



Addendum #2

Fraser Public Schools

Bid Package #4: 2019 Renovations

December 5, 2018

Content Included in this Addendum:

Cover Page (1 Page)
Barton Malow Write Up (4 Page)
Wakley Associates Addendum Write Up (6 Pages)
Preliminary Duct Sox Designs (4 Pages)

TOTAL PAGES: 15 Pages



Addendum #2

PROJECT: Fraser Public Schools
Bid Package #4: 2019 Renovations

DATE: December 5, 2018

TO: All Known Plan Holders

The purpose of this addendum is to clarify information that has been gathered after the release of the drawings and specifications for Fraser Public Schools. Attached, please find information, which is to be made a part of the Contract Documents, and is being issued as Addendum #2.

Bidder shall acknowledge the receipt of the Addendum by inserting the number and date of this Addendum in the space provided in the Bid Proposal Form.

Clarifications and Additions to Work Scope:

Reference Bid Category – 060000- General Trades

Under Include

- Revise item 2 to include Floor Plan Casework Notes 59 as it relates to duct penetration detail 4/G2.0 general trade is responsible for demolition of wall opening and installation of lintel.
- Revise item 3 to include Composite/New Work Notes H

Reference Bid Category – 070500 - Roofing

Under Include:

- Add item 31, “This contractor is responsible for the following Roof Plan Notes: 10, 11, 13 (flashing of curb), 17 (flashing of duct penetration through the roof), 18, 19, 20, 24, 25, 26, 27, 28 (infill of roof & opening) and 29 (opening & flashing).

Reference Bid Category – 096000 – VCT/Carpet Flooring

Under Include

- Revise item 4 to include Floor Plan Casework Note 58.

Reference Bid Category – 099000 – Painting

Under Include

- Revise item 3 to include Floor Plan Casework Notes 57 (paint) and 60
- Revise item 4 to include Composite/New Work Notes M and N
- Revise item 8 to include painting of new hollow metal frame, Note G under Composite/New Work Plan Notes.

Reference Bid Category – 230000 – Mechanical

Under Include

- Revise item 5 to include Floor Plan Casework Notes 28, 29 and 59 (layout of duct penetrations).

Reference Bid Category – 260000 – Electrical

Under Include

- Revise item 6 to include Floor Plan Casework Notes 57 (remove, patch and turnover speaker to Owners) and 59 (remove, relocate electrical devices)

PRE-BID RFI (REQUEST FOR INFORMATION):

RFI #	Pre Bid RFI Question:	Answer:
Q15:	It appears that there are a few or more listed items under the scope of work for BC 310000 - Site-work & Paving which don't seem to apply to this project. Is it possible to strike these from the scope? Example: Items 29(some), 31, 32, 38, 45 (some), and possibly more.	Addressed in Addendum 1
Q16:	Please see item #5 for BC 310000 and BC 32500, and clarify which BC is responsible for the demo of the items listed in the playground areas.	Addressed in Addendum 1
Q17:	Plans call for tooled joints in concrete walks if 8' or less in width. If the walks are greater than 8' width (which a lot of them are) then are they to be saw-cut instead of tooled?	Walks greater than 8' saw-cut
Q18:	Would it be possible to set up an allowance for the "supplemental" 21AA limestone base beneath the asphalt / concrete pavements?	Addressed in Addendum 2
Q19:	Is it possible to set up an allowance for the permits fees?	Allowance for Civil Permits Salk: \$2600.00 Dooley: \$5500.00 Emerson and Edison each at \$950.00. For a total of \$10,000.00. Once permits are finalized any unused will be returned to the Owner.
Q20:	How are we to access the paving behind the Dooley Center? After visiting the site, there's hardly a way to get to the back unless you remove more fencing at the south between the existing building and playground. There needs to be enough room to swing a truck / paving equipment through the narrow area. Only other option would be to access through the neighboring parking lots to the north	Addressed in Addendum 2
Q21:	Will Baton Malow be bidding as a self-perform contractor on any of the work?	No
Q22:	Is the sitework and paving contractor responsible for any paving inside the playground area, or is this included in the playground contractor's scope because they have all required base materials?	Asphalt Paving and Striping is the sitework scope
Q23:	Is there a detail for the supported slabs to be removed as indicated on the plan sheets?	Drawing have been updated
Q24:	The construction entrances (stone), do we need that large of area?	will reduce in the addendum to 12'x50'
Q25:	Which contractor is responsible for salvaging and re-installing any/all playground equipment?	Salvage/relocation playground equipment - BP Playground; Benches - Sitework to remove and install in greenspace or hard surface, wood chips -playground
Q26:	1. Can Sound Planning Communications, Redford, MI be listed as an approved sound system supplier? 2. Can JBL be listed as an approved speaker manufacturer?	1. yes: 2. yes
Q27:	Can JBL Control 31 be substituted for ISP HDDS SM2110 specified?	Yes
Q28:	Is it possible that the schools would be awarded separately, or will work of a division be awarded to one contractor?	Work of division to one contractor. However, contractors should figure to have at least 2 crews, so two schools can be done simultaneously.
Q29:	Where do I find the Composite / New Work Plan Note B for the helical piers? Is the site-work contractor responsible for the 200/SF of brick repair near the helical piers?	Note 1 on AS6.10, which refers to detail 5/S6.10, Brick repair is by General Trades (Mason)
Q30:	Is Carlisle PVC an approved manufacturer for spec section 7500	Carlisle PVC has been approved

