

6/16/2020

#### ADDENDUM NO. 3

PROJECT: Washtenaw ISD – High Point School

DESCRIPTION: Architectural and MEP

BID PACKAGE RELEASE NUMBER: 003

CLARK/AXIOM PROJECT NO: 2832/1004

BID PROPOSAL DUE DATE/TIME: UNCHANGED

10:00 AM, Tuesday, June 23, 2020

The following clarifications and/or Changes made to the Contract Documents are hereby made part of the Contract Documents.

The general character of the Work clarified or revised by this Addendum shall be the same as required by the complete set of Contract Documents. All incidentals required in connection with the Work of this Addendum shall be included in the Scope of Work even though not specifically specified.

All bidders shall be held responsible to review the Addendum and to include in its Bid Proposal all Work reasonably inferred to be included in its Scope of Work.

Acknowledge receipt of this Addendum in the space provided on the Bid Proposal Form.

#### A. Division 00 – Bidding and Contract Requirement Modifications:

- a. Section 001100 Advertisement Invitation for Bids **REISSUED** 
  - i. Changed bid mailing location: 7789 East M-36, Whitmore Lake, MI 48189. Bid opening location remains unchanged: 1819
- **b.** Section 002416 Bid Cat. 04 Masonry **REISSUED** 
  - i. Removed foamed in place insulation from scope of work line 26
  - ii. Removed setting of HM door frames from scope of work line 21.
  - iii. Added pre-cast concrete lintels to scope of work line 29.

- c. Section 002416 Bid Cat. 06 General Trades **REISSUED** 
  - i. Removed signage install from scope of work
  - ii. Removed line 8
  - **iii.** Clarified line 15 regarding temp doors
  - iv. Add closet shelving and brackets to scope of work line 18
  - v. Add \$3,000 allowance for access panels line 19
- **d.** Section 002416 Bid Cat. 07 Metal Wall Panels and Siding **REISSUED** 
  - i. Add ALL foamed-in-place insulation to scope of work line 9
- e. Section 002416 Bid Cat. 09A Metal Studs, Gyp Board and Acoustical Ceilings **REISSUED** 
  - i. Setting of HM frames removed from scope of work line 7
- **f.** Section 002416 Bid Cat. 13 Swimming Pool Systems **REISSUED** 
  - i. Clarified hard tile scope line 14
- g. Section 002416 Bid Cat. 22 Plumbing **REISSUED** 
  - i. Provide drain piping for swimsuit extractors line 24 and pre bid RFI .029
- h. Section 002416 Bid Cat. 32C Playground Equipment and Surfacing REISSUED
  - i. Add synthetic turf to scope of work line 14
- i. Section 015000 Temporary Facilities and Controls **REISSUED** 
  - i. Clarified debris disposal 1.8 A. 3. d.
- **j.** Answered Pre bid RFI's
- **k.** Substitution Requests

**END OF SECTION** 

PROJECT: Washtenaw ISD - High Point School

BID RELEASE NO.: 003

CLARK PROJECT NO.: 19-2832

AXIOM PROJECT NO.: 19-1004

DESCRIPTION: Architectural and MEP

OWNER: Washtenaw Intermediate School District

1735 South Wagner Road Ann Arbor, MI 48103

ARCHITECT: TMP Architecture, Inc.

1191 West Square Lake Road Bloomfield Hills, MI 48302

And

Mitchell and Mouat Architecture 113 South Fourth Avenue Ann Arbor, MI 48104

CONSTRUCTION MANAGER: Clark Construction Company

3535 Moores River Drive Lansing, MI 48911

and

**Axiom Construction Services Group** 

7789 E. M-36

Whitmore Lake, MI 48189

PROJECT MANAGER: Tanner Rowe

EMAIL: trowe@clarkcc.com

#### 1. PRE-BID CONFERENCE

1.1. No pre-bid conference will be held. Satellite images of the site can be found at:

 $\frac{\text{https://www.google.com/maps/place/High+Point+School/@}42.2613967,-}{83.7957931,719\text{m/data}=!3\text{m}1!1e3!4\text{m}5!3\text{m}4!1s0x883cb05150045ae7:0x75c5b74197306bf3}}{18\text{m}2!3d42.2617042!4d-83.7960827?hl=en}$ 

#### 2. BID PROPOSAL DUE DATE/LOCATION

2.1. Lump sum sealed proposals will be received by mail or hand delivery at:

Physical Address:
Washtenaw Intermediate School District

Mailing Address:
7789 East M-36

1819 S. Wagner Rd, Ann Arbor, MI 48103 Whitmore Lake, MI 48189

2.2. Bids must be delivered not later than 10:00 AM, Tuesday, June 23<sup>rd</sup>, 2020.

2.3. The front of the sealed bid envelop shall be clearly labeled as follows.

Washtenaw Intermediate School District 1819 S. Wagner Rd. Ann Arbor, MI 48103 Attention: Diane Sevigny

Bid for: BP 3 - New High Point School

Bid Category: Insert Bid Category Number and Description

2.4. Any questions from bidders shall be submitted no later than end of day Tuesday, June 16, 2020.

## 3. **BID CATEGORIES:** Bid Pack 3 – Architectural & MEP

02A – Selective Demolition	03A – Interior Concrete
03B – Polished Concrete Flooring	04 - Masonry
05A – Miscellaneous Metals	06 – General Trades, Rough Carpentry, Finish Carpentry
07A – Roofing	07B – Metal Wall Panels and Siding
08A – Entrances and Storefronts, Glass and Glazing	08B – Hollow Metal Doors, Frames, & Hardware
09A – Metal Studs and Drywall	09B – Hard Tile
09C – Carpet, Resilient and Wood Flooring	09D – Fluid-Applied Flooring
09E – Painting and Wall Covering	10A – Toilet Accessories and Lockers
11 – Food Service Equipment	12A – Manufactured Casework
12B – Drapery and Window Shades	13 – Swimming Pool Systems
21 – Fire Protection	22 - Plumbing
23 – HVAC and Building Controls	26 - Electrical
32A – Asphalt	32B – Concrete Site Paving
32C – Playground Equipment & Surfacing	32D – Landscaping and Fencing

#### 4. <u>BID DOCUMENT AVAILABILITY/DEPOSIT</u>

4.1. Bid Documents, drawings and specifications will be available at 3:00PM, Thursday, May 28, 2020 at the following location(s):

www.clarkccbids.com www.AxiomCSGLLC.com

- 4.2. Documents will also be made available for review at the following locations:
  - SIGMA VSS

#### 5. BID PROPOSAL REQUIREMENTS

- 5.1. Each Bid must be accompanied by a Bid security in an amount of not less than 5% of the total base Bid sum, pledging that the Bidder will enter into a Contract with the Washtenaw Intermediate School District under the terms stated in the Bid Documents. Bid Bonds shall be issued by a bonding company meeting the requirements as described in Section 006113 Performance and Payment Bond. Bid security may also be in the form of certified check made out to the School District.
- 5.2. The Board of Education will not consider or accept a Bid received by the Board after the Due Date for receipt of Bids.
- 5.3. No oral, fax or emailed Bids shall be submitted. All Bidders shall provide a familial disclosure in compliance with MCL 380.1267 and attach this information to the Bid. The Bid shall be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the owner or any employee of the Bidder and any member of the Board of Education of the School District, or the Superintendent of the school district. The Board of Education of the School District will not consider a Bid that does not include this sworn and notarized statement.
- 5.4. Each Bid must be accompanied by a sworn and notarized statement certifying that the Bidder is not an "Iran linked business" within the meaning of the Iran Economic Sanctions Act.
- 5.5. Washtenaw Intermediate School District Board of Education reserves the right to accept or reject any and all Bids, either in whole or in part, to waive any informalities or irregularities therein, or to award the contract to other than the Bidder(s) submitting the best financial Bid (low Bidder), in its sole and absolute discretion.
- 5.6. All questions during the bidding period shall be referred to Clark Construction Company via email to:

CONTACT: Tanner Rowe – Project Manager

TELEPHONE: 517-898-2769 EMAIL: trowe@clarkcc.com

5.7. Bidders are required to be pre-qualified by Clark Construction Company (**prior to award recommendation of Contract, not prior to bidding)** by supplying qualification data per the Clark Construction
Prequalification Website. A link to the website can be found via www.clarkccbids.com

Bids will be opened publicly 10:30 AM, Tuesday, June 23<sup>rd</sup>, 2020 at Washtenaw Intermediate School District 1819 S. Wagner Rd, Ann Arbor, MI 48103. Social distancing guidelines MUST be followed, attendees MUST wear a face mask and room capacity will be limited.

Option to attend bid opening virtually via Zoom Meeting

https://us04web.zoom.us/j/78911594114?pwd=YTB4dVI3TXRsZGloemREMIJkSDZPQT09

Meeting ID: 789 1159 4114 Password: 7n8D9G

#### END OF SECTION

#### **BID CATEGORY 04-Masonry**

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

<u>BASE SPECIFICATION</u> – (Include <u>all</u> Work specified or reasonably inferred) <u>002413 – SCOPE OF WORK GENERAL NOTES</u> – (Include <u>all</u> Work specified or reasonably inferred)

04 2000	UNIT MASONRY
07 1113	BITUMINOUS DAMPPROOFING
07 2100	THERMAL INSULATION
<del>07 2119 -</del>	FOAMED-IN-PLACE INSULATION – Addendum 3

<u>REFERENCE SPECIFICATION</u> – (Include <u>portions</u> of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
05 5000	METAL FABRICATIONS
07 8400	FIRESTOPPING
07 9200	JOINT SEALANTS

#### Include (Furnish and Install u.n.o):

- 1. All work under this contract shall be done in a safe manner and comply with O.S.H.A. and M.I.O.S.H.A. requirements as well as Clark-Axiom Joint Venture Safety Program.
- 2. Furnish and install all labor, materials and equipment necessary to provide all work as shown on the drawings and in the specifications, for this bid package. All work to be per the plans and specifications, or as required by code.
- 3. Set all steel, bearing plates, lintels and other embeds to complete this scope of work. Provided by others.
- 4. All patching at demolished openings. All masonry patching to be "toothed" in existing wall. Opening will be straight saw cut by demolition contractor, mason to include cutting for "toothing"
- 5. All stone sills and stone trim units
- 6. Clean footings of dirt and/or mud prior to performing the Work.
- 7. Reinforcing and other accessories (e.g. ties, anchors, drainage weeps, etc.).

