locations:

Office of the Construction Manager
The Skillman Corporation
3834 S. Emerson Avenue, Building A
Indianapolis, IN 46203

The Skillman Plan Room
www.skillmanplanroom.com

Prime and Non-Prime Contract Bidders must place an order on www.skillmanplanroom.com to be able to download documents electronically or request printed documents. There is no cost for downloading the bidding documents. Bidders desiring printed documents shall pay for the cost of printing, shipping and handling. Reprographic Services are provided by:

Eastern Engineering 9901 Allisonville Road, Fishers, IN 46038, Phone 317-598-0661.

WAGE SCALE: Wage Scale does not apply to this project.

A Pre-Bid Conference will be held Virtually via Microsoft Teams on March 4, 2025 at 9:00AM, local time. Also, A Site Walk Through at 1:00PM.

Jr. High - 7760 W. Delphi Park – 27, High Sch. – 7756 W. Delphi Park – 27, Converse, IN 46919.

Attendance by bidders is optional, but recommended, in order to clarify or answer questions concerning the Drawings and Project Manual for the Project.

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 270 297 663 571

Passcode: YD37Gf78

Dial in by phone

[+1 317-762-3960,,416845671#](#) United States, Indianapolis

[Find a local number](#)

Phone conference ID: 416 845 671#

Bid security in the amount of ten percent (10%) of the Bid must accompany each Bid in accordance with the Instructions to Bidders.

The successful Bidders will be required to furnish Performance and Payment Bonds for one hundred percent (100%) of their Contract amount prior to execution of Contracts.

Contractors submitting bids for the performance of any Work as specified in this building Project should make such Bids to **Oak Hill United School Corporation**. Contractors are advised that the Contract as finally entered into with any successful Bidder may be entered into with either the School Corporation or the Building Corporation or certain portions of the Contract may be entered into by both the School Corporation and the Building Corporation.

The Owner reserves the right to accept or reject any Bid (or combination of Bids) and to waive any irregularities in bidding. All Bids may be held for a period not to exceed **60** days before awarding contracts.

Oak Hill United School Corporation

By: Sheri Hardman, Superintendent

END OF SECTION 00 02 00

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for OHUSC)

**Oak Hill Jr. High Roof Replacement And
Oak Hill High School Pool MEP Upgrade**

Oak Hill United School Corporation
(Miami, County)

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

Insert Category No. (s) and Name(s)

Of public works project, **Oak Hill Jr. High Roof Replacement And Oak Hill High School Pool MEP Upgrade**, in accordance with Plans and Specifications prepared by *Gibraltar Design, 9102 N. Meridian St., Ste 300, Indianapolis, IN 46260*, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____ DOLLARS (\$) _____
(Sum in figures)

Receipt of Addenda No. (s) _____

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Has visited the jobsite YES _____ NO _____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6. YES NO _____

Bidder has included:

DBE:	YES _____%	NO _____
MBE:	YES _____%	NO _____
WBE:	YES _____%	NO _____
VBE:	YES _____%	NO _____

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

- A. Alternate Bid No. 1: Add high Performance coating to the walls of the natatorium.
- Repair damage on walls, prime repairs - Refer to drawings A-860 – A-901

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

PART II

(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will required a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____ this _____ day of _____, 20

(Name of Organization)

By

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)

) SS:

COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

(Title)

Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

Electronic Bid Submission

Submit and review bids electronically through the plan room and not in person. We are here to help businesses go from paper to uploading bids electronically. Step by step we will help transition your teams today.

Easy, Confidential and Complete



Suppliers can submit bids with **no paper, no delivery and no mailing.**



Easily upload all documents from your office for both job owners and suppliers.



Complete communication through the plan room.



The bids can't be viewed by anyone, even authorized people, until the bid day/time is past. **Secure and fair for all bidders.**



Contractors may return at any time prior to the posted bid date and time, to make changes or updates



Only after close time and only those with authorization can download, open and review the submitted bids.