Q31:	What is the height of the gymnasiums	20 feet
Q32:	Composite new work note E. Does this apply to all classrooms at all schools, it does not show on any drawing? What exactly is to be removed as "Tack Strip"?	If a tack strip is on a wall that is receiving casework, boot rack, coat rack, shelving, etc. and the tack strip is in the way it has to be removed and turned over to the school. These tack strips are also known as cork display strips, map rails or display rails. It is a cork strip inside a metal rail.
Q33:	Note 26, burn off steel uprights. Should this be in the steel work scope? Not General Trades?	General Trades is responsible for the removal.
Q34:	Edison – Confirm there is no demo page for area "B"?	Edison - Area B - no general demolition is being done.
Q35:	Emerson – Confirm there is no demo page for area "B"?	Emerson -Area B - no general demolition is being done
Q36:	Salk – Page A6.11A, note 26 concrete removal, metal uprights. Is there a detail other than 14/A6.11A? Salk How many metal supports run across each area? Salk Is this a wall to be removed?	No other detail. Each line represents a bulletin board, therefore the space between each lines represent a support that runs from the deck to below the floor. I.E. classroom 110, 6 supports (includes the support at each end). They are standing bulletin boards, which are to be removed.
Q37:	Page A6.11C, note 43 tooth in is in the same location as note 12 sliding partition door and frame. Clarify what this wall is	The current wall has a sliding partition and frame installed, that will need to be removed and the wall patched, making sure to tooth the wall.
Q38:	General Trade Scope item #3 shows note K is included in general trades but all work is listed in other scopes, i.e. electrical, mechanical, including the removal of the ceiling. Please clarify.	Note K - it is the responsibility of the mechanical contractor to relocate CUH, the general trades contractor to rework ceiling and the electrical contractor to rework lights
Q39:	General Trade Scope item #5 do you have pictures of the insulation in the gym?	No
Q40:	General Trade Scope item #6 What wall demo? There is none shown.	This would include but not limited to openings in masonry walls that require lintels, beams, and bond beams, demolition associated with the installation of the structural rails for the mechanical unit as it relates to CMU block, removal of existing frame in block wall and any other selective demolition that is called out on an Architectural Plan.
Q41:	General Trade Scope item 12 and 27, what wall openings? Openings for mechanical items are in their scopes.	General Trade is responsible to patch openings where ductwork or other items are removed unless specifically called out under the Mechanical & Electrical Scope. General Trades is responsible to all openings in masonry wall that requires lintels, beams and bond beams for mechanical & electrical work, unless specifically called out under the Mechanical & Electrical Scope.
Q42:	How many phases, remobilizations?	Construction will start June 16 and with the first school turnover on August 16, and the last one done the week before Labor Day. However, contractors should figure to have at least 2 crews, so two schools can be done simultaneously.
Q43:	What are the wages for this project?	June 6, 2018, Michigan's Prevailing Wages on State Projects law, Act 166 of 1965 was revoke. You are required to submit your labor rate on the proposal form.