- 8. Flashings including thru-wall and counterflashing, reglets and other accessories for a complete installation. Do not cover flashings prior to inspection by Clark-Axiom Joint Venture.
- 9. Protect wall cavities from mortar build up. Maintain cavity and weep system clean for proper drainage.
- 10. Protect floors from mortar and other damage. Clean floors upon completion of the Work or more frequently as required.
- 11. Joint sealant associated with the work of this bid category. Expansion joints and control joints in accordance with the Documents and as required to meet quality masonry practice. Review Control joint layout with Clark-Axiom Joint Venture and the Architect prior to performing the Work.
- 12. Grout all hollow metal frames as required.
- 13. Clean substrate of oils or other materials which can impair adhesion for joint sealants. Install appropriate backer rod as needed for joint sealants.
- 14. Reinforcing steel and grouting associated with the Work of this bid category.
- 15. Smoke and fire stopping as required.
- 16. Temporary shoring and bracing as required.
- 17. Install access doors required and furnished by others.
- 18. Masonry infills as shown on the drawings.
- 19. Construct box outs as required. Coordinate required location and dimensions with other Trades. i.e. mechanical duct work, FEC, etc.
- 20. Install sleeves furnished by others. Coordinate required location with other Trades.
- 21. Setting of door frames in masonry, door frames provided by others. Confirm and maintain correct positioning of doors while performing and upon completion of the Work of this bid category. Addendum 3
- 22. Pumping water to accomplish the Work of this bid category.
- 23. Hoisting and scaffolding as required to complete the Work of this bid category.
- 24. Masonry mock ups for Owner/Architect approval
- 25. Coordinate window, door and other opening dimensions with other Trades. Construct opening dimensions within tolerances provided by others to allow for ordering and manufacturing of window systems, doors and other material prior to masonry installation.
- 26. Masonry cavity insulation including but not limited to spray polyurethane foam insulation, behind masonry only—Addendum 3
- 27. Masonry cavity materials as specified (e.g. pea gravel, sand, etc.).
- 28. Masonry bond beams including reinforcing steel and grouting as required.
- 29. Pre-cast concrete lintels Addendum 3
- 30. Special brick shapes (i.e. lip brick, circular, corner etc.) as required.
- 31. Cleaning of masonry.
- 32. Protect windows and other finished materials when washing brick to avoid damage to finished surfaces.
- 33. Provide daily clean up or as directed by Clark-Axiom Joint Venture

#### Exclude:

1. Spray foam insulation behind metal wall panels. – Addendum 3

## BID CATEGORY 06- General Trades, Rough Carpentry and Finish Carpentry

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

<u>BASE SPECIFICATION</u> – (Include <u>all</u> Work specified or reasonably inferred) <u>002413 – SCOPE OF WORK GENERAL NOTES</u> – (Include <u>all</u> Work specified or reasonably inferred)

02 8100	WOOD VEGETABLE PLANTERS
06 1000	ROUGH CARPENTRY
06 1323	HEAVY TIMBER FRAMING
06 1500	WOOD DECKING
06 4023	INTERIOR ARCHITECTURAL WOODWORK
08 3100	ACCESS DOORS AND PANELS
08 3323	OVERHEAD COILING DOORS
10 0100	MISCELLANEOUS SPECIALTIES
10 1100	VISUAL DISPLAY UNITS
10 2600	WALL AND DOOR PROTECTION
10 4400	FIRE PROTECTION SPECIALTIES
11 1300	LOADING DOCK EQUIPMENT
11 6143	STAGE CURTAINS
11 6623	GYMNASIUM EQUIPMENT
13 3416.53	PORTABLE BLEACHERS

<u>REFERENCE SPECIFICATION</u> – (Include <u>portions</u> of the Work specified as noted below or reasonably inferred)

01 5000	TEMPORARY FACILITIES AND CONTROLS
07 2100	THERMAL INSULATION
07 8400	FIRESTOPPING
08 1113	HOLLOW METAL DOORS AND FRAMES – Install only
08 1416	FLUSH WOOD DOORS – Install only
08 7100	DOOR HARDWARE – Install only
08 8300	MIRRORS – Install only
10 1100	VISUAL DISPLAY UNITS – Install only
10-1400	
10 2123	CUBICLE CURTAINS AND TRACK – Install only
10 2800	TOILET, BATH AND LAUNDRY ACCESSORIES – Install only

#### Include (Furnish and Install u.n.o):

- 1. All work under this contract shall be done in a safe manner and comply with O.S.H.A. and M.I.O.S.H.A. requirements as well as Clark-Axiom Joint Venture Safety Program.
- 2. All labor, materials and equipment necessary to provide all work as shown on the drawings and in the specifications, for this bid package. All work to be per the plans and specifications, or as required by code.
- 3. Wood blocking indicated in the documents, including blocking for specialties, casework, roofing, and plywood sheathing as required. Include rigid insulation in cavity of roof parapet wall assembly. Coordinate blocking requirements with equipment suppliers and other Trades.
- 4. Receive, unload, protect and install all hollow metal frames, hollow metal doors, wood doors and hardware when delivered to site by others.
- 5. Store and inventory finish hardware on site. Inventory to be completed within 72 hours of delivery and provide written report to Construction Manager,
- 6. Provide 25 temporary fire extinguishers for use during construction placed on stands every 50' throughout the construction areas. Remove when directed by Construction Manager
- 7. Blocking and reinforcing for owner installed equipment. i.e. lift assist chairs, monitor mounts, etc.
- 8. Floor protection—Note redundant, see note 14 Addendum 3
- 9. Installation of toilet accessories, mirrors and grab bars. To be furnished by others.
- 10. All imbed steel, chase ways, bumpers and accessories for loading dock. Coordinate with concrete contractor for a complete operating system.
- 11. Final adjustments to hardware as directed by Clark-Axiom Joint Venture.
- 12. Scaffolding, for pool work only, for multiple trades to access ceiling. Scaffolding to cover entire pool and deck to fully access ceiling. Maintain in place for 60 days. Include erection and dismantling of scaffold. Include hoisting station and stairs/egress as required.
- 13. \$60,000 allowance for labor work to be used as directed by Clark-Axiom Joint Venture. Any unused portion of allowance to be credited back to the District.
- 14. Floor protection consisting of 1 layer of Proguard Duracover (or approved equivalent) and 1 layer 7/16" OSB with taped seams on concrete floor to receive polish. Approximately 26,000 SF. Remove as directed by Clark-Axiom Joint Venture.
- 15. Temporary double construction doors at 6 locations; B100.1, 105.2, F100.2, G100.2, H108.2, and K100.2. No fire rating or hardware requirements but doors must be lockable. Addendum 3
- 16. Backer boards for electrical and IT equipment.
- 17. Provide daily clean up or as directed by Clark-Axiom Joint Venture

- 18. Closet plywood shelving and heavy duty brackets Addendum 3
- 19. \$3,000 allowance for access panels and doors not shown on drawings but required by MEP. Addendum 3.

## Exclude:

1. Swimsuit water extractor – to be supplied and installed by electrical contractor

#### **BID CATEGORY 07B - Metal Wall Panels and Siding**

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

## <u>BASE SPECIFICATION</u> - (Include <u>all</u> Work specified or reasonably inferred) 002413 – SCOPE OF WORK GENERAL NOTES

07 2119	FOAMED-IN-PLACE INSULATION – Addendum 3
07 4213	METAL WALL PANELS
07 4213.23	METAL COMPOSITE MATERIAL WALL PANELS

## **REFERENCE SPECIFICATION** - (Include <u>portions</u> of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
07 2100	THERMAL INSULATION
07 9200	JOINT SEALANTS

#### Include (Furnish and Install u.n.o):

- 1. Girts, furring and other supports systems as required to accomplish the Work of this bid category whether or not indicated in the documents.
- 2. Verify quality of substrate installed by other Trades to result in quality results of this bid category. Report discrepancies to Clark-Axiom Joint Venture in writing.
- 3. Field measure to assure proper fit as necessary to meet the project schedule.
- 4. Coordinate location and dimensions of penetrations through the system as required by other Trades. Provide weather tight seal and/or accessories as required.
- 5. Sealants including joints abutting dissimilar materials and the Work of other Trades.
- 6. Miscellaneous closures and other metal fabrications as required for a complete system whether or not indicated in the documents.
- 7. Flashings and counter flashings.
- 8. Expansion joint assemblies associated with the Work of this bid category.
- 9. Include ALL Spray foam insulation. Include remobilization as necessary for foam behind different building materials. Addendum 3
- 10. Rigid insulation behind metal wall panels only. Addendum 3

#### Exclude:

1. Spray foam and rigid insulation behind brick. Addendum 3

#### BID CATEGORY 09A - Metal Studs, Gypsum Board and Acoustical Ceilings

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

<u>BASE SPECIFICATION:</u> (Include <u>all</u> Work specified or reasonably inferred) <u>002413 - SCOPE OF WORK GENERAL NOTES</u> - (Include <u>all</u> Work specified or reasonably inferred)

05 4000	COLD-FORMED METAL FRAMING
07 2423	DIRECT-APPLIED FINISH SYSTEMS
07 2726	FLUID-APPLIED MEMBRANE AIR BARRIERS
09 2216	NON-STRUCTURAL METAL FRAMING
09 2713	GLASS-FIBER-REINFORCED PLASTER FABRICATIONS
09 2900	GYPSUM BOARD
09 5000	CURVED PROFILE CEILING SUSPENSION SYSTEM
09 5100	ACOUSTICAL CEILINGS
09 5416	LUMINOUS CEILINGS
09 7716	FRAMED DECORATIVE PANEL SYSTEM
09 8129	SPRAYED ACOUSTIC INSULATION
09 8433	ACOUSTIC WALL UNITS
09 8436	ACOUSTIC CEILING UNITS

# <u>REFERENCE SPECIFICATION</u> – (Include <u>portions</u> of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
07 8400	FIRESTOPPING
07 2100	THERMAL INSULATION

#### Include (Furnish and Install u.n.o):

- 1. Coordinate layout with requirements of other Trades. Report layout discrepancies to Clark-Axiom Joint Venture in writing.
- 2. Provide additional lighting as needed to provide high quality gypsum board finish.
- 3. Fire stopping associated with the work of this bid category.
- 4. Joint sealants associated with the work of this bid category.
- 5. Frame for access doors furnished and installed by others
- 6. In-wall insulation as shown as it pertains to your work

- 7. Install hollow metal door frames in metal stud walls, furnished by others. Addendum 3
- 8. Removal and vacuuming of all dust generated by sanding/finishing of drywall systems.
- 9. Provide daily clean up or as directed by Clark-Axiom Joint Venture.