When bid time ends, simply arrange a meeting to review all the bids.



Every one is working together within the online plan room.

To add this feature to your next project contact Tamara Tincher
Tamara.Tincher@easternengineering.com or (317) 827-6083.

How to submit a bid electronically through the online plan room

- 1) Bidders need to register and sign-in to the plan room, in order to submit a bid.
- 2) Click on the project listing then click 'Submit Bid' button.
- 3) Save your completed bid form and required forms as PDFs.

All bid documents can be in one pdf or separate pdf documents can be uploaded.

- 4) Click 'Submit Bid' next to the job name on the information tab.
- 5) Attach bid form and required bid documents per the project specifications.
- 6) You will receive a confirmation screen, stating that, "Your Bid Submission has been saved successfully."

You will receive a confirmation email confirmation, indicating your submission was received.

Completely Secure

- The bids can't be viewed by anyone, even authorized people, until the bid day/time is past. Keeping the process secure and fair for all bidders.
- Only after close time and only those with authorization can download, open and review the submitted bids
- Every one is working together within the online plan room and completely secure.

Support is Available

If you have any questions contact Tamara at
Tamara.Tincher@easternengineering.com
or (317) 827-6083.

Project listing

Project Name	Company Name	Pre-Bid Date	Bid Date	Bids In
Indiana University Announcements / Other				
VPCF Construction Procurement - Bid Tabs & Awards				
Indiana University				
Small Projects - Under \$150,000				
IN305Y - 1011 Dr Martin Luther King Jr. St. Rehabilitate Sprinkler & Fire Alarm - #20222198	CHTA	08/29/2023 09:00 AM ET	09/14/2023 02:00 PM ET	3 Days
Indiana University Bloomington				
BL000A Site - Replace Sub D 12KV Switchgear & MV Circuit 203 Modifications - #20222158	Alpha Engineering, Inc.	09/07/2023 10:00 AM ET	09/21/2023 02:00 PM ET	10 Days
BL000B Multi - Building Redbud Hill Apartments Demolition - BL547 Redbud 1 East & BL548 Redbud 2 North - #20230050	Bidcoo Riggott Cooper James.	08/21/2023 10:00 AM ET	08/31/2023 02:00 PM ET	Bid Tab
BL065 - Optometry Emergency Generator - #20221144	CHTA	08/24/2023 11:00 AM ET	09/07/2023 02:00 PM ET	Bid Tab
BL107 Biology Building Second FL Labs - Renovation - #20222645	QHB Architecture + Engineering	08/29/2023 01:00 PM ET	09/14/2023 02:00 PM ET	3 Days
BL119 School of Public Health - Upgrade Ceiling and Lighting at Royer Pool - #20222123	Schmitt Associates	08/18/2023 10:00 AM ET	08/30/2023 02:00 PM ET	Bid Tab
BL419 - PSYCHOLOGY - Replace Electrical Distribution Equipment - #20222126	CHTA	08/24/2023 11:00 AM ET	09/07/2023 02:00 PM ET	Bid Tab

Click on Submit Bid

IN064 - DENTAL - AHU-1A Rehabilitation & DDC Upgrade - #20222175

Information

Plan Holders

Plans

Shipping Information

Edit

View Log

Submit Bid

IN064 - DENTAL - AHU-1A Rehabilitation & DDC Upgrade - #20222175

Company Contact

Location

Pre-Bid Information

Bid Information

Advertisement

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Job Purchase Information:

Up to three complete sets of bidding documents are available to UNIFIED BID BIDDERS (SUBMITTING A BID DIRECTLY TO IU) for a \$125. Refundable deposit check per set, made payable to Indiana University (include the name of the job in the reference line). Scan a copy of this check (for shipping and delivery orders) to Eastern Engineering-Fishers Office, fishersplanroom@easternengineering.com AND deliver the original check (for all orders) to Eastern Engineering-Fishers Office, 5901 Allisonville Rd, Fishers, IN 46038.

