

FACILITIES MANAGEMENT

Independent School District No. 709 Located at 101 East 3rd Street Mailing Address: 215 North 1st Avenue East Duluth, Minnesota 55802 Construction Management (218) 336-8907 Maintenance (218) 336-8906 Operations (218) 336-8909 Fax (218) 336-8909

Memorandum

То:	School Board Members	
From:	Kerry M. Leider	Lenny TV. Leid
Date:	January 31, 2011	

Re: Long-range Facilities Plan Change Order Approval Information

Pursuant to School Board Resolution #B-8-08-2565, the following Change Orders pertaining to the Long-range Facilities Plan were signed by Bill Hanson during the month of January:

Denfeld High School

Denfeld HS LRFP – Carpentry/General Construction

Change Order #6, Bid #1176, BP #3 (Contract #0610) – RJS Construction Group, LLC Change Order <u>increase</u> for concrete cutting for the mechanical shafts in area 6

<u>Add</u>: \$18,974.00

Denfeld HS LRFP – Plumbing & Heat Piping/HVAC/Temp Controls

Change Order #9, Bid #1176, BP #3 (Contract #2200/2301) – Shannon's, Inc. Change Order <u>increase</u> for boiler stack installation and duct revisions, concrete cutting, revisions to sink drain piping and under floor heat, and revisions to the existing sanitary lines

<u>Add</u>: \$21,179.00

All Change Orders for Denfeld High School as listed above reflect a total <u>increase</u> of \$40,153.00 and with this expense, the project remains within the overall budget district-wide.

Eastern High School

Eastern HS LRFP – Mechanical Equipment – Boilers and Accessories

Change Order #1, Bid #1167 (Bid Line #4) – Ryan Company, Inc. Change Order <u>decrease</u> to delete the combustion air PVC materials

Deduct: \$10,423.00

Eastern HS LRFP – Segmental Retaining Wall System

Change Order #2, Bid #1168 (Contract #3232) – Structures Hardscapes Specialists, Inc. Change Order <u>increase</u> for retaining wall #2 reconstruction and for soil corrections beneath the retaining wall #2 footing

<u>Add</u>: \$101,652.00

Eastern HS LRFP – Food Service Equipment

Change Order #2, Bid #1170 - Hockenbergs Food Service Equipment and Supply Change Order <u>increase</u> to modify and install stainless countertop at the Art room C208 and for concrete curb and tile to address an upset footing in the dry storage room D143

<u>Add</u>: \$650.00

Eastern HS LRFP – Demolition, Carpentry, Coiling and Overhead Doors

Change Order #5, Bid #1175, BP #4 (Contract #0241, #0610, #0833) – Lipe Brothers Construction, Inc.

Change Order <u>decrease</u> to delete the toilet room and office expansion in room C118 and C117, delete installation of casework at room C208 where stainless countertop was added and for modifications to accommodate greenhouse construction

Deduct: \$766.00

Eastern HS LRFP – CIP Concrete

Change Order #4, Bid #1175, BP #4 (Contract #0332) – Hanson Masonry and Concrete, LLC Change Order <u>increase</u> for modifications to accommodate greenhouse construction including a concrete slab with fiber reinforcement and duct floor penetration infill

<u>Add</u>: \$11,838.00

Eastern HS LRFP – Masonry

Change Order #5, Bid #1175, BP #4 (Contract #0420) – Harbor City Masonry, Inc. Change Order <u>increase</u> for modifications to accommodate greenhouse construction and to provide CMU wall on the inside edge of the upper portion of stair B1

<u>Add</u>: \$2,649.00

Eastern HS LRFP – Steel Supply

Change Order #11, Bid #1175, BP #4 (Contract #0512) – LeJeune Steel Company Change Order <u>increase</u> for structural changes to the toilet room layout

<u>Add</u>: \$2,431.00

Eastern HS LRFP – Aluminum Entrances/Storefronts/Windows/Glazing

Change Order #1, Bid #1175, BP #4 (Contract #0840) – Superior Glass, Inc. Change Order <u>decrease</u> for modifications to accommodate greenhouse construction