## **BID CATEGORY 13 - Swimming Pool Systems**

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

## **BASE SPECIFICATION** - (Include <u>all</u> Work specified or reasonably inferred)

#### 002413 – SCOPE OF WORK GENERAL NOTES

13 1101	SWIMMING POOL
13 1103	<b>SWIMMING POOL TILE</b>
31 2323.43	GEOFOAM

# <u>REFERENCE SPECIFICATION</u> - (Include <u>portions</u> of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
03 3000	CAST-IN-PLACE CONCRETE
03 3003	CAST-IN-PLACE CONCFETE REQUIREMENTS FOR FLOOR SLABS
05 5000	METAL FABRICATIONS
05 5213	PIPE AND TUBE RAILINGS
09 3000	HARD TILE – Addendum 3

## <u>Include (Furnish and Install u.n.o):</u>

- 1. Swimming pool construction complete.
- 2. Obtain permits required to complete the Work of this bid category.
- 3. Excavation and backfill for pool shell and all other pool related Work.
- 4. Pumping of water to accomplish the Work of this bid category.
- 5. Coordinate MEP and architectural requirements with other Trades.
- 6. Coordinate openings required to accommodate installation of equipment prior to enclosure of spaces by other Trades.
- 7. Furnish sleeves as needed and/or required
- 8. Formwork and reinforcing steel as required.
- 9. Pool ramp railing system complete. Prep work associated with new grab rails, anchors, drain gates, etc.
- 10. Concrete equipment pads required but not indicated in the documents.
- 11. Water circulation system, including pumps, filters, heaters, etc. as noted in the drawings.
- 12. Pool and deck equipment and accessories.

- 13. Pool deck and ramp concrete including sand base and ramp supporting insulation, concrete pool shell, ramp, wing wall, including all embeds, resteel, inserts, fittings, anchors, etc. Refer to sheet A6.3 for further detail but not limited to this sheet.
- 14. Pool tile and markings complete. Inclusive of all pool deck and wall tile in natatorium Addendum 3
- 15. Remove spoils and debris from the site in a timely manner.
- 16. Drain in pool deck with associated piping as noted in the drawings.
- 17. Water tightness test

#### Exclude:

- 1. Winterizing of pool. Pool is winterized by owner.
- 2. Concrete work other than the pool area

## **BID CATEGORY 22-Plumbing**

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

## **BASE SPECIFICATION** - (Include <u>all</u> Work specified or reasonably inferred)

#### 002413 – SCOPE OF WORK GENERAL NOTES

22 0523	GENERAL DUTY VALVES FOR PLUMBING
22 1116	DOMESTIC WATER PIPING
22 1119	DOMESTIC WATER PIPING SPECIALTIES
22 1123	DOMESTIC WATER CIRCULATION PUMPS
22 1124	DOMESTIC WATER PACKAGED BOOSTER PUMPS
22 1316	SANITARY WASTE AND VENT PIPING
22 1319	DRAINAGE PIPING SPECIALTIES
22 1413	STORM DRAINAGE PIPING
22 3410	CONDENSING FUEL-FIRED DOMESTIC WATER HEATERS
22 4200	PLUMBING FIXTURES
22 4700	DRINKING FOUNTAINS, WATER COOLERS AND CUSPIDORS
22 6653	CHEMICAL-WASTE PIPING
23 1123	FUEL GAS PIPING

## **REFERENCE SPECIFICATION** - (Include portions of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
07 8400	FIRESTOPPING
10 0100	MISCELLANEOUS SPECIALTIES – Addendum 3
DIVISION 20	- COMMON MECHANICAL REQUIREMENTS - as it pertains to this scope

#### Include (Furnish and Install u.n.o):

- 1. All work under this contract shall be done in a safe manner and comply with O.S.H.A. and M.I.O.S.H.A requirements as well as Clark-Axiom Joint Venture Safety Program.
- 2. MEP Contractors are required to submit MEP Cost Breakdown as a start-up submittal for approval.
- 3. Obtain permits required to complete the Work of this bid category. Post at the jobsite prior to performing the Work.
- 4. Coordinate design of system material and equipment routing with other Trades as required to avoid conflicts.

## SECTION 002416 SCOPE OF WORK

#### **BID CATEGORY SPECIFIC NOTES**

- a. This Trade Contractor shall develop shop drawings equal to scale as that to be used by other Trade Contractors in which conflicts have potential to occur. Drawing scale shall be coordinated prior to start of shop drawings.
- b. Shop drawings shall be extensively and thoroughly coordinated with each Trade Contractor with which conflicts have potential to occur to the extent required to eliminate conflicts prior to fabrication and installation.
- c. Conflicts encountered during fabrication and installation which could have been foreseen through a more extensive coordination effort shall be corrected by this bid category.
- d. All costs for modifications which are a result of conflicts with items noted in the Contract Documents shall be born by this bid category.
- e. In the event of conflict with items indicated in shop drawings of other Trade Contractors and not in the Contract Documents, the cost shall be shared equally by the Trade Contractors involved.
- 5. Coordinate openings required to accommodate installation of equipment prior to enclosure of spaces by other Trades.
- 6. All sleeves and/or coring and cutting through foundations/concrete as required for installation of pipe and/or equipment.
- 7. Hangers, supports, unistrut or miscellaneous steel required for a complete installation.
- 8. Excavation, backfill and compaction associated with this Work.
- 9. Restore disturbed grade to conditions that existed prior to performing the Work.
- 10. Plumbing piping and connection to utilities 5'-0" inside of building line.
- 11. Final hook-up of plumbing equipment and fixtures furnished by Owner and others.
- 12. Final connection of kitchen equipment.
- 13. Exterior drinking fountains/ bottle fillers including service line.
- 14. Insulation associated with the Work of this bid category.
- 15. Furnish sleeves as needed and not indicated in the Documents for installation by others. Provide layout and assistance with placement.
- 16. Coordinate floor drain elevations with other Trades.
- 17. Paint touch-up of factory furnished equipment.
- 18. Identification, labeling and tagging system equipment, piping, etc.
- 19. Gas piping, complete. Include coordinating with utility provider.
- 20. Condensate drains at mechanical equipment
- 21. Temporary manifold setup connected to new gas service for temp heat hook up at each zone, 10 locations total.
- 22. Daily clean up and/or as directed by Clark-Axiom Joint Venture.
- 23. Train Owner's representative(s) on proper start-up, operation and maintenance of all mechanical systems.
- 24. Provide drain piping for swimsuit extractors. Addendum 3

#### Exclude:

1. Swimming pool piping

#### **BID CATEGORY 32C - Playground Equipment and Surfacing**

GENERAL – The following shall not be interpreted as a complete itemization of the work to be performed under this Bid Category. This Bid Category Trade Contractor shall be responsible to perform all work reasonably interpreted to be included in its scope of work in accordance with the drawings and specifications in addition to these Bid Category notes of clarification.

<u>BASE SPECIFICATION</u> – (Include <u>all</u> Work specified or reasonably inferred)

<u>SPECIFICATION SECTION 002413 - SCOPE OF WORK GENERAL NOTES</u> – (Include all Work specified or reasonably inferred)

11 6800	PLAYGROUND EQUIPMENT
32 1816	SOFT PLAYGROUND SURFACES

<u>REFERENCE SPECIFICATION</u> – (Include <u>portions</u> of the Work specified as noted below)

01 5000	TEMPORARY FACILITIES AND CONTROLS
03 3000	CAST-IN-PLACE CONCRETE
32 0514	TOPSOIL AND PLAY SAND
32 3300	SITE FURNISHINGS

#### <u>Include (Furnish and Install u.n.o):</u>

- 1. Verify location of existing utilities prior to performing the work. Hand dig as required to avoid contact with underground utilities.
- 2. Maintain streets and public areas free of dirt, mud and debris. Daily or more frequent road sweeping as required when debris is tracked onto roads.
- 3. Remove debris and/or spoils from the site in a timely manner. Legal disposal of materials off site.
- 4. Provide all work necessary to install new and existing equipment, including but not limited to, excavation, concrete footings, backfill, compaction, etc.
- 5. This contractor shall be responsible for all layout, engineering, and elevations and layout coordination with other contractors. It is the responsibility of this contractor to layout all work of this category.
- 6. This contractor is responsible for scheduling inspections of all governing jurisdictions, and attend inspections as required.
- 7. Coordinate work with other trades on site.
- 8. Geotextile fabric and engineered wood fiber surfaces
- 9. Play sand
- 10. Provide all permits and bonds required as part of this scope of work.