Downloadable and Printed Sets of Bidding Documents may be ordered per the options listed on the Order page (plus Processing Fee, Tax, and Shipping/Packing Fee). The above information is not correct, please go to My Account > Edit My Profile to update before submitting.

Bid Categories

BIDDER-UNIFIED BID (SUBMITTING A BID DIRECTLY TO IU)

Subcontractor/Supplier (PURCHASE)

Plan Room

IC Eastern Engineering Use Only

Drag file here or click browse to select your pdfs

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Submit Bid for IN064 - DENTAL - AHU-1A Rehabilitation & DDC Upgrade - #20222175

Submission Form (Fields with a * are required)

Time Remaining

21 Days, 22 Hours, 20 Minutes, 54 Seconds

Do not wait until the last second to submit a bid. Your Internet connection might cause a delay which would prevent your submission from being received before the bid time has ended. You must upload your bid document and click "Submit Bid" at the bottom of this page before the time is up.

Contact Information:

Eastern Engineering - Fishers

5901 Allisonville Road

Fishers, IN 46038

Note: If the above information is not correct, please go to My Account > Edit My Profile to update before submitting.

For assistance with uploading, please contact Eastern Engineering:

Fishers Plan Room: fishersplanroom@easternengineering.com | Phone: 317-598-0561 ext. 313

*Bid Document:

Drag files here, or browse

Comments:

Submit Bid

Click Submit Bid

SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

1.02 SUMMARY

- A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.
- B. Owners right to maintain current operations
- C. Occupancy requirements
- D. Work by Owner
- E. Permits, fees, and notices
- F. Labor and materials
- G. Verifications of existing dimensions
- H. Project security
- I. Coordination of work
- J. Time of commencement and completion
- K. Schedule of contract responsibilities

1.03 WORK UNDER SEPARATE CONTRACTS

- A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.
- B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the Work, Contractors shall be responsible for their Work as specified herein and as

indicated on the Drawings. Although the majority of the Drawings are "to scale," Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

- C. Separate prime contracts will be awarded as per the **"Schedule of Contract Responsibilities"** (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.
- D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM

- A. The Construction Manager shall be responsible for the maintenance of the Construction Schedule and management of every phase of the Work.
 - 1. Each Contractor shall read the Specifications and Drawings for other separate Contracts for fixed equipment and the like to be incorporated or attached or built into the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
 - 2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
 - 3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.
- B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.
- C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.

- D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

1.05 PRIME CONTRACTORS USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

- B. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.
- C. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.
- D. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.
- E. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.

1.07 OCCUPANCY REQUIREMENTS

- A. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.
- B. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial

Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.

1. The Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
2. Party which obtained general building permit shall obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

1.08 WORK BY OWNER

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
 3. Existing school maintenance work.
 4. The purchase and supplying of certain materials as noted in the Project Manual.
 5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

1.09 PERMITS, FEES, AND NOTICES

- A. The Construction Manager will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of his Work, which are applicable at the time the bids are also received. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
 1. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.
- B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.

- C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

1.10 LABOR AND MATERIALS

- A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.
- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.
- D. Contractors will conduct criminal background checks (extent of and/or service to be used will be established by the Owner) on every employee assigned to work on the Project and clear them through the National Sex Offender Registry prior to their assignment to Project. Contractors will require the same of sub-contractors.
- E. ID Badges will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project.

- F. E-Verify Compliance: Pursuant to I.C. 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program (Program). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Also pursuant to I.C. 22-5-1.7, Contractor must execute an affidavit affirming that the Contractor does not knowingly employ an unauthorized alien and confirming Contractor's enrollment in the Program, unless the Program no longer exists, shall be filed with the Owner prior to the execution of this contract. This contract shall not be deemed fully executed until such affidavit is delivered to the Owner.

Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this provision the Owner shall require Contractor to remedy the violation not later than thirty (30) days after the Owner notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, the Owner shall terminate the contract for breach of contract. If Owner terminates the contract, Contractor shall be liable to the Owner for actual damages in addition to any other contractual remedies. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

Prior to performing any work, Contractor shall require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of this contract or project which is the subject of this contract. If Contractor determines that a subcontractor is in violation of this provision, Contractor may terminate its contract with the subcontractor for such violation. In Accordance with I.C. 5-16-13 Contractor must provide the E-Verify Case Number of every employee that works on the project. This requirement includes the contractor's subs and suppliers to the fourth (4th) tier.

- G. The Owner is requiring that all contractors' personnel and their onsite employees and subcontractors submit to expanded history and child protection index check. Contractors shall enroll in the Safe Vendor Program through Safe Hiring Solutions www.safehiringsolutions.com. Enrollment in Safe Vendor will ensure contractors employees are vetted in accordance with I.C. 20-26-5-10 for expanded criminal history and expanded child protection index check. Contractor is responsible for the cost of enrollment and employee background check. All contractors' personnel and employees, once cleared for work will be issued a project identification badge that must be worn at all times while on site. All contractors/subcontractors employees shall provide name, address, picture state driver's license or picture identification card and/or Safe Vendor Card to The Skillman Corporation Site Manager upon request.

- H. Pursuant to Indiana Code 5-16-13 Requirements for Contractors on Public Works Projects enacted by the Indiana Legislator requires, in addition to requirements already in effect, contractors to comply with the following:
1. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
 2. Qualification thru the Department of Administration or INDOT requirement in accordance with IC 4-13.6-4.
 - a. **Bids shall not be considered unless (1) the Prime Bidder and (2) all lower tiered subcontractors whose subcontract value is estimated to be \$300,000 or more are qualified at the time of the bid in accordance with IC 4 – 13.6 – 4.**
 3. Include Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6 with Bid.
 4. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
 5. Mandatory enrollment in E-Verify by all contractors down to the 4th Tier Sub Contracts and must provide the case verification number of all employees working on the project.
 6. Prohibits contractors down to the 4th Tier Sub Contract from paying employees in cash.
 7. Requirement to retain payroll records for 3 years
 8. All contractors down to the 4th Tier Sub Contract must comply with Fair Labor Act, Indiana’s Workers Compensation and Unemployment Compensation Insurance.
 9. Mandatory Training Requirements based upon number of employees.
 10. Failure to comply may result in debarment from public works projects for up to 4 years.

All contractors down to the 4th Tier Sub Contract must maintain general liability insurance in at least the following amounts: Each Occurrence Limit of \$1,000,000 and General Aggregate Limit of \$2,000,000. Other requirements and limits may apply see specification section 00 50 00 Schedule of Insurance Requirements.

1.11 CUTTING AND PATCHING

- A. Refer to Section 01 73 10 – Cutting and Patching, for provisions on this subject.

1.12 VERIFICATIONS OF EXISTING DIMENSIONS

- A. When verification of existing dimensions is required, the Contractor requiring said verification for the construction or fabrication of his material shall be the Contractor responsible for the procurement of the field information.

1.13 PROJECT SECURITY

- A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall include not only their own work or property but that of other contractors and the Owner.
- B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE

- A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.
- B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.
- C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.
- D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.
- E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.
- F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific

item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.

- G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.
- H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

1.15 COORDINATION OF WORK

- A. Each Contractor is responsible to coordinate his Work with the Work of other trades and other Contractors and requirements of the school system. The Contractor must make space allowances for Work of other Contractors; provide necessary openings where indicated or implied by the Drawings and Specifications. Each Contractor is responsible to protect his own Work.