Deduct: \$670.00

Eastern HS LRFP – Drywall

Change Order #5, Bid #1175, BP #4 (Contract #0920) – RTL Construction, Inc. Change Order <u>decrease</u> to add/delete wall furring to accommodate electrical work, add framing for the exhaust slot hood at Art room C208, and for wall and framing modifications to accommodate greenhouse construction

<u>Deduct</u>: \$10,513.00

Eastern HS LRFP – Drywall

Change Order #6, Bid #1175, BP #4 (Contract #0920) – RTL Construction, Inc. Change Order <u>increase</u> to add wall and chase framing at the existing walls required for pipe routing and for auditorium stage area ductwork chase and proscenium framing revisions

<u>Add</u>: \$23,486.00

Eastern HS LRFP – Tile Work

Change Order #3, Bid #1175, BP #4 (Contract #0930) – Contract Tile and Carpet, LLC Change Order <u>decrease</u> for deletion of toilet room C118 and office expansion in C117

Deduct: \$2,079.00

Eastern HS LRFP – Painting/Wall Covering

Change Order #3, Bid #1175, BP #4 (Contract #0990) – Steinbrecher Painting, Inc. Change Order <u>increase</u> to provide extra paint for fireproofing on gym joists within 20' of bleachers per code requirements

<u>Add</u>: \$1,830.00

Eastern HS LRFP – Acoustical Ceilings/Panels

Change Order #2, Bid #1175, BP #4 (Contract #0950) – Twin City Acoustics, Inc. Change Order <u>decrease</u> to provide wall infill at E202 and E203, add gyp soffit at E227, provide gyp bulkheads/ceiling modifications at the 2nd floor Area D and for a revised Media Center area reflected ceiling plan

Deduct: \$4,090.00

Eastern HS LRFP – Miscellaneous Specialties - Supply

Change Order #1, Bid #1175, BP #4 (Contract #1000) – Kendell Doors and Hardware, Inc. Change Order <u>decrease</u> to delete a toilet room and office expansion and includes the deletion of the door and frame

Deduct: \$226.00

Eastern HS LRFP – Theater and Stage Equipment

Change Order #1, Bid #1175, BP #4 (Contract #1161) – Secoa Inc.

Change Order <u>decrease</u> for auditorium stage proscenium, curtain, rigging, equipment, and ductwork revisions and to delete projection screens from the contract

Deduct: \$157.00

Eastern HS LRFP – Casework - Supply

Change Order #2, Bid #1175, BP #4 (Contract #1230) – Haldeman-Homme, Inc. Change Order <u>decrease</u> to delete casework in room C208 in lieu of stainless steel countertop

<u>Deduct</u>: \$513.00

Eastern HS LRFP – Fire Protection

Change Order #2, Bid #1175, BP #4 (Contract #2100) – Viking Automatic Sprinkler Company Change Order <u>increase</u> to install sprinklers in both levels of the soffits in the Media Center

<u>Add</u>: \$10,950.00

Eastern HS LRFP – Plumbing and Heating Piping

Change Order #7, Bid #1175, BP #4 (Contract #2200) – El-Jay Plumbing and Heating, Inc. Change Order <u>increase</u> to delete toilet room C118 and the expansion of office C117, for modifications to accommodate greenhouse construction and to provide demolition of FTR at several rooms

<u>Add</u>: \$3,829.00

Eastern HS LRFP – Plumbing and Heating Piping

Change Order #8, Bid #1175, BP #4 (Contract #2200) – El-Jay Plumbing and Heating, Inc. Change Order <u>no cost</u> for additional coil piping installation, to drill and cap existing waste lines and floor drains, and to remove the drain installed above electrical equipment

Add: \$0.00 (This will be applied to the contractor's allowance)

Eastern HS LRFP – HVAC and Sheet Metal

Change Order #4, Bid #1175, BP #4 (Contract #2300) – McDowall Company Change Order <u>no cost</u> to provide an exhaust slot hood at Art room C208, for modifications to accommodate greenhouse construction and for fire/smoke damper and fire stop changes per code requirements

Add: \$0.00 (This will be applied to the contractor's allowance)

Eastern HS LRFP – HVAC and Sheet Metal

Change Order #5, Bid #1175, BP #4 (Contract #2300) – McDowall Company Change Order <u>no cost</u> for grease duct penetration steel support, culinary arts hood layout redesign and to replace combustion air PVC with aluminum spiral duct