- 11. Provide necessary dewatering associated with this work division.
- 12. Benches and picnic tables.
- 13. Reinstall existing equipment as noted on drawings.
- 14. Synthetic turf Addendum 3

## Exclude:

- 1. Soil Erosion, underdrains/utilities, stone, to be provided by Sitework Bid Category.
- 2. Bollards and flag pole

#### 1. <u>TEMPORARY UTILITIES</u>

#### 1.1. <u>TEMPORARY ELECTRICAL SERVICE</u>

- A. The Electrical Trade Contractor shall provide power for construction operations including wiring, transformers, connections, and protection.
  - 1. Install temporary power panel and minimum of eight (8) 20 AMP, 120 Volt, weatherproof, GFI grounding, and duplex receptacles at or near pole. Circuit each outlet separately.
  - 2. Extend temporary service to the new building. Install temporary distribution systems and temporary power and lighting branch circuits within the building.
  - 3. Provide one 20 AMP, 120 Volt temporary branch circuit with three grounding, duplex receptacles minimum, for each 7,500 square feet of floor area. Locate receptacles to limit maximum extension cord length to 100 feet. Temporary branch circuits may be used for portable tools, portable lights, and other small power loads. Each separate Trade Contractor or Subcontractor shall furnish their own extension cords and supplemental lights.
- B. The Electrical Trade Contractor shall provide a complete lighting system throughout the building for construction operations.
  - 1. Temporary lighting shall consist of a minimum of one (1) 150 Watt lamp, or equivalent, for each 500 square feet of floor area, or a minimum of 10 foot-candle over the entire floor area of the building (or as required to meet current MIOSHA Standards). Provide a minimum of one (1) light in each room (excluding closets and utility chases, corridors, stairwells, etc.). Provide additional lighting in corridors and stairwells as directed by the Construction Manager as conditions require.
  - 2. Provide spare lamps and maintain temporary lighting system until permanent lighting is installed and activated.
- C. Trade Contractor's maximum individual load connected to the system shall be as follows:

VOLTAGE-PHASE 120 Volt, 1 phase 240 Volt, 1 phase MAXIMUM LOAD 1.5 kVA 2.5 kVA

- D. Trade Contractors shall not use temporary light and power system for electric heating, welders or for tools requiring larger than maximum loads specified above.
- E. If Work of separate Trade Contractors or Subcontractors requires three phase power or voltage exceeding 120 Volts for tools or equipment, that Trade Contractor or subcontractor with additional power requirements shall provide required temporary distribution system, unless specifically noted in Trade Contractor scope of work.
- F. Each separate Trade Contractor and Subcontractor shall make arrangements for electrical service, lighting and power for their field office, storage sheds and other temporary buildings.
- G. Electrical Trade Contractor shall remove temporary light and power system when no longer required. Salvaged materials shall become property of the Electrical Trade Contractor.

#### 1.2. TEMPORARY HEATING AND COOLING

- A. The HVAC Trade Contractor shall be responsible for all costs associated with the material and Work described herein.
  - 1. Temporary heaters with piping/hose for 10 zones, sized appropriately to maintain a 60 degree ambient air temperature for four (4) months. Cost of natural gas consumption by owner.
- B. The HVAC Trade Contractor shall place permanent heating and cooling equipment in operation as directed by the Construction Manager. The HVAC Trade Contractor shall operate and maintain permanent system while in operation prior to substantial completion of the project.
- C. The HVAC Trade Contractor agrees to provide testing, cleaning, adjusting and flushing, including precautions to be taken to prevent unusual wear or damage to the permanent heating system during its use for temporary heat and ventilation and shall submit to the Construction Manager its detailed plan.
- D. Permanent heating and cooling systems and equipment shall not be put into operation for temporary heating until the systems' components and equipment have been tested and cleaned in compliance with the approved plan. In addition:
  - 1. No permanent fan system shall be started, or ducts used, unless proper and adequate temporary air filters are installed and the Construction Manager has checked and approved the installation. Permanent air filters shall not be used for any temporary heating.

- 2. Temporary air filters shall be replaced when the pressure drop across the filter bank exceeds the manufacturer's recommended maximum.
- 3. Temporary filters shall be removed and replaced by permanent filters, at the termination of temporary heat, and prior to any testing or balancing of permanent heating system.
- 4. All warranties for the permanent heating system, as used for temporary heat and ventilation, shall commence on the date of project substantial completion, prior use notwithstanding, unless accepted in advance of this date by the Owner.
- 5. Use of permanent systems for temporary construction heating and cooling shall not effect the requirement that the warranty start date shall coincide with the substantial completion date as determined by the Architect and included in the Certificate of Substantial Completion. HVAC Trade Contractor shall include any additional cost to meet this provision in its base bid.
- E. Upon completion of use of temporary heating, permanent heating system shall be restored to operative conditions in manner acceptable to the Architect/Engineer. Entire duct system and all its components shall be thoroughly and properly cleaned to satisfaction of architect/engineer and Construction Manager. HVAC Trade Contractor shall guarantee material and equipment cleanliness. Cleaning shall be done so as not to damage other Work of the Contract or other contracts.
- F. Refer to Environmental Management specification section 015300 for specific details regarding the construction indoor air quality plan.

#### 1.3. TEMPORARY TELEPHONES

A. Temporary telephones shall be arranged and paid for by each individual Trade Contractor per their requirements.

### 1.4. TEMPORARY DATA CONNECTIONS

A. Data connections if required by Trade contractor shall be arranged for and paid for by each individual Trade Contractor per their requirements.

#### 1.5. TEMPORARY WATER

A. Temporary water will be available from an on-site fire hydrant upon completion of underground utilities. Each Trade Contractor shall transport the water to their area of Work as required.

#### 1.6. TEMPORARY TOILETS

A. The Construction Manager will provide temporary toilets.

## 1.7. **FIRE SAFETY**

A. The General Trades Contractor shall provide a minimum of 20 pound U.L. rated multi-purpose (Type A, B, C) fire extinguishers on stands spaced throughout the building at all times spaced such that the travel distance to a fire extinguisher shall not exceed 100 feet. Fire extinguisher stand shall be "Fire-Safety Mate" or equal as manufactured by the Goria Corporation, (telephone 888.464.6742).

## 1.8. TEMPORARY CONTROLS

## A. <u>CONSTRUCTION CLEANING</u>

#### 1. On-going Clean-up

- a. Project clean-up and disposal of debris is the responsibility of each Trade Contractor for their own material and shall be performed on a daily basis.
- b. Fridays of each week are designated as total project clean-up day. Trade Contractors shall be responsible to provide a labor force to thoroughly clean all areas where it has performed Work or otherwise created a need for clean-up. Friday clean-up shall include broom clean condition.
- c. Trade Contractor shall furnish labor for clean-up of unidentifiable debris including broom clean as directed by the Construction Manager in proportion to its Workforce.
- d. Trade Contractor shall be responsible for disposal of debris and segregated dumpsters shall be supplied by the construction manager, unless specified in Trade Contractor scope of work. Trade Contractors shall separate their debris into the appropriate dumpsters.
- e. In the event that the Trade Contractor fails to clean up and dispose of all debris promptly after written direction to comply, the Construction Manager will clean-up the debris and Trade Contractor shall be responsible for all associated costs.

#### 2. Work in Place Progress Cleaning

- a. Each Trade Contractor shall be responsible for cleaning of all material and equipment installed upon completion of installation of same.
- b. Work in place progress cleaning by each Trade Contractor shall include but not limited to the following:
  - i. Remove labels which are not required to be permanent.
  - ii. Clean transparent materials, including mirrors and window/door glass to a polished condition.
  - iii. All interior and exterior building material and equipment finished surfaces and components shall be cleaned to be free of dirt, dust, oils, film, and other foreign material.
  - iv. Clean debris and dust from limited-access spaces including roofs, plenums, ducts, shafts, trenches, equipment vaults, manholes, attics and similar spaces.
  - v. Each Trade Contractor, after completing its Work in any space, shall thoroughly clean any and all debris, dirt and dust caused by its Work or presence in a space. Such clean-up shall include but not be limited to:
    - 1. Vacuum or washing of floor, wall, ceiling and other surfaces.
    - 2. Restoring interior and exterior areas to condition that existed prior to occupying the space or commencement of the Work.

#### 3. **Debris disposal**

- a. All debris shall be legally disposed of off-site. Salvage opportunities, including debris sorting, to maximize recycling efforts is required and will need to be reported to Clark-Axim Joint Venture on a monthly basis, if dumpsters are not provided by Clark-Axim Joint Venture. Percentage of waste diverted from landfills must also be reported.
- b. Debris shall not be buried, covered up or left in walls or above ceilings.
- c. Burning of debris will not be permitted on the project site.
- d. Trade Contractor shall be responsible for disposal of debris and Clark-Axim Joint Venture will be responsible for dumpster costs

except where specifically noted otherwise in scope of work. - Addendum

## 4. Street Cleaning

- a. Trade Contractors shall be responsible for keeping all paved surfaces and public streets in the vicinity of the project clean of dirt and other debris that is a direct result of his operations.
- b. Cleaning shall consist of cleaning the streets with a pick-up type sweeper in such a manner that the pavement and gutters are maintained broom clean for the duration of the Contract.
- c. In the event that the Trade Contractor fails after written direction to promptly comply with street cleaning requirements, the Construction Manager shall perform the Work and charge the Trade Contractor all associated costs.

#### 1.9. MATERIAL AND EQUIPMENT HANDLING

- A. Material and equipment shall be handled and stored utilizing means and methods to avoid damage, soiling, exposure to adverse weather, etc.
- B. Store weather sensitive products in weather-tight enclosures; maintain within humidity ranges required by manufacturer.
- C. Products stored on-site shall be supported as not to be in contact with ground and to avoid soiling.
- D. In the event that products become soiled, exposed to adverse weather or damaged, the Trade Contractor shall clean, repair or replace if necessary the product to achieve new condition acceptable to the Owner and Architect.
- E. Coordinate material and equipment deliveries to meet requirements of the construction schedule.
- F. Coordinate all delivery dates and storage spaces with the Construction Manager.
- G. Trade Contractor shall be responsible for receipt, unloading and handling of products under its Contract. The Construction Manager or others will not receive deliveries for Trade Contractors unless noted otherwise in the Documents.

#### 1.10. PROTECTION OF INSTALLED WORK

A. Protect installed Work and provide special protection where specified in Contract Documents.

B. Trade Contractors required to Work on roof surfaces shall be responsible to take all precautions necessary to avoid puncture to roofing materials and shall place not less than the equivalent of ½ inch plywood to protect Work surface.

## 1.11. **SECURITY**

A. Trade Contractors shall provide all means of security and facilities as necessary to protect tools and equipment from theft or vandalism. Trade Contractor's shall be responsible for insurance and cost of replacement of all tools and equipment.

#### 1.12. OFFICE/STORAGE FACILITIES

- A. Trade Contractor shall not place storage and/or office facilities on-site without prior approval of the Construction Manager.
- B. Storage and office facilities shall be in good condition and appearance as determined by Clark-Axiom Joint Venture. Clark-Axiom Joint Venture reserves the right to demand removal of facilities that do not meet this requirement.
- C. Field offices and storage facilities shall remain portable and are subject to relocation.
- D. Cost of set-up and any relocation of field offices and storage facilities shall be the responsibility of the Trade Contractor.
- E. Electric heat or air-conditioning will not be allowed for field offices or storage facilities unless the Trade Contractor arranges for its own metered electrical service.