1.16 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
 - 1. It is anticipated that construction will start within **165** calendar days after receipt of bids.
 - 2. Construction shall be complete within **225** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

Section	01 32 00	Schedules and Reports
Section	01 45 10	Testing Laboratory Services

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 40 00	Quality Requirements
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 90	Housekeeping & Safety
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

All Contractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

Autodesk Build is replacing **PlanGrid**. **Autodesk Build** does not require users to purchase a license. **Contractors** will be invited to the project and required to use this tool. **Autodesk Build** will be used as the **Current Set** and **As-Built Record Drawings**. Additionally, it will be used to track **Issues** for **Safety, QA/QC, Non-Compliance Issues, Work Completion List** and **Punch List**.

C. PROVIDED BY ALL PRIME CONTRACTORS

*****EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE ITEMS IN 3.02.C AS IT PERTAINS TO THEIR SCOPE OF WORK ONLY. THERE IS NO GENERAL TRADES PACKAGE ON THIS PROJECT*****

Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container

Section	01 53 30	Barricades(if necessary)
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 72 00	Field Engineering

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – Jr. High Roof Replacement

General Requirements in Paragraph 3.02.B and 3.02.C above.

Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 30	Barricades (if necessary)
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 72 00	Field Engineering
Section	02 41 30	Minor Demolition for Remodeling
Section	05 50 00	Miscellaneous Metals
Section	06 10 00	Rough Carpentry
Section	07 53 23	Roof Insulation and Membrane Roofing – EPDM
Section	07 62 00	Sheet Metal Flashing
Section	07 71 19	Aluminum Fascias/Coping, Gutters and Downspouts
Section	07 72 10	Roof Specialties
Section	07 90 00	Joint Sealants

B. BID CATEGORY NO. 2 – High School Pool MEP

General Requirements in Paragraph 3.02.B and 3.02.C above.

Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 30	Barricades (if necessary)
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 72 00	Field Engineering
Section	02 41 30	Minor Demolition for Remodeling
Section	23 05 00	Mechanical Materials and Methods
Section	23 05 93	Testing, Adjusting, and Balancing
Section	23 07 00	Mechanical Insulation
Section	23 09 23	Temperature Controls
Section	23 11 23	Natural Gas System Piping
Section	23 23 00	Refrigerant Piping and Accessories
Section	23 84 21	Pool Dehumidification System

Section	23 88 00	Ductwork and Accessories
Section	26 00 00	Electrical Work General Conditions
Section	26 05 00	Work in Existing Building
Section	26 05 26	Secondary Grounding
Section	26 05 29	Supporting Devices
Section	26 05 33	Raceways
Section	26 06 20	Low Voltage Power Circuit Breakers
Section	26 21 00	Wires and Cables
Section	26 27 25	Boxes
Section	26 27 26	Wiring Devices
Section	26 28 16	Disconnect Switches
Section	26 29 00	Circuits and Motor Disconnects

C. BID CATEGORY NO. 3 – High School Natatorium Repaint

General Requirements in Paragraph 3.02.B and 3.02.C above.

Section	01 21 00	Allowances
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 30	Barricades (if necessary)
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 72 00	Field Engineering
Section	02 41 30	Minor Demolition for Remodeling
Section	07 90 00	Joint Sealants
Section	09 96 00	High Performance Coating

END OF SECTION 01 12 00

SECTION 01 21 00 – ALLOWANCES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division-1 Specification Sections, apply to work of this Section.