Q44:	I looked at all the drawings and do not see anything regarding fire suppression work	There is no fire suppression on this project
Q45:	it's showing remove and replace appx. 1800 sf of concrete walk on each of the drawings is that correct? Because there appears to be much more at most of them.	The only SF that is called out is some misc. patching and does not take into consideration any of the extensive concrete sidewalk at the entrance of the schools.
Q46:	Also, some other quick questions regarding Site Concrete: Are we responsible for demo of concrete? Are we responsible for restoration of grass areas? Are we responsible for fine grading? If responsible for demo and /or fine grade/ are we responsible for hauling off of spoils?	BC 310000-Sitework and Paving is responsible for demo of concrete, restoration of grass area, fine grading and taking care of the spoils.
Q47:	Gyms (ref. General Trades work scope item #5)- Is it only roof insulation being removed? Which bid cat. is responsible for removing pipe supports?	General Trade contractor is responsible for the insulation & supports (pipe, unistrut, etc.) associated with the removal of the insulation. Mechanical Contractor is responsible for supports (pipe, unistrut, etc.) associated with removal/ demolition of piping and equipment and the Electrical Contractor for supports (pipe, unistrut, etc.) associated with removal/demolition of electrical components and equipment.
Q48:	G2.0 casework General Note 4- how is this item to be priced (scope not indicated on the bid documents).....possibly use an allowance cost?	General Note 4 is the responsibility of BC 123000 Casework
Q49:	Salk- Which bid cat. does restoration for the new helical piers?	Sitework contractor is responsible for the helical piers and restoration. General Trade is responsible for removal/replacement of brick at helical piers and all associated brickwork as shown on the drawings.
Q50:	Are there preliminary designs of the duct sox	See addendum 2 for preliminary duct sox design: colors & fonts subject to change. Design may not show the correct color of the duct sox.

END OF ADDENDUM #2 BARTON MALOW WRITE UP

WAKELY ASSOCIATES, INC.
ARCHITECTS
30500 Van Dyke Ave. - Suite 209
Warren, Michigan 48093

ADDENDUM NO. TWO
FRASER PUBLIC SCHOOLS
2019 RENOVATIONS
BID PACKAGE NO. 4
Page 1 of 6 (write up only)

December 5, 2018

ADDENDUM NO. TWO to the plans and specifications for the FRASER PUBLIC SCHOOLS, 2019 RENOVATIONS, BID PACKAGE NO. 4, FRASER, MI, Architect's Project No. 181759, dated November 14, 2018.

The above plans and specifications are modified, supplemented or augmented as follows, and this ADDENDUM NO. TWO is hereby made a part of the contract documents.

Drawings No. GENERAL - G2.0, CIVIL - Dooley: C1.01, C1.02, C1.03, C1.04, C1.05, Edison: C1.02, C1.03, C1.04, C1.05, Emerson: C1.02, C1.03, C1.04, Salk: C1.04, C1.09, ARCHITECTURAL - AS2.10, AS3.10, A3.10, A3.11A, A3.11C, A4.10, AS5.10, A5.10, A5.11A, A5.12, AS6.10, A6.11A, A6.11C, A7.10, MECHANICAL - M3.10, M6.10, ELECTRICAL - E5.31A, E6.31A are being issued with this Addendum.

GENERAL DRAWING ITEMS:

- ITEM NO. G1:** Refer to G2.0 Keynotes (re-issued)
- a. Note revised Composite/New Work Plan Note 57 to return speakers to owner.
 - b. Added New Work note 60 to caulk interior walls at crack locations and patch/paint flush to match adj. surfaces.
 - c. Added Composite/New Work Note 'M' to paint existing steel beams.
 - d. Added Composite/New Work Note 'N' to paint existing top course of masonry.

CIVIL DRAWING ITEMS:
DOOLEY ELEMENTARY

- ITEM NO. C1:** Refer to Sheet C1.01 (re-issued)
- a. Added concrete removal.
- ITEM NO. C2:** Refer to Sheet C1.02 (re-issued)
- a. Added concrete replacement.
 - b. Modified supported slab note to reference Architectural plans.
 - c. Modified striping.
 - d. Added crosswalks and directional arrows.
 - e. Added "No Parking" text.
- ITEM NO. C3:** Refer to Sheet C1.03 (re-issued)
- a. Added aggregate base allowance note.
 - b. Added crosswalk detail.

- ITEM NO. C4:** Refer to Sheet C1.04 (re-issued)
- a. Modified temporary construction entrance size.
 - b. Updated site striping, crosswalks, directional arrows and concrete replacement.

- ITEM NO C5:** Refer to Sheet C1.05 (re-issued)
- a. Added construction entrance detail.

EDISON ELEMENTARY

- ITEM NO. C6:** Refer to Sheet C1.02 (re-issued)
- a. Modified supported slab note to reference Architectural plans.
 - b. Modified striping.
 - c. Added crosswalks.

- ITEM NO. C7:** Refer to Sheet C1.03 (re-issued)
- a. Added aggregate base allowance note.
 - b. Added crosswalk detail.

- ITEM NO. C8:** Refer to Sheet C1.04 (re-issued)
- a. Modified temporary construction entrance size.
 - b. Updated site striping and crosswalks.

- ITEM NO. C9:** Refer to Sheet C1.05 (re-issued)
- a. Added construction entrance detail.