Add: \$0.00 (This will be applied to the contractor's allowance)

Eastern HS LRFP – HVAC and Sheet Metal

Change Order #6, Bid #1175, BP #4 (Contract #2300) – McDowall Company Change Order <u>no cost</u> to demolish existing area E ductwork and replace with new insulated ducts

Add: \$0.00 (This will be applied to the contractor's allowance)

<u>Eastern HS LRFP – Electrical</u>

Change Order #9, Bid #1175, BP #4 (Contract #2600) – Belknap Electric, Inc. Change Order <u>decrease</u> to add an exhaust slot hood and stainless countertop at Art room C208 and provide future washer and dryer rough-in, which will be applied against the contractor's allowance and delete four outlets on the south wall of room C206

Deduct: \$609.00

<u>Eastern HS LRFP – Earthwork</u>

Change Order #3, Bid #1175, BP #4 (Contract #3123) – Veit and Company, Inc. Change Order <u>increase</u> for soil corrections beneath the concession building and retaining wall #2 footing

<u>Add</u>: \$10,145.00

All Change Orders for Eastern High School as listed above reflect a total <u>increase</u> of \$139,414.00 and with this expense, the project remains within the overall budget district-wide.

East Middle School

East MS LRFP – Structural Steel/Metal Fabrication - Supply

Change Order #10, Bid #1165, WS #5 – Harbor City Masonry, Inc. Change Order <u>increase</u> to notch precast and grout rebar into the masonry wall and to work overtime to finish the south masonry wall

<u>Add</u>: \$3,983.00

East MS LRFP – Roofing and Flashing/Mechanical

Change Order #14, Bid #1165, WS #11/29 – Thelen Heating and Roofing, Inc. Change Order <u>increase</u> to lay GAF ice and water shield strips over precast joists to prevent asphalt from seeping through over the pool roof and for floor drains and sanitary piping

<u>Add</u>: \$2,942.00

East MS LRFP – Finish Hardware, Hollow Metal Frames, Wood Doors - Supply

Change Order #6, Bid #1165, WS #13 – Northern Door and Hardware, Inc. Change Order <u>increase</u> to provide additional hardware for doors and revise hardware at doors 1130 and 1140

<u>Add</u>: \$16,201.00

East MS LRFP – Finish Hardware, Hollow Metal Frames, Wood Doors - Supply

Change Order #7, Bid #1165, WS #13 – Northern Door and Hardware, Inc. Change Order <u>increase</u> to add a door, frame and hardware due to City Code Review

<u>Add</u>: \$4,970.00

East MS LRFP – Drywall and Plaster

Change Order #6, Bid #1165, WS #16 – RTL Construction, Inc.

Change Order <u>increase</u> to build a 4' x 14' wall, install two hollow metal frames and spray fireproofing at steel locations

<u>Add</u>: \$10,499.00

East MS LRFP – Ceramic Tile

Change Order #3, Bid #1165, WS #17 – CD Tile and Stone, Inc. Change Order <u>increase</u> to provide additional safety markings and change the hardware group per City Code Review

<u>Add</u>: \$297.00

East MS LRFP – Miscellaneous Specialties - Supply

Change Order #3, Bid #1165, WS #23 – Kendell Doors and Hardware, Inc. Change Order <u>increase</u> to provide an accessible handicap symbol sticker to bleacher benches at two locations

<u>Add</u>: \$93.00

All Change Orders for East Middle School as listed above reflect a total <u>increase</u> of \$38,985.00 and with this expense, the project remains within the overall budget district-wide.

Laura MacArthur Elementary School

Laura MacArthur ES LRFP – Metal Doors/Frames/Wood Doors/Hardware - Supply

Change Order #3 Bid 1178, BP #4 (Contract #0810) – Northern Door and Hardware, Inc. Change Order <u>increase</u> to add eight (8) doors, frames and hardware

<u>Add</u>: \$6,850.00

Laura MacArthur ES LRFP – Plumbing and Heating Piping

Change Order #2 Bid 1178, BP #4 (Contract #2200) – Gorham Oien Mechanical, Inc. Change Order <u>no cost</u> to delete two balance valves, lower rough-ins for sinks, provide an additional sink and associated piping, and provide permanent plumbing connections for sump pits/monitoring wells

Add: \$0.00 (This will be applied to the contractor's allowance)

All Change Orders for Laura MacArthur School as listed above reflect a total <u>increase</u> of \$6,850.00 and with this expense, the project remains within the overall budget district-wide.