1.02 REQUIREMENTS INCLUDED

- A. The Specifications contain Allowances for particular items, methods of construction, quantities of materials, labor for certain items and these stated Allowances shall be included in the total lump sum bid price.
 - 1. Should the final amounts as determined from actual costs vary from these stated Allowances, the Contract price will be adjusted by Change Order as stated in the Conditions of the Contract.
 - 2. Under no circumstances shall work exceeding the stated Allowance amounts, proceed without a properly executed Change Order.
- B. A "Schedule of Allowances" showing amounts included in each prime Contract Sum, is included at the end of this Section.
- C. Product/Materials Allowance: At the earliest feasible date after award of Contract, advise the Architect and Construction Manager of scheduled date when final selection and purchase of each product or system described by each Allowance must be accomplished in order to avoid delays in performance of the Work.
 - 1. As requested by the Architect, obtain and submit proposals for the work of each Allowance for use in making final selection; include recommendations for selection which are relevant to the proper performance of the Work.
 - 2. Purchase products and systems as specifically selected (in writing) by the Architect.
 - 3. Submit proposals and recommendations, for purchase of products or systems of Allowances, in form specified for Change Orders.
 - 4. When requested, submit a substantiated survey of quantities of materials, as shown in the "Schedule of Values", revised where necessary, and corresponding with Change Order quantities.
 - 5. Amount of Allowance includes:
 - a. Net cost of product
 - b. Delivery to the site
 - c. Applicable taxes
 - 6. In addition to amount of Allowance, include in Bid, for inclusion in Contract Sum, Contractor's costs for:
 - a. Handling at site, including unloading, uncrating and storage
 - b. Protection from elements, from damage
 - c. Labor, installation and finishing

- d. Other expenses (e.g., testing, adjusting and balancing) required to complete installation
 - e. Overhead and profit
- D. Contingency Allowance: Contingency allowance shall be used only as directed for Owner's purposes. Proposal shall be submitted by Contractor for work requested in format similar to that required for Change Orders. Compensation to the Contractor for work requested utilizing this Allowance shall be for only Contractor's costs as defined by Paragraph 7.3.7 of the General Conditions, except no compensation shall be allowed for overhead and profit. At time of Project closeout, unused amounts remaining in contingency allowance shall be credited to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 PRODUCT ALLOWANCE

A.

3.02 CONTINGENCY ALLOWANCES

Allow a lump sum additional work required but not indicated on Drawings or reasonably anticipated.

A.	Bid Category No. 01 – Jr. High Roof Replacement	\$20,000
B.	Bid Category No. 02 – High School Pool MEP	\$15,000
C.	Bid Category No. 03 – High School Natatorium Repaint	\$5,000

END OF SECTION 01 21 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

- A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

- A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

- A. ALTERNATE NO. 1: Add high Performance coating to the walls of the natatorium.
- Repair damage on walls, prime repairs - Refer to drawings A-860 – A-901

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

SECTION 09 96 00

HIGH PERFORMANCE COATINGS

1 General

1.1 Summary

- A. This Section includes surface preparation and field application of interior polyamide epoxy coating system for surfaces in the pool area as indicated or scheduled.
 - 1. Locations: Pool Area, including structural steel, masonry walls, and metal ductwork, refer to drawings for additional conditions.

1.2 References

- A. SSPC-SP-1 - Solvent Cleaning.
- B. SSPC-SP-2 - Hand Tool Cleaning.
- C. SSPC-SP-3 - Power Tool Cleaning.
- D. ASTM D 1540-61 – Resistance to Chemicals and cleaning Agents.
- E. ASTM D 2247-64T – Humidity Resistance.
- F. ASTM D 2794-69 – Impact Resistance.
- G. ASTM E 84-77/E 84-75 – Surface Burning Characteristics.
- H. ASTM D 870 – Potable Water Immersion.
- I. Galvanic Protection, Optimum Potential – 850 Millivolts.

1.3 Submittals

- A. Product Data: For each coating system indicated. Include block fillers, primers and finish coats.
 - 1. Provide physical properties of each product to be used on the project, including the following.
 - a. Weight per gallon.
 - b. Solids by weight.
 - c. Solids by volume.
 - d. VOC content as supplied.

- B. Submit one paint color sample of each color to be used as indicated in Division 09 Section "Color Schedule."
 - 1. Where color is not specified, submit samples under provisions of Division 1.
- C. Schedule of surfaces and products, applicable to project.
- D. Submit manufacturer's application instructions under provisions of Division 1.