EMERSON ELEMENTARY

- ITEM NO. C10:** Refer to Sheet C1.01 (re-issued)
- a. Modified playground boarder removal location
 - b. Added clear and grub area

- ITEM NO. C11:** Refer to Sheet C1.02 (re-issued)
- a. Modified supported slab note to reference Architectural plans.
 - b. Modified striping and added "No Parking" text
 - c. Added crosswalks and directional arrows.
 - d. Added bollards and chain.
 - e. Added sign.
 - f. Relocated wood chip area, playground equipment, and plastic border.

- ITEM NO. C12:** Refer to Sheet C1.03 (re-issued)
- a. Added aggregate base allowance note.
 - b. Added crosswalk detail.
 - c. Added bollard detail.
 - d. Modified sign legend.

- ITEM NO. C13:** Refer to Sheet C1.04 (re-issued)
- a. Modified temporary construction entrance size
 - b. Updated site striping, crosswalks, directional arrows, bollards, and signs
 - c. Relocated wood chip area, playground equipment, and plastic border.
 - d. Added silt fence around relocated play area.

- ITEM NO. C14:** Refer to Sheet C1.05 (re-issued)
- a. Added construction entrance detail

SALK ELEMENTARY

- ITEM NO. C15:** Refer to Sheet C1.04 (re-issued)
- a. Modified supported slab note to reference Architectural plans.
 - b. Added aggregate base allowance note.

- ITEM NO. C16:** Refer to Sheet C1.09 (re-issued)
- a. Modified temporary construction entrance size.
 - b. Added construction entrance detail.
 - c. Added drain note.

ARCHITECTURAL SPECIFICATION ITEMS:

- ITEM NO. SP1:** Refer to Specification Section 07500 Membrane Roofing (Not-Re-Issued)
- a. Added Carlisle as an approved manufacturer
 - a. Contact Zack Davis – Commercial Roofing Specialists
 - b. 810.662.4056 • zack@crsllcreps.com

ARCHITECTURAL DRAWING ITEMS:

DOOLEY ELEMENTARY:

- ITEM NO. A1:** Refer to Drawing No. AS2.10 Dooley Architectural Site Plan (re-issued)
- a. Removed supported slab scope as indicated on plan.
 - b. Note revised paving demolition boundary as indicated on plan.

- ITEM NO. A2** Refer to Drawing No. A2.10 Dooley Comp. First Floor Plan (re-issued)
- a. Added note 59 to Reflected Ceiling Plan for new wall penetration as indicated.

EDISON ELEMENTARY:

- ITEM NO. A3:** Refer to Drawing No. AS3.10 Edison Architectural Site Plan (re-issued)
- a. Added note 27 to remove and replace supported slabs as indicated.
 - b. Note locations of supported slabs to be removed and replaced as indicated on plan.

- ITEM NO. A4:** Refer to Drawing No. A3.10 Edison Comp. First Floor Plan (re-issued)
- a. Added note 'M' to Partial Reflected Ceiling Plan to paint beams as indicated.
 - b. Added note 59 to Reflected Ceiling Plan for new wall penetration as indicated.
- ITEM NO. A5:** Refer to Drawing No. A3.11A Edison First Floor Plan Area 'A' (re-issued)
- a. Removed note 21 from room 103 Kindergarten – no accent wall in this room.
 - b. Removed note 21 from room 101 Kindergarten – no accent wall in this room.
- ITEM NO. A6:** Refer to Drawing No. A3.11C Edison First Floor Plan Area 'C' (re-issued)
- a. Removed note 21 from room C120 Art – no accent wall in this room.
 - b. Removed note 21 from room C119 Music – no accent wall in this room.

EISENHOWER ELEMENTARY

- ITEM NO. A7:** Add sheet A4.10 (Issued)
- a. Note new work in Kindergarten classrooms A114 and A116 to install (12) new cubbies in each room as indicated.

EMERSON ELEMENTARY:

- ITEM NO. A8:** Refer to Drawing No. AS5.10 Emerson Arch. Site Plan (re-issued)
- a. Added note 23 to remove and replace supported slabs as indicated.
 - b. Note locations of supported slabs to be removed and replaced as indicated on plan.
 - c. Revised the location of new playground equipment as indicated on plans.
 - d. Revised the area to be graded and seeded as indicated
 - e. Note revision to Site Plan New Work Note '18' to verify fall zone dimensions with mfr. and adjust eq. location in field.
 - f. Note revision to site Plan New Work Note '13' to slope away from building.
- ITEM NO. A9:** Refer to Drawing No. A5.10 Emerson Comp. First Floor Plan (re-issued)
- a. Added note 'M' to Partial Reflected Ceiling Plan to paint beams as indicated.
 - b. Added note 'N' to Partial Reflected Ceiling Plan to paint top course of masonry as indicated.
 - c. Added note '57' to Partial Reflected Ceiling Plan to remove existing speakers and return to owner.