#### 1.13. REMOVAL OF UTILITIES, FACILITIES AND CONTROLS

- A. Remove all temporary above grade or buried utilities, equipment, facilities and materials when directed by the Construction Manager.
- B. Clean and repair damage caused by installation or use of temporary Work.

END OF SECTION



## Request for Information .020

Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .020 Date Created: 6/8/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company Tanner Rowe 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Wire Tray ClarificationElectricalClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/15/2020

[6/8/2020 7:14 AM Clark Construction Company - Tanner Rowe]

Will the electrical contractor be allowed to utilize the wire mesh tray for any of the low voltage systems on the project (card access, fire alarm, etc...) or is it to be used for telecommunications wiring only?

Answer Date Answered: 6/9/2020

[6/10/2020 6:00 AM Clark Construction Company - Tanner Rowe] [6/9/2020 4:03 PM Mitchell and Mouat Architects - Mark Borys]

Per Coordination with PBA and WISD - "Fire Alarm wiring would not be allowed in the cable tray with other low-voltage wiring".

Data, Access Controls, Security camera, PA, and Sound System cabling are planned for the cable trays.



## Request for Information .021

Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .021 Date Created: 6/8/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company Tanner Rowe 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Mechanical Schedule ClarificationElectricalClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/15/2020

[6/8/2020 7:15 AM Clark Construction Company - Tanner Rowe]

Reference the mechanical schedules. Within the electrical section column "Options and Accessories" there is an "A" and a "B" utilized at various locations. We have not been able to locate in the plans where these "option and accessories" are defined. Please advise.

Answer Date Answered: 6/9/2020

[6/10/2020 6:05 AM Clark Construction Company - Tanner Rowe] [6/9/2020 3:02 PM Mitchell and Mouat Architects - Mark Borys]

Per Steve Mrak of PBA - Reference 'Schedule General Notes' on Sheet M7.1-BP3 for "Options and Accessories" noted.



## Request for Information .025

Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .025 Date Created: 6/9/2020 **Authored By Answer Company Answered By Author Company Tanner Rowe** Mitchell and Mouat Architects Mark Borys Clark Construction Company 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

Subject Discipline Category

Pre-bid BP 3 - ACP-1 Architectural Plan/Spec Discrepancies

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/16/2020

[6/9/2020 11:33 AM Clark Construction Company - Tanner Rowe]

Spec section 09 8436 calls out a ceiling type ACP-1. This ceiling type cannot be found in the drawings, please advise where this is located.

Answer Date Answered: 6/10/2020

[6/10/2020 2:42 PM Clark Construction Company - Tanner Rowe] [6/10/2020 7:57 AM Mitchell and Mouat Architects - Mark Borys]

ACP-1 is not in project. Specification Section 09 8436 may be disregarded.



## **RFI Action Required**

The following RFI has been created. Please review the RFI below and take necessary action.

Project: Washtenaw ISD High Point School Official? þ

Closed? "

**Number:** .025 **Subject:** Pre-bid BP 3 - ACP-1

Importance: Normal Category: Plan/Spec Discipline: Architectural

Author Company:Clark Construction CompanyAnswer Company:Author Contact:Tanner RoweAnswer Contact:

Author RFI #:

Date Created: 6/9/2020 Date Responded: Date Required: 6/16/2020

#### Question

[6/9/2020 11: 33 AM Clark Construction Company - Tanner Rowe]

Spec section 09 8436 calls out a ceiling type ACP-1. This ceiling type cannot be found in the drawings,

please advise where this is located.

## TMP Response:

ACP-1 is not in project. Specification Section 09 8436 may be disregarded.

don/TMP 6-10-2020



Ann Arbor, MI 48104

## Request for Information .026

Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .026 Date Created: 6/9/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company Tanner Rowe 113 S. Fourth Street 3535 Moores River Drive

Lansing, MI 48911

Co-Respondent Author RFI Number

Subject Discipline Category

Pre-bid BP 3 - Metal Panel Clarification Architectural Specification Clarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/16/2020

[6/9/2020 1:36 PM Clark Construction Company - Tanner Rowe]

Regarding Bid Category 7B – Metal Wall Panels and Siding, Specification Section 07 4213 Metal Wall Panels; paragraph 2.04 calls for precoated 20ga. steel as the substrate for the perforated panels. The manufacturers state that the suitable substrate for weather exposed applications is precoated .040" thickness aluminum, and warn against the use of steel for these conditions. Please clarify if aluminum will be acceptable for the perforated panels. If so, will it also be acceptable for the non-perforated panels (paragraph 2.03) to maintain consistency in the finish?

Answer Date Answered: 6/10/2020

[6/11/2020 8:34 AM Clark Construction Company - Tanner Rowe] [6/10/2020 8:00 AM Mitchell and Mouat Architects - Mark Borys]

Perforated Metal Panels (located at RTU screen locations) are to be aluminum due to exterior location and perforations.

Non-Perforated Corrugated Metal Panels (located in locations of walls above roofs as shown on Clerestory Elevations) may be either steel or aluminum.



## **RFI Action Required**

The following RFI has been created. Please review the RFI below and take necessary action.

Project: Washtenaw ISD High Point School Official? |

Closed?

**Number:** .026 **Subject:** Pre-bid BP 3 - Metal Panel Clarification

Importance: Normal Category: Specification Discipline: Architectural

Author Company:Clark Construction CompanyAnswer Company:Author Contact:Tanner RoweAnswer Contact:

Author RFI #:

Date Created: 6/9/2020 Date Responded: Date Required: 6/16/2020

#### Question

[6/9/2020 1: 36 PM Clark Construction Company - Tanner Rowe]

Regarding Bid Category 7B – Metal Wall Panels and Siding, Specification Section 07 4213 Metal Wall Panels; paragraph 2.04 calls for precoated 20ga. steel as the substrate for the perforated panels. The manufacturers state that the suitable substrate for weather exposed applications is precoated .040" thickness aluminum, and warn against the use of steel for these conditions. Please clarify if aluminum will be acceptable for the perforated panels. If so, will it also be acceptable for the non-perforated panels (paragraph 2.03) to maintain consistency in the finish?

#### TMP Response:

Perforated Metal Panels (located at RTU screen locations) are to be aluminum due to exterior location and perforations.

Non-Perforated Corrugated Metal Panels (located in locations of walls above roofs as shown on Clerestory Elevations) may be either steel or aluminum.

dco/TMP 6-10-2020



Lansing, MI 48911

## Request for Information .027

Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .027 Date Created: 6/10/2020 **Answer Company Answered By Author Company Authored By** Clark-Axiom Joint Venture Tanner Rowe Clark Construction Company Tanner Rowe 3535 Moores River Drive 3535 Moores River Drive

Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Light Pole Base ClarificationElectricalClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/17/2020

[6/10/2020 5:58 AM Clark Construction Company - Tanner Rowe]

Please confirm which bid category is responsible for the excavation, concrete and associated reinforcement associated with the new light pole bases and underground electrical duct bank work.

Answer Date Answered: 6/12/2020

[6/12/2020 10:44 AM Clark Construction Company - Tanner Rowe] Bid cat. 26 - Electrical as part of base specification 26 5600 2.03 D



Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .028 Date Created: 6/10/2020 **Answer Company Answered By Author Company Authored By** Clark Construction Company **Tanner Rowe** Clark Construction Company **Tanner Rowe** 3535 Moores River Drive 3535 Moores River Drive Lansing, MI 48911 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Swimsuit Extractor ScopeAll DisciplinesClarification

Clarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/17/2020

[6/10/2020 8:01 AM Clark Construction Company - Tanner Rowe]

Per the work scope breakdown, bid category 26 is responsible for providing and installing the swimsuit water extractor.

Will bid category 26 also be responsible for the water drain to

approved sanitary waste line as delineated in specification section 10 0100, 2.04,D,3?

Answer Date Answered: 6/10/2020

[6/10/2020 8:14 AM Clark Construction Company - Tanner Rowe]

No, swimsuit extractor drain piping to be furnished and installed by Bid Category - 22 Plumbing



Detailed, With No Comments

Washtenaw ISD High Point School
Project # 19-2832 Clark Construction Company
Tel: Fax:

RFI #: .029
Answer Company
Answered By
Mitchell and Mouat Architects
Mark Borys
Clark Construction Company
Tanner Rowe

113 S. Fourth Street
Ann Arbor, MI 48104
S535 Moores River Drive
Lansing, MI 48911

Co-Respondent Author RFI Number

Subject Discipline Category

Pre-bid BP 3 - Swimsuit Extractor Piping Plumbing Drawing Clarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/17/2020

[6/10/2020 8:17 AM Clark Construction Company - Tanner Rowe]

Sheet M2.0E-BP3 does not show the swimsuit extractors drain tying into sanitary. Spec 10 0100 2.04 D 3. call for these to drain to approved sanitary. Are these to drain directly onto the floor or be tied in? Please clarify.

Answer Date Answered: 6/10/2020

[6/11/2020 8:36 AM Clark Construction Company - Tanner Rowe] [6/10/2020 1:36 PM Mitchell and Mouat Architects - Mark Borys]

Per PBA - Suit spinner drain to be hard piped to sanitary pipe associated with EWC in wall behind unit.



Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .030 Date Created: 6/10/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company **Tanner Rowe** 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

Subject Discipline Category

Pre-bid BP 3 - MDP Feeder Clarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/17/2020

[6/10/2020 8:26 AM Clark Construction Company - Tanner Rowe]

Feeder from MDP to T-DP-RP2 is shown on the one-line diagram as 2 ½" C with (4) #300kcmil + (1) #2 AWG Ground. We believe there should only be a quantity of (3) #300kcmil conductors in lieu of the (4) shown. Please confirm.

Answer Date Answered: 6/10/2020

[6/11/2020 8:41 AM Clark Construction Company - Tanner Rowe]

This applies to the feeder for T-DP-RP3:

PBA agrees it should be (3) #300Kcmil, a neutral is not required.

Brett Galbraith PBA 6/10/2020



## **RFI Action Required**

The following RFI has been created. Please review the RFI below and take necessary action.