Lester Park Elementary School

Lester Park ES LRFP – Concrete

Change Order #7, Bid 1164, WS #3– Kelleher Construction Corporation Change Order <u>increase</u> to provide a low water concrete mix design for the slabs at elevation 114'8"

<u>Add</u>: \$2,146.00

Lester Park ES LRFP – Concrete

Change Order #8 Bid 1164, WS #3– Kelleher Construction Corporation Change Order <u>increase</u> to add 2' onto the footing and foundation wall on Grid 20

<u>Add</u>: \$1,103.00

Lester Park ES LRFP – Precast Concrete

Change Order #2 Bid 1164, WS #4 – Molin Concrete Products Company Change Order <u>increase</u> for filling precast plank cores at the stairs

<u>Add</u>: \$2,181.00

Lester Park ES LRFP – Sheet Metal Fabrication – Supply

Change Order #7, Bid 1164, WS #6 – Dynamic Structural Steel, LLC Change Order <u>increase</u> to provide ten additional joist support angles for the condenser units and to remake one beam with a pair of bolted clip angles at each end

<u>Add</u>: \$858.00

Lester Park ES LRFP – Sheet Metal Fabrication – Supply

Change Order #8, Bid 1164, WS #6 – Dynamic Structural Steel, LLC Change Order <u>increase</u> to remake one beam and add angle, channels and expansion anchors

<u>Add</u>: \$4,360.00

Lester Park ES LRFP – Steel Erection – Structural and Miscellaneous Metals

Change Order #3, Bid 1164, WS #7 – Northern Industrial Erectors, Inc. Change Order <u>increase</u> to cut off a beam and move it 2" so the precast can land on it

<u>Add</u>: \$135.00

Lester Park ES LRFP – Structural and Miscellaneous Metals

Change Order #4, Bid 1164, WS #7 – Northern Industrial Erectors, Inc. Change Order <u>increase</u> to modify the precast floor openings at the stairs

<u>Add</u>: \$4,696.00

Lester Park ES LRFP – Carpentry

Change Order #4, Bid 1164, WS #8 – Lipe Brothers Construction, Inc. Change Order <u>increase</u> due to clarification of the condenser curb requirements

<u>Add</u>: \$277.00

Lester Park ES LRFP – Drywall and Plaster

Change Order #4, Bid 1164, WS #15 – RTL Construction, Inc. Change Order <u>increase</u> to add 12-gauge "L" angle not on the structural plan and move the chase wall

<u>Add</u>: \$578.00

Lester Park ES LRFP – Painting

Change Order #1, Bid 1164, WS #21 – Northland painting of Duluth, Inc. Change Order <u>increase</u> for additional materials due to paint revisions

<u>Add</u>: \$792.00

Lester Park ES LRFP – Plumbing/HVAC/Temperature Controls

Change Order #5, Bid 1164, WS #31 – MD Mechanical, Inc. Change Order <u>increase</u> for floor drain additions and revisions

<u>Add</u>: \$2,601.00

Lester Park ES LRFP – Plumbing/HVAC/Temperature Controls

Change Order #6, Bid 1164, WS #31 – MD Mechanical, Inc. Change Order <u>increase</u> due to clarification of pipe configurations and sizes at coil connections, for omitting plumbing fixtures and for chiller and AHU storage

<u>Add</u>: \$17,453.00

All Change Orders for Lester Park School as listed above reflect a total <u>increase</u> of \$37,180.00 and with this expense, the project remains within the overall budget district-wide.