- ITEM NO. A10:** Refer to Drawing No. A5.11A Salk First Floor Plan Area 'A' (re-issued)
- a. Removed note 21 from room 121 Music – no accent wall in this room.
 - b. Removed note 21 from room 122 Art – no accent wall in this room.
 - c. Added note 57 to Multi-Purpose room to remove existing speakers and return to owner.

- ITEM NO. A11:** Refer to Drawing No. A5.12 Emerson Roof Plan (re-issued)
- a. Note removed roof hatch – no new work to be performed in this area.

SALK ELEMENTARY:

- ITEM NO. A12:** Refer to Drawing No. AS6.10 Salk Arch. Site Plan (re-issued)
- a. Added note 35 to remove and replace supported slabs as indicated.
 - b. Note locations of supported slabs to be removed and replaced as indicated on plan.

- ITEM NO. A13** Refer to Drawing No. A6.10 Salk Comp. First Floor Plan (re-issued)
- a. Added note 59 to Reflected Ceiling Plan for new wall penetration as indicated.

- ITEM NO. A14:** Refer to Drawing No. A6.11A Salk First Floor Plan Area 'A' (re-issued)
- a. Removed note 21 from room 103 Kindergarten – no accent wall in this room.
 - b. Removed note 21 from room 101 Kindergarten – no accent wall in this room.
 - c. Added note 60 to room 109 to caulk, patch and paint existing cracks in interior walls after helical piers have been installed.
 - d. Note new work in Kindergarten Classrooms 101 and 103 to install (5) new cubbies in each room as indicated.
 - e. Added Casework Elevation 15/A6.11A.
 - f. Added Casework Section 16/A6.11A.
 - g. Revised reference and detail number 17 as indicated.

- ITEM NO. A15:** Refer to Drawing No. A6.11C Salk First Floor Plan Area 'C' (re-issued)
- a. Removed note 21 from room 211 Music – no accent wall in this room.
 - b. Removed note 21 from room 212 Art– no accent wall in this room.
 - c. Added note 60 to room 210 Discovery to caulk, patch and paint existing cracks in interior walls.

TWAIN ELEMENTARY

- ITEM NO. A16:** Add sheet A7.10 (Issued)
- a. Note new work in classrooms B119 and B123 to install (5) new cubbies in each room as indicated.

MECHANICAL DRAWING ITEMS:
EDISON ELEMENTARY

- ITEM NO. M1:** Refer to Drawing M3.10 (Re-Issued)
- a. Revised plumbing fixture identification tag as indicated.

SALK ELEMENTARY

- ITEM NO. M2:** Refer to M6.10 (Re-Issued)
- a. Revised plumbing fixture identification tags as indicated.

ELECTRICAL DRAWING ITEMS:
EMERSON ELEMENTARY

- ITEM NO. E1:** Refer to E5.31A (Reissued)
- a. Added demolition of speaker, as indicated.
 - b. Added Demolition Key Note B, as indicated.

SALK ELEMENTARY

- ITEM NO. E2:** Refer to Drawing E6.31A (Reissued):
- a. Added Construction Key Note 11, as indicated.
 - b. Added Construction Key Note 12, as indicated.
 - c. Revised Construction Key Note Tags, as indicated.
 - d. Added Construction Key Note Tag, as indicated.

END OF ADDENDUM NO. TWO

Cc: Shelley Check, Barton Malow Co.
Dan waters, Fraser Public Schools
Addenda File

EDISON



EAGLES

PRELIMINARY DESIGN

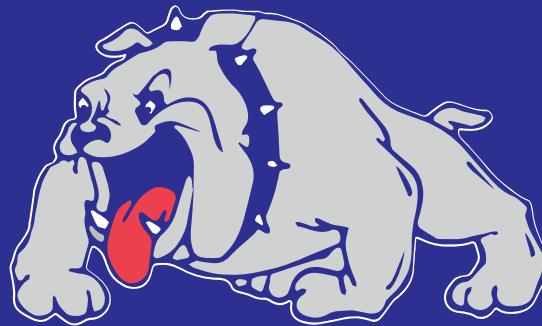
Salk  **Seahawks**

PRELIMINARY DESIGN

DOOLEY  Little  **LEARNERS** **CENTER**

PRELIMINARY DESIGN

Emerson



BULLDOGS

PRELIMINARY DESIGN