1.4 Quality Assurance

- A. Applicator Qualifications: Engage an applicator with minimum 10 years experience, who has successfully completed high performance coating system applications similar in material and extent to those indicated for this Project with a record of successful in-service performance.
- B. Source Limitations: Obtain high performance coatings through one source from a single manufacturer for each product indicated.
- C. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Meetings." Review methods and procedures related to High Performance Coatings including, but not limited to, the following:
 - 1. Inspect and discuss job conditions and preparatory work required.
 - 2. Review and finalize construction schedule and verify availability of materials, applicators personnel, and equipment needed to make progress and avoid delays.

1.5 Field Samples

- A. Provide field sample panel of each color selected, 4 feet long by 4 feet wide, illustrating color, texture, and finish.
- B. Locate where directed.
- C. Accepted samples may remain as part of the work at the discretion of the Architect.

1.6 Delivery, Storage, and Handling

- A. Deliver products to site under provisions of Division 1.
- B. Store and protect products under provisions of Division 1.
- C. Deliver products to site in sealed and labeled containers, inspect to verify acceptance.
- D. Container labeling to include manufacturer's name, type of paint, brand name, brand code, coverage, surface preparation, drying time, cleanup, color designation, and instructions for mixing and reducing.
- E. Store paint materials at minimum ambient temperature of 50 degrees F and a maximum of 75 degrees F, in well ventilated area, unless otherwise indicated in manufacturer's instructions.

- F. Take precautionary measures to prevent fire hazards and spontaneous combustion.

1.7 Environmental Requirements

- A. Apply coatings only when temperature of surfaces to be coated and surrounding air temperatures are between 50 and 80 degrees F, unless otherwise indicated in manufacturer's written installation instructions.

2 Products

2.1 High Performance Coatings - Acceptable Manufacturers

- A. Benjamin Moore & Company, Montvale, New Jersey (Moore).
- B. Carboline Company, St. Louis, Missouri.
- C. PPG Industries, Inc., Pittsburgh, Pennsylvania.
- D. The Sherwin-Williams Company, Cleveland, Ohio (S-W).
- E. Tnemec Company, Inc, Kansas City, Missouri.

2.2 Materials, General

- A. Material Compatibility: Provide block fillers, primers and finish coat materials that are compatible with one another and substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
- B. Material Quality: Provide manufacturer's highest grade of coatings specified. Materials not displaying manufacturer's product identification are not acceptable.

2.3 Colors

- A. Colors: As indicated in the Finish Legend on Sheet A-901.

2.4 Interior High Performance Coating Systems

- A. Concrete Masonry Units:
 - 1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a block filler.
 - 2. Basis-of-Design Product:
 - a. Surface Preparation: The substrate shall be clean, dry and free of all contaminants.
 - b. Prime/Fill: Tnemec Series 130-6602 applied at 60-80 sq. ft. per gallon to totally fill the porosity of the block to create a smooth/void free surface.
 - c. Intermediate: Tnemec Series 113/114 applied at 4.0-6.0 mils dry.
 - d. Finish: Tnemec Series 113/114 applied at 4.0-6.0 mils dry.

B. Structural Steel:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a primer.
2. Basis-of-Design Product:
 - a. Prime: Sherwin-Williams Corothane 1 Galvapak, B65 Series applied at 2.5-3.5 mils dry. *Touch up in the field shall be completed with SWP Corothane, B65 Series by steel erector. Refer to Structural Steel and Steel Joist Specifications.
 - b. Intermediate: Tnemec Series 115 applied at 3.0-4.0 mils dry.
 - c. Finish: Tnemec Series 115 applied to a dry film thickness of 3.0-4.0 mils dry.

C. Galvanized and Factory Coated Tectum Deck Supports:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a primer.
2. Basis-of-Design Product:
 - a. Surface Preparation: SSPC-SP16 Brush off Blast or Chemically treated prior to the application of the shop primer.
 - b. Prime Sherwin-Williams Macropoxy 646FC (B58 Series) applied to a dry film thickness of 3.0-5.0 mils dry.
 - c. Intermediate: Tnemec Series 115 applied to a dry film thickness of 3.0-4.0 mils dry.
 - d. Finish: Tnemec Series 115 applied to a dry film thickness of 3.0-4.0 mils dry.