Project: Washtenaw ISD High Point School Official? |

Closed? "

**Number:** .030 **Subject:** Pre-bid BP 3 - MDP Feeder Clarification

Importance: Normal Category: Discipline:

Author Company:Clark Construction CompanyAnswer Company:Author Contact:Tanner RoweAnswer Contact:

Author RFI #:

Date Created: 6/10/2020 Date Responded: Date Required: 6/17/2020

#### Question

[6/10/2020 8: 26 AM Clark Construction Company - Tanner Rowe] Feeder from MDP to T-DP-RP2 is shown on the one-line diagram as 2 ½ " C with (4) # 300kcmil + (1) # 2 AWG Ground. We believe there should only be a quantity of (3) # 300kcmil conductors in lieu of the (4) shown. Please confirm.

This applies to the feeder for T-DP-RP3: PBA agrees it should be (3) #300Kcmil, a neutral is not required.

Brett Galbraith PBA 6/10/2020



Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .032 Date Created: 6/10/2020 **Answered By Authored By Answer Company Author Company Tanner Rowe Tanner Rowe** Clark Construction Company Clark Construction Company 3535 Moores River Drive 3535 Moores River Drive Lansing, MI 48911 Lansing, MI 48911

Co-Respondent Author RFI Number

Subject Discipline Category

Pre-bid BP 3 - Clark-Axiom JV Clarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/17/2020

[6/10/2020 9:09 AM Clark Construction Company - Tanner Rowe]

Will any entity of the Clark -Axiom Joint venture team be allowed to self-perform or be awarded contracts for any of the Bid Categories?

Answer Date Answered: 6/10/2020

[6/10/2020 9:09 AM Clark Construction Company - Tanner Rowe]



Detailed. With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .033 Date Created: 6/11/2020 **Answer Company Answered By Authored By Author Company** Clark Construction Company **Tanner Rowe** Clark Construction Company **Tanner Rowe** 3535 Moores River Drive 3535 Moores River Drive Lansing, MI 48911 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Selective Demolition ClarificationsDemolitionClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/18/2020

[6/11/2020 2:31 PM Clark Construction Company - Tanner Rowe]

- 1. Who is responsible for the saw cutting, concrete, and spoils removal for the new pool ramp?
- 2. Who is responsible for removal of the pool equipment shown on SP0.2?
- 3. Underground plumbing sheets M2.0 show new sanitary going in, is there any saw cutting and concrete removal required by the selective demolition contractor?
- 4. What is the height of the wood paneling around the gymnasium?
- 5. Who does the tile removal for Alt 5?
- 6. On MD3.0C, it shows the pool in area C, the pool is shown in area B, can you clarify these areas.
- 7. Drawing SP0.2, Keynote D9 says to remove overhead pool access, what is this?
- 8. Are there any pictures available of the pool and pool mechanical room?

Answer Date Answered: 6/11/2020

[6/11/2020 2:31 PM Clark Construction Company - Tanner Rowe]

- 1. 02A Selective Demolition
- 2. 02A Selective Demolition
- 3. Yes but only in areas B and E where the new plumbing connects to the existing, all other areas are new. Any cutting or coring in the new areas is by the plumbing contractor.
- 4. Approximately 8'
- 5. 02A Selective Demolition
- 6. The pool will be in Zone E
- 7. See attached photo
- 8. Existing pool photos in addendum 2. See attached for existing mechanical room photos.













Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .034 Date Created: 6/11/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company Tanner Rowe 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Pool Tile DemoDemolitionClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/18/2020

[6/11/2020 3:48 PM Clark Construction Company - Tanner Rowe]

Drawing SP0.2, what is the extent of tile removal for keynote 1? The note is shown in several locations, is each location indicating 1 tile or sections of tile?

Answer Date Answered: 6/11/2020

[6/12/2020 9:46 AM Clark Construction Company - Tanner Rowe] [6/11/2020 4:01 PM Mitchell and Mouat Architects - Mark Borys]

Per General Pool Notes #3 - The contractor shall perform a sound testing of the existing interior pool tile finish and carry 500 SF for replacement ...as part of the Base Bid.



Detailed, With No Comments

Washtenaw ISD High Point School Project # 19-2832 **Clark Construction Company** Fax: RFI#: .035 Date Created: 6/11/2020 **Answer Company Answered By Author Company Authored By** Mitchell and Mouat Architects Mark Borys Clark Construction Company Tanner Rowe 113 S. Fourth Street 3535 Moores River Drive Ann Arbor, MI 48104 Lansing, MI 48911

Co-Respondent Author RFI Number

SubjectDisciplineCategoryPre-bid BP 3 - Pool Wall OpeningDemolitionClarification

Cc: Company Name Contact Name Copies Notes

Question Date Required: 6/18/2020

[6/11/2020 3:52 PM Clark Construction Company - Tanner Rowe]

Drawing SP0.2, Keynote D4 to make an opening in the pool wall is shown in 2 places along the North wall. The keynote shown in the middle of the wall to the East cannot be found on any other drawings, please clarify if there are 2 openings to be cut in the pool wall.

Answer Date Answered: 6/11/2020

[6/12/2020 9:47 AM Clark Construction Company - Tanner Rowe] [6/11/2020 4:05 PM Mitchell and Mouat Architects - Mark Borys]

There is only one new opening required of Note D4. The D4 tag in the middle of the north pool wall should be tag "D6".



Substitution Request Number:	003	Date Submitted:	6/4/20	
TMP/MaMA Project Number:	19040	Project Name:	Washtenaw New Hight Point	School
	SPE	ECIFIED ITEM		
Specification Title: 098433				
Specification Section: Acoustic	c Wall Units Specific	cation Article/Paragra	<sub>lph:</sub> 2.01	
Specified Product / Description:	AWP1 Acoustic Wall F	Panels		
Specified Manufacturer: Conwe	ed Designscape, Owe	ns Corning		
Specified Product / Model: Res	pond IR Series			
Reason specified item cannot be pr	ovided: More expens	sive		
	PROPOS	ED SUBSTITUTI	<u>ON</u>	
Description of Proposed Substitutio	<sub>n:</sub> Same			
Proposed Manufacturer: Integr	ated Interiors, Inc.			
Address: 21221 Hoov	ver Rd, Warren, Mi 48	8089		
Website: www.integra	atedinteriors.com			
	Acoustic Wall Pane	els		
Years manufacturer has been in bu	siness: 32	Years pro	oduct/model has been manufactured:	32
Differences between proposed sub-		luot a aaat a		
r i r				
Will proposed substitution affect oth	ner parts of work? X No	☐ Yes		
If Yes, explain how:	•			
ii Tes, explain now.				
	M C · · · ·	] <b></b>	011	
How will substitution benefit the Ow	ner: ☒ Cost savings ☐ Absolutely the same	•	Other	
Provide specific details:	Absolutely the Saffle	product.		

The followin	g information is required; check to indicate information is attached. (Request will be rejected without required data)
	List of references where proposed product has been installed; include address, owner, architect, and date installed.
$\mathbf{x}$	Product data sheets.
	Applicable certificates and test reports.
	Comparative Data: Provide point-by-point, side-by-side comparison of specified product and proposed substitution addressing essential attributes specified.
Indicate whic	h of the following voluntary information is attached, if any:
	Drawings.
	Samples.
	Other Items:
	SIGNATURE
The undersig	ned certifies:
<ul><li>To provide</li><li>Agrees to p</li><li>Agrees to c</li><li>The propos</li><li>The propos</li></ul>	sed substitution meets or exceeds the quality level of the specified product, equipment, assembly, or system.  the same warranty for the substitution as for the specified product.  provide same or equivalent maintenance service and source of replacement parts, as applicable.  proordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to Owner.  Sed substitution will have no adverse effects on other work.  Sed substitution will not affect project schedule.  Sims for additional costs or time extension that may subsequently become apparent.  Company: Integrated Interiors, Inc.
Signed By:	Heather Condon Printed Name: Heather Condon
Title: Proj	ect Engineer
Address: 2	21221 Hoover Rd, Warren, Mi 48089
Email: hc	ondon@integratedinteriors.com Phone: (586) 756-4840
	ARCHITECT'S RESPONSE
<ul> <li>During con</li> </ul>	ting, Architect will approve substitution requests by issuing an Addendum. Substitutions not approved by addendum are rejected.  struction, Architect will notify Contractor in writing (see below) of decision to accept or reject request, and incorporate the substitution into the project by der, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments as provided for in the Conditions of the Contract.
☐ Substitut	ion Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.
☐ Substitut	ion Rejected - Provide specified materials.
	Danielle O'Neal, AIA  Printed Name: Danielle O'Neal, AIA
Architect's C	omments: Manufacturer/supplier is typicall in Specification. Was left off of list by oversight.



Substitution Request Number: 1 004  Date Submitted: 6-9-2020  TMP/MaMA Project Number: 19040 / 1909 Project Name: NEW HIGH POINT SCHOOL
SPECIFIED ITEM
Specification Title: MANUFACTURED PLASTIC LAMINATE CLAD CASEWORT
Specification Section: 12 3216 Specification Article/Paragraph:
Specified Product / Description:
Specified Manufacturer: ADVANCED COBINET SYSTEMS - CASE STEVENS, STRATT
Specified Product / Model:
Reason specified item cannot be provided: STERLING MILLWORK PABRICATE A PRODUCT
EQUAL TO MANUFACTURES USTED
PROPOSED SUBSTITUTION
Description of Proposed Substitution: COSEWORK MANUFACTURER PER SPECIFICATION
Proposed Manufacturer: STERLING MILLWORK, INC
Address: Z3350 COMMERCE DR FARMINGTON LIUS MI 48335
Website: WWW. Sterlingmillwork. com
Product / Model: FABRICATED PER 12 3216
Years manufacturer has been in business: 34 Years product/model has been manufactured:
Differences between proposed substitution and specified item:
Differences between proposed substitution and specified item.
Will proposed substitution affect other parts of work? ☐ No ☐ Yes
If Yes, explain how:
How will substitution benefit the Owner: ズ Cost savings ズ Time savings □ Other
Provide specific details: ALL CASEWORK WILL BE CUSTOM ALLOWING
FOR CUSTOM SIZES & COLORS CHANGES CAN BE
READILY AVAILABLE IF NEEDED WITH OUT LONG
K/AIT TILES