Piedmont Elementary School

<u>Piedmont LRFP – Precast Concrete</u>

Change Order #1, Bid 1183 (WS #4) – Hanson Structural Precast Midwest, Inc. Change Order <u>increase</u> to add plank and hangers and for overtime work to finish setting precast so the area could be paved

<u>Add</u>: \$2,177.00

Piedmont LRFP – Unit Masonry

Change Order #4, Bid 1183 (WS #5) – Harbor City Masonry, Inc. Change Order <u>increase</u> for revisions at the atrium stair and cafeteria doorway support

<u>Add</u>: \$5,101.00

Piedmont LRFP – Unit Masonry

Change Order #5, Bid 1183 (WS #5) – Harbor City Masonry, Inc. Change Order <u>increase</u> for overtime work related to rock removal scheduling delays

<u>Add</u>: \$36,330.00

<u>Piedmont LRFP – Structural Steel/ Metal Fabrication - Supply</u>

Change Order #7, Bid 1183 (WS #6) – Dynamic Structural Steel, LLC Change Order <u>increase</u> for revisions at the atrium stair and to modify lintels

<u>Add</u>: \$3,320.00

<u>Piedmont LRFP – Structural Steel/ Metal Fabrication - Supply</u>

Change Order #8, Bid 1183 (WS #6) – Dynamic Structural Steel, LLC Change Order <u>increase</u> for stair revisions and to add a 12-gauge plate to cover the column in the wall

<u>Add</u>: \$4,620.00

<u>Piedmont LRFP – Steel Erection – Structural and Metal Fabrications</u>

Change Order #5, Bid 1183 (WS #7) – Northern Industrial Erectors, Inc. Change Order <u>increase</u> for lintel revisions and installation of a steel plate

<u>Add</u>: \$3,583.00

<u>Piedmont LRFP – Drywall, Plaster and Stucco</u>

Change Order #1, Bid 1183 (WS #15) – Zintl, Inc. Change Order <u>increase</u> to construct a drywall bulkhead at the cafeteria doorway and for revisions at the atrium stairs

<u>Add</u>: \$730.00

<u> Piedmont LRFP – Tile Work</u>

Change Order #1, Bid 1183 (WS #16) – Superior Tile and Terrazzo, Inc. Change Order <u>increase</u> to install epoxy grout in Room 121

<u>Add</u>: \$2,220.00

<u> Piedmont LRFP – Painting</u>

Change Order #2, Bid 1183 (WS #21) – Steinbrecher Painting, Inc. Change Order <u>increase</u> to paint the drywall soffit at the cafeteria

<u>Add</u>: \$130.00

Piedmont LRFP – Painting

Change Order #3, Bid 1183 (WS #21) – Steinbrecher Painting, Inc. Change Order <u>increase</u> to paint the metal rail and miscellaneous metal

<u>Add</u>: \$290.00

Piedmont LRFP – Mechanical

Change Order #5, Bid 1183 (WS #31) – MD Mechanical, Inc. Change Order <u>increase</u> for clarification of piping at the coil connections to ERVU's and to adjust roof drain piping

<u>Add</u>: \$31,825.00

Piedmont LRFP – Mechanical

Change Order #6, Bid 1183 (WS #31) – MD Mechanical, Inc. Change Order <u>increase</u> for overtime work related to rock removal scheduling delays

<u>Add</u>: \$167.00

<u> Piedmont LRFP – Electrical</u>

Change Order #3, Bid 1183 (WS #32) – Electrical Systems, Inc. Change Order <u>increase</u> to change receptacles and to add a sump pump at the mechanical room B112

<u>Add</u>: \$2,166.00

<u>Piedmont LRFP – Electrical</u>

Change Order #4, Bid 1183 (WS #32) – Electrical Systems, Inc. Change Order <u>increase</u> for overtime work due to rock removal scheduling delays

<u>Add</u>: \$8,200.00

All Change Orders for Piedmont School as listed above reflect a total <u>increase</u> of \$100,859.00 and with this expense, the project remains within the overall budget district-wide.

Lincoln Park Middle School

Lincoln Park MS LRFP - Concrete

Change Order #1 Bid 1184, BP #2 (WS #3) – Kelleher Construction Corporation Change Order <u>increase</u> to extend insulation up to the brick ledge elevation and add three piers to Grid 13

<u>Add</u>: \$5,968.00

All Change Orders for Lincoln Park Middle School as listed above reflect a total <u>increase</u> of \$5,968.00 and with this expense, the project remains within the overall budget district-wide.

All project Change Orders listed on this report are available for review by School Board members upon request. If you wish to have copies of this information, please contact the Facilities Management Office.