D. Galvanized/Coated Ductwork Supports:

1. Severe Environment (Semigloss Finish): One finish coat over an intermediate coat and a primer.
2. Basis-of-Design Product:
 - a. Surface Preparation: SSPC-SP16 Brush off Blast or Chemically treated prior to the application of the shop primer.
 - b. Prime: Sherwin-Williams Macropoxy 646FC (B58 Series) applied to a dry film thickness of 3.0-5.0 mils dry. (Refer to Structural Roof Deck Specifications.
 - c. Intermediate: Tnemec Series 115 applied to a dry film thickness of 3.0-4.0 mils dry.
 - d. Finish: Tnemec Series 115 applied to a dry film thickness of 3.0-4.0 mils dry.

- E. Aluminum Ductwork:
 - 1. Severe Environment (Semigloss Finish).
 - 2. Basis-of-Design Product:
 - a. Surface Preparation (Field): The substrate shall be prepared with Great Lakes Cleaner/Prep by Great Lakes Chemical.
 - b. Primer (Field): Tnemec Series N69F applied to a dry film thickness of 3.0-5.0 mils dry.
 - c. Finish (Field): Tnemec Series 113/114 applied at a dry film thickness of 4.0-6.0 mils dry.

3 Execution

3.1 Examination

- A. Verify that surfaces and substrate conditions are ready to receive work as instructed by the product manufacturer.
- B. Contractor is to remove all loose material, remove rust, dirt, dust, corrosion, to greatest degree, treating the remainder with manufacturers recommended pre-treatment or primer.
- C. Examine surfaces scheduled to be finished prior to commencement of work.
 - 1. Report any condition that may potentially affect proper application.
- D. Beginning of installation means acceptance of substrate surfaces and existing conditions.

3.2 Preparation - General

- A. Provide all scaffolding and staging required for work of this Section.
 - 1. Coordinate locations to eliminate interference with work of others.
- B. Remove hardware, light fixture trim, non-aluminum grilles, and fittings prior to preparing surfaces or finishing.
- C. Correct minor defects and clean surfaces which affect work of this Section.

3.3 Surface Preparation

- A. Cleaning: Before applying high performance coating system, clean substrates of substances that could impair bond of coatings.
 - 1. All steel surfaces shall be prepared as required to receive specified coating. Surface preparation shall be as required to meet specifications and/or manufacturer's requirements.
 - 2. Clean and prepare surfaces to be coated according to manufacturer's written instructions for substrate indicated and as specified.

3.4 Protection

- A. Protect elements surrounding the work of this Section from damage or disfiguration.
- B. Repair damage to other surfaces caused by work of this Section.
- C. Furnish drop cloths, shields, and protective methods to prevent spray or droppings from disfiguring other surfaces.
- D. Remove empty paint containers from site.

3.5 Application

- A. Apply high performance coating system to all surfaces as indicated on Drawings and as scheduled.
- B. Apply products in accordance with manufacturer's instructions.
- C. Do not apply finishes to surfaces that are not dry.
- D. Apply each coat to uniform finish.
- E. Allow applied coat to dry before next coat is applied.
- F. Apply paint as recommended by the manufacturer and as approved by the Architect.
- G. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate to achieve a wet film thickness as recommended by manufacturer to achieve warranty indicated.

3.6 Cleaning

- A. As work proceeds, promptly remove paint where spilled, splashed, or spattered.
- B. During progress of work maintain premises free of unnecessary accumulation of tools, equipment, surplus materials, and debris.
- C. Collect cotton waste, cloths, and material which may constitute a fire hazard, place in closed metal containers, and remove daily from site.

END OF SECTION