The following information is required; check to indicate information is attached. (Request will be rejected without required data)	
List of references where proposed product has been installed; include address, owner, architect, and date installed Product data sheets.	[ •G1
☐ Applicable certificates and test reports.	
Comparative Data: Provide point-by-point, side-by-side comparison of specified product and proposed substitution addressing essential attributes specified.	
Indicate which of the following voluntary information is attached, if any:	
▶ Drawings.	
□ Samples.	
Other Items:	
	<b>-</b> -
SIGNATURE	
The undersigned certifies:	
<ul> <li>The proposed substitution meets or exceeds the quality level of the specified product, equipment, assembly, or system.</li> <li>To provide the same warranty for the substitution as for the specified product.</li> <li>Agrees to provide same or equivalent maintenance service and source of replacement parts, as applicable.</li> <li>Agrees to coordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to Owner.</li> <li>The proposed substitution will have no adverse effects on other work.</li> <li>The proposed substitution will not affect project schedule.</li> <li>Waives claims for additional costs or time extension that may subsequently become apparent.</li> </ul>	
Contractor / Company: Sterling Millwork	
Signed By: Printed Name: LINDA ADKINS	
Title: SENIOR - ESTIMATOR	
Address: 23350 COMMERCE DR FARMINGTON HIUS, 11 48335	
Email: ladkins @Sterling MILLWORK Phone: 248-752-6977	
ADCHITECT'S DESDONSE	
ARCHITECT'S RESPONSE	
<ul> <li>During bidding, Architect will approve substitution requests by issuing an Addendum. Substitutions not approved by addendum are rejected.</li> <li>During construction, Architect will notify Contractor in writing (see below) of decision to accept or reject request, and incorporate the substitution into the project Change Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments as provided for in the Conditions of the Contract</li> </ul>	
□ Substitution Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.	
☐ Substitution Rejected - Provide specified materials.	
Signed By: Danielle O'Neal, A9A  Printed Name: Danielle O'Neal, AIA 06-10-2020	
Architect's Comments: Manufacturer may provide a voluntary alternate to provide millwork in place of	
prefabricated casework to be evaluated by CM, Architect, and Owner.	



Substitution Request I	Number:	01 005	Date Submitted:	6/10/2020	
TMP/MaMA Project Number:		19040	Project Name:	BP 3 - New High Point School	
			SPECIFIED ITEM		
Specification Title:	FOAMED	IN PLACE INSULATION			
Specification Section:	072119	Spe	ecification Article/Paragrap	oh: 2.01 PAGE 2	
Specified Product / Desc	cription:		OSED CELL POLYURET		
Specified Manufacturer:	BASI	=			
Specified Product / Mode	el: W	/ALLTITE			
Reason specified item ca	annot be pr	ovided: ADDITIO	N OR EQUAL		
		PROP	OSED SUBSTITUTIO	<u>DN</u>	
Description of Proposed	Substitutio	n: QUIK SHIELD Q	S-118 Ultra-Efficient close	d-cell, spray foam	
Proposed Manufacturer:	SWD	URETHANE			
Address: 540 SOUTH DREW ST MESA AZ 85210					
Website:	SWDURETH	IANE.COM NEW SITE E	BEING REVISED https://angry	v-mclean-c414f7.netlify.app/architectsInsula	ation/
Product / Model:	QS-118				
Years manufacturer has	been in bu	siness: 40 YEARS	Years pro	duct/model has been manufactured:	10
Differences between pro	posed sub	stitution and specified	item: NONE		
Will proposed substitutio	n affect oth	ner parts of work?	No ☐ Yes		
If Yes, explain h	now:				
How will substitution ben	nefit the Ow	ner: □ Cost savings	☐ Time savings ☐ C	Other	
Provide specific				the need to spray a second lift – this	
	S	peeds up the installation	process by up to 50%.		

The follo	wing information is required; check to indicate information is attached. (Request will be rejected without required data)
]	List of references where proposed product has been installed; include address, owner, architect, and date installed.  Product data sheets.  Applicable certificates and test reports.  Comparative Data: Provide point-by-point, side-by-side comparison of specified product and proposed substitution addressing essential attributes specified.
Indicate w	which of the following voluntary information is attached, if any:
[	□ Drawings. □ Samples. □ Other Items:
	<u>SIGNATURE</u>
The unde	rsigned certifies:
<ul><li>To pro</li><li>Agrees</li><li>Agrees</li><li>The pro</li><li>The pro</li></ul>	oposed substitution meets or exceeds the quality level of the specified product, equipment, assembly, or system. vide the same warranty for the substitution as for the specified product. It is to provide same or equivalent maintenance service and source of replacement parts, as applicable. It is to coordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to Owner. Oposed substitution will have no adverse effects on other work. Oposed substitution will not affect project schedule. It is claims for additional costs or time extension that may subsequently become apparent.
Contracto	or / Company: SWD URETHANE
Signed By	รนะ พนตาะบุ y: Printed Name: SUE MURTEY
Title:	COMMERICAL SPEC REP
Address:	540 SOUTH DREW ST MESA AZ 85210
Email:	SUE.MURTEY@SWDURETHANE.COM Phone: 800-828-1394
<ul><li>During</li></ul>	ARCHITECT'S RESPONSE  bidding, Architect will approve substitution requests by issuing an Addendum. Substitutions not approved by addendum are rejected.
<ul> <li>During</li> </ul>	construction, Architect will notify Contractor in writing (see below) of decision to accept or reject request, and incorporate the substitution into the project by e Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments as provided for in the Conditions of the Contract.
☐ Subs	titution Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.
X Subs	titution Rejected - Provide specified materials.
Signed By	Tanielle O'Neal, AIA Printed Name: Danielle O'Neal, AIA
request inches allowed Per Ted "Applica	t, paragraph 5.2 states "Quick-Sheild 118 can be installed in one or more passes up to 4 per pass to achieve the maximum thicknesses specified in this report. Each pass must be do to fully expand prior to application of additional passes."  Chical Data Sheet QS118 provided with substitution request, "Application" note #6 states ation thickness should not exceed 8 inches. Applicators need to be approved to perform lift Applications."

Provide one of the six specified products or provide documentation that product will be installed per manufacturer's recommendations and list of <u>approved</u> applicators that will be installing product. don/TMP 6-11-2020



Substitution Request Number: 01 006 Date Subm  TMP/MaMA Project Number: 19040/1909 Project Nam	1/2. A 4 110 10H2
TMP/MaMA Project Number: 19040/1907 Project Nam	e. Then the state of the
SPECIFIED ITE	<u>.M</u>
Specification Title: METAL COWASSITE MATERIAL	WALL PANELS
Specification Section: 0742/3.23 Specification Article/P	aragraph: 2 · 0 / A + B
Specified Product / Description: WALL PANEL MANUFAC	TURER / System
Specified Manufacturer:	
Specified Product / Model: ENVELOPE 2000 RS	
Reason specified item cannot be provided:	
PROPOSED SUBSTI	
Description of Proposed Substitution: BASE BID: DRY SEAL RX	
Proposed Manufacturer: LAMINATORS INC CONEGRA	LITE PROJECT SYSTEMS)
Address: 3255 PENN ST, HATFIELD, PA	19440
Website: WWW. LAY, NATORS INC , COM	
Product / Model: BASE OID: OMEGALITE DRYSTAL &	RESSURE EQUALIZED ROIN SEPEEN
Years manufacturer has been in business: 30+	ars product/model has been manufactured: 20+
Differences between proposed substitution and specified item:	L AND SYSTEM MANUFACTURED AND
FABRICATES BY LAMINATORS INC, FINISH	WARRANY 30 YEARS
Will proposed substitution affect other parts of work? ♥ No □ Yes	
If Yes, explain how:	
How will substitution benefit the Owner:  Cost savings	NOTE STATES OF THE STATE OF THE STATES OF TH
Provide specific details: WORKMANSHIP WARRAM	TY 2 GRS LONGER (5 YES)
FIVISH WARRANTY 10 YRS LONGER	(30 YRS)

The following information is required; check to indicate information is attached. (Request will be rejected without required data)
List of references where proposed product has been installed; include address, owner, architect, and date installed.  Product data sheets.
Applicable certificates and test reports.
Comparative Data: Provide point-by-point, side-by-side comparison of specified product and proposed substitution addressing essential attributes specified.
SEE ATTACHED SPECREVIEW BY LIEUENSON ENCINCEEN
Indicate which of the following voluntary information is attached, if any:
Drawings.
☐ Samples.
Other Items:
SIGNATURE
The undersigned certifies:
The undersigned certines.
<ul> <li>The proposed substitution meets or exceeds the quality level of the specified product, equipment, assembly, or system.</li> <li>To provide the same warranty for the substitution as for the specified product.</li> </ul>
<ul> <li>Agrees to provide same or equivalent maintenance service and source of replacement parts, as applicable.</li> </ul>
<ul> <li>Agrees to coordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to Owner.</li> <li>The proposed substitution will have no adverse effects on other work.</li> </ul>
The proposed substitution will not affect project schedule.
Waives claims for additional costs or time extension that may subsequently become apparent.      Take
Contractor / Company: LAMINATORS TINC
Signed By: Printed Name: TLKM A & C. OLSON
Title: MANUFACTURERS REPRESENTATIVE
Address: POBOX S8, SYNVANIA, OH 43560
Email: 10L301 1295 @ AOL. COM Phone: 734-777-6788
ARCHITECT'S RESPONSE
<ul> <li>During bidding, Architect will approve substitution requests by issuing an Addendum. Substitutions not approved by addendum are rejected.</li> <li>During construction, Architect will notify Contractor in writing (see below) of decision to accept or reject request, and incorporate the substitution into the project by Change Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments as provided for in the Conditions of the Contract.</li> </ul>
Substitution Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.
☐ Substitution Rejected - Provide specified materials.
Signed By: Danielle O'Neal, A9A  Printed Name: Danielle O'Neal, AIA
Architect's Comments:



Substitution Request Number:	007	Date Submitted:	6.11.20
TMP/MaMA Project Number:	TMP 19040/ MaMA 1909	Project Name:	Washtenaw Intermediate School District
	<u>s</u>	PECIFIED ITEM	
Specification Title:	Flooring		
Specification Section: 096500	Spe	cification Article/Paragra	ph: Vinyl Sheet Flooring/ paragraph B
Specified Product / Description:	Vinyl Flooring		
Specified Manufacturer:	Gerflor		
Specified Product / Model:	Taraflex Multi-Use 6.2mm		
Reason specified item cannot be	provided: I don't have acces	s to that flooring product.	
	PROPC	SED SUBSTITUTION	ON
Description of Proposed Substitut		7.1mm Vinyl Cushion multi- use F	
	tt Sports		
	PO Box 262, Grandville, MI 49468		
Website: Tarkettsportsindoor.com CUTTINGEDGESPORTSFLOORING.COM			
Product / Model: Omnisports 7.1mm			
Years manufacturer has been in b	ousiness: 140	Years pro	oduct/model has been manufactured: 13
Differences between proposed su		•	
			% less seams, 15
year warra	nty not pro-ra	ated, easier	clean-ability due to
lack on ind	entation	√lo □ Yes	
	and parts of work.		
ii Tes, explain now.			
			-
Llow will authority them have stitled a	hunori	☐ Time actions ☐	Other
How will substitution benefit the O			Other
Provide specific details:	iess seams, easier	to clean, able to provide	favorable prices in comparison to competition

The follo	wing informatio	n is required; check to indicate in	formation is attach	ed. (Request will be rejected without required data)		
	List of refere	nces where proposed product has	been installed: inc	clude address, owner, architect, and date installed.		
	Product data sheets.					
	✓ Applicable certificates and test reports.					
	•	Data: Provide point-by-point, side ssential attributes specified.	e-by-side comparis	son of specified product and proposed substitution		
Indicate v	which of the follow	ring voluntary information is attach	ed, if any:			
	☐ Drawings.					
	Samples.	photo of finis	hed floor v	with omnisports 7.1		
	Other Items:			·		
		<u> </u>	SIGNATURE			
The unde	ersigned certifies:					
<ul><li>To pro</li><li>Agree</li><li>Agree</li><li>The pi</li><li>The pi</li><li>Waive</li></ul>	ovide the same warran is to provide same or e is to coordinate installa roposed substitution w roposed substitution w is claims for additional	eets or exceeds the quality level of the spec y for the substitution as for the specified pro quivalent maintenance service and source of tion and make changes to other work that m Il have no adverse effects on other work. Il not affect project schedule. costs or time extension that may subsequer Cutting Edge Sports flooring /Tarkett Spo	nduct.  If replacement parts, as lay be required for the vently become apparent.			
Contracto	or / Company	Outling Edge Sports Hoofing / Tarkett Spo				
Signed B	y:	<i>-</i> ₩~	_ Printed Name:	Laura Piebenga		
Title:	U	Director of Sales and Marketing				
Address:	PO	Box 262 Grandville, MI 49468				
Email: _	LAURA@CESPORT	SFLOORING.COM	Phone:	616.808.0292		
		ARCHIT	ECT'S RESPO	<u>ONSE</u>		
<ul> <li>During</li> </ul>	construction, Architec	t will notify Contractor in writing (see below)	of decision to accept o	ns not approved by addendum are rejected. r reject request, and incorporate the substitution into the project by ilar instruments as provided for in the Conditions of the Contract.		
<b>☑</b> Subs	titution Approved	- Provide submittals per Section 0	1 3000 and respec	ctive section for which substitution was made.		
☐ Subs	titution Rejected	Provide specified materials.				
Signed B	y: _Slatsad		Printed Name:	Sarah Watson		
Architect'	s Comments: P	rovide samples for Golden Map	ole, Light Maple,	Blue Maple, Sky Blue Maple		



Substitution Request Number:08 Date Submitted	June 10, 2020
TMP/MaMA Project Number: Project Name:	Washtenaw ISD
SPECIFIED ITEM	
Specification Title: Integrate Audiovisual Systems	0.45
Specification Section: 27 Specification Article/Parag	
Specified Product / Description: Network AV Encorders and Decord	ders
Specified Manufacturer: Visionary Solutions	
Specified Product / Model: Duet Wall Plate Encorder	
Reason specified item cannot be provided: It can be provided, this is just	t a better product.
PROPOSED SUBSTITUT	TION
Description of Proposed Substitution: Network AV Encorders and De	ecorders
Proposed Manufacturer: Crestron	<u> </u>
Address:	
Website: Crestron.com	A CONTRACT OF STREET
Product / Model: DM-NVX-E30 DM-NVX-D30 HD-TX-101-C-1G-E-	B-T HD-RX-101-C
Years manufacturer has been in business: 40+ Years p	product/model has been manufactured: 5
Differences between proposed substitution and specified item:  The nvx units need to be a	s are not wall plates. HDMI over Cat covertors wildded.
Will proposed substitution affect other parts of work?   ✓No □ Yes  If Yes, explain how:	
How will substitution benefit the Owner:   Cost savings Time savings  Provide specific details:	□ Other

The following information is required; check to indicate information is attached. (Request will be rejected without required data)
List of references where proposed product has been installed; include address, owner, architect, and date installed.  Product data sheets.  Applicable certificates and test reports.  Comparative Data: Provide point-by-point, side-by-side comparison of specified product and proposed substitution addressing essential attributes specified.
Indicate which of the following voluntary information is attached, if any:
<ul><li>□ Drawings.</li><li>□ Samples.</li><li>□ Other Items:</li></ul>
<u>SIGNATURE</u>
The undersigned certifies:
<ul> <li>The proposed substitution meets or exceeds the quality level of the specified product, equipment, assembly, or system.</li> <li>To provide the same warranty for the substitution as for the specified product.</li> <li>Agrees to provide same or equivalent maintenance service and source of replacement parts, as applicable.</li> <li>Agrees to coordinate installation and make changes to other work that may be required for the work to be complete, with no additional cost to Owner.</li> <li>The proposed substitution will have no adverse effects on other work.</li> <li>The proposed substitution will not affect project schedule.</li> <li>Waives claims for additional costs or time extension that may subsequently become apparent.</li> </ul>
Contractor / Company: MOSS
Signed By: Printed Name: Tim Loiselle
Title: AV Sales Engineer
Address: 561 Century Ave SW Grand Rapids MI, 49503
Email: tim.loiselle@mosstele.com Phone: 616-451-1967
ARCHITECT'S RESPONSE
<ul> <li>During bidding, Architect will approve substitution requests by issuing an Addendum. Substitutions not approved by addendum are rejected.</li> <li>During construction, Architect will notify Contractor in writing (see below) of decision to accept or reject request, and incorporate the substitution into the project by Change Order, Construction Change Directive, Architectural Supplementary Instructions, or similar instruments as provided for in the Conditions of the Contract.</li> </ul>
☐ Substitution Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.
X Substitution Rejected - Provide specified materials.
Signed By: Clark Beach BAI, LLC Printed Name:
Architect's Comments: The video input devices need to be wall plates and VGA connection points
are needed due to the fact that there are still legacy computers being used in
some places. The wall plate allows for ease of connection without using portable converters.
portable converters.



Substitution Request Number: _	09	_ Date Submitted:	6/8/2020		
TMP/MaMA Project Number:	1909	Project Name:	High Point High School Addition-Bid Package 3		
		SPECIFIED ITEM			
Specification Title:EPDM	Membrane Roofing	]			
Specification Section: 075323	Sp	oecification Article/Paragra	ph:2.01 page 3		
Specified Product / Description:	.060 mil white EF	PDM roof system			
Specified Manufacturer: Carlisle, Firestone, Johns Manville					
Specified Product / Model:	.060 mil EPDM whi	te system			
Reason specified item cannot be prov	vided: Cont	ractor preference			
	PROF	OSED SUBSTITUTION	<u>NC</u>		
Description of Proposed Substitution:	Mule-l	Hide Products .060 mil wh	ite EPDM system		
Proposed Manufacturer:	Mule-Hide	Products			
Address:11	95 Prince Hall Drive	e, Beloit, WI 53511			
Website:w	ww.mulehide.com				
Product / Model: .060 mil white	on black EPDM roo	f ststem			
Years manufacturer has been in busin	ness:30 year	Years pro	oduct/model has been manufactured:25+ year		
Differences between proposed substi	tution and specified		this is an identical product based on the specified		
Physical properties and performance	of Mule-Hide's syst	system. em are identical to Carisle	Syntec, one of the specified manufacturers		
Will proposed substitution affect other	r parts of work?	No □ Yes			
If Yes, explain how:					
How will substitution benefit the Owne	er: □ <sup>*</sup> Cost savings	* □ Time savings □	Other		
Provide specific details: _*	Product is priced co	ompetetitively-cost saving contractor's proposal	and labor savings		

The following information is required; check to indicate information is attached. (Request will be rejected without required data)						
_X	Product data sheets.  Applicable certificates and test reports.					
	addressing essential attributes specified.					
Indicate which of the following voluntary information is attached, if any:						
	Drawings.					
	Samples. *					
	□ Other Items: Samples available upon request.					
	!	<u>SIGNATURE</u>				
The undersig	gned certifies:					
<ul><li>To provide</li><li>Agrees to</li><li>Agrees to</li><li>The propo</li><li>The propo</li></ul>	sed substitution meets or exceeds the quality level of the species the same warranty for the substitution as for the specified proprovide same or equivalent maintenance service and source coordinate installation and make changes to other work that resed substitution will have no adverse effects on other work, sed substitution will not affect project schedule.	oduct. of replacement parts, as a may be required for the w	applicable.			
Contractor / Company: Mule-Hide Products on behalf of Kril Enterprises						
Signed By:	Carolyn Dammen	_ Printed Name:	Carolyn Dammen,			
Title: Architectural Services/Strategic Accounts Coordinator						
Address: _	1105 Prince Hell Prive Relait WI 52511					
Email:	carolyn.dammen@mulehide.com	Phone:	608-322-8496			
	ARCHIT	<u> </u>	<u>NSE</u>			
<ul> <li>During cor</li> </ul>		) of decision to accept or	ns not approved by addendum are rejected. reject request, and incorporate the substitution into the project by ar instruments as provided for in the Conditions of the Contract.			
□ Substitution Approved - Provide submittals per Section 01 3000 and respective section for which substitution was made.						
Substitution Rejected - Provide specified materials.						
Signed By:	Danielle O'Neal, AIA	_ Printed Name:	Danielle O'Neal, AIA			
Architect's Comments: Provide one of the three (3) pre-approved manufacturers listed in the specification.						