

Meeting Agenda
Farmington High School Building Committee Meeting
FHS Library/ZOOM Webinar
Wednesday, July 20, 2022
5:00 P.M.

Please click the link below to access the webinar:

<https://us02web.zoom.us/j/86802788134>

Telephone Call in Information:

Dial: +1 312 626 6799

Webinar ID: 868 0278 8134

- A. Call to Order.
- B. Pledge of Allegiance.
- C. Public Comment.
- D. Minutes.
 - 1) To approve the attached July 6, 2022 minutes.
- E. Correspondence Received 7/1/2022 – 7/18/2022
 - 1) Julie Holt
 - 2) Cynthia LeGault
- F. Reports.
 - 1) Chair Report.
 - 2) Town Council Liaison Report.
 - 3) Board of Education Liaison Report.
 - 4) 1928 Building Committee Liaison Report.
 - 5) Owner's Representative Report.
 - 6) Architect Report.
 - 7) Construction Manager Report.
 - 8) Communications Subcommittee Report.
 - 9) Professional Partnership Subcommittee Report.
 - 10) Financial Report.

G. New Business.

- 1) To approve the following invoice package:

Name	Amount	Description
Russell and Dawson	\$22,800.00	Structural Steel Review Services
Innovative Engineering Services	\$2,470.00	Commissioning Services
O&G Industries	\$17,500.00	Professional Services FHS (June 2022)
O&G Industries	\$1,692.31	Professional Services Central Office (June 2022)
TSKP Studio	\$335,092.18	Professional Services FHS (June 2022)
TSKP Studio	\$12,200.00	Professional Services Central Office (June 2022)
Construction Solutions Group	\$22,597.00	Professional Services FHS (June 2022)
Construction Solutions Group	\$1,030.00	Professional Services Central Office (June 2022)

- 2) To approve final plans and project manual(s) as prepared for bidding and dated July 15, 2022 and the professional cost estimate dated July 15, 2022 for FHS State Project Numbers 052-0076N and 052-0077 BOE Phase 2 Construction.
- 3) To award a contract to Independent Materials Testing Laboratories, Inc. for on-call materials testing services for Phase 1 Early Enabling in the amount not to exceed \$5,000 under the State of Connecticut DAS Contract 19PSX0223.

H. Adjournment.

cc: Committee Members
Maureen Frink, Town Clerk
Interested Parties

MOTION:

Agenda Item D-1

To approve the attached July 6, 2022 minutes.

/Attachment

Meeting Minutes
Farmington High School Building Committee Meeting
FHS Library/ZOOM Webinar
Wednesday, July 6, 2022
5:00 P.M.

Attendees:

Meg Guerrera, Chair
Wendy Ku
Chris Fagan
Suraj Kurtakoti
Johnny Carrier
Sarah Healey (via ZOOM)
Michael Smith (via ZOOM)
Beth Kintner
Kathy Greider, Superintendent of Schools
Alicia Bowman, Asst. Superintendent of Finance & Operations (via ZOOM)
Sam Kilpatrick, Director of School Facilities
Kat Krajewski, Assistant Town Manager (via ZOOM)
Devon Aldave, Clerk of the Committee
Mark Garilli, Construction Solutions Group
Chris Cykley, Construction Solutions Group
Mike Small, Construction Solutions Group
Samantha D'Agostino, Construction Solutions Group (via ZOOM)
Ryszard Szczypek, TSKP Studio
Michael Scott, TSKP Studio
Lorel Purcell, O&G Industries
Nelson Reis, O&G Industries
Mark Jeffko, O&G Industries

A. Call to Order.

The meeting was called to order at 5:11 P.M.

B. Pledge of Allegiance.

The committee members recited the Pledge of Allegiance.

C. Public Comment.

None.

D. Minutes.

1) To approve the attached June 8, 2022 minutes.

Upon a motion made and seconded (Ku/Carrier) it was unanimously VOTED: to approve the June 8, 2022 minutes.

2) To approve the attached June 15, 2022 minutes.

Upon a motion made and seconded (Ku/Guerrera) it was unanimously VOTED: to approve the June 15, 2022 minutes.

E. Correspondence Received 6/14/2022 – 6/30/2022.

None.

F. Reports.

1) Chair Report.

No report.

2) Town Council Liaison Report.

No report.

3) Board of Education Liaison Report.

No report.

4) 1928 Building Committee Liaison Report.

Chris Fagan reported that the 1928 Building Committee issued and received responses for a Request for Qualifications for Architectural and Related Engineering Services for Schematic Design and Preparation of a Construction Cost Estimate for Renovations of the "1928 Building." The 1928 Building Committee will meet on July 12, 2022 to shortlist firms for interviews on July 26, 2022.

The committee will also review takeaways from stakeholder meetings with the Community & Recreational Services Department and the Probate Office at their next meeting.

5) Owner's Representative Report.

Mark Garilli stated that the work group met last week to review the cost estimate reconciliations and to work on the alternate and VE list. Mark stated that weekly specialty meetings are being held with the professional partners.

The professional partners have received feedback from Versteeg Associates (Code Review Services). The Professional Engineering Review and Structural Steel Reviews will be distributed to the design team in the coming weeks.

6) Architect Report.

Ryszard Szczypek stated that TSKP Studio continues to wrap up the Construction Documents which will be on the agenda for approval at the next meeting. TSKP Studio received the feedback from the Third-Party Code Review consultant and immediately distributed it to the design team. Ryszard stated that there was some lag time between the design set that Versteeg received and the most current design documents, so some of the feedback has already been addressed.

Ryszard stated that TSKP Studio received a permit approved from DEEP. The Office of the State Traffic Administration (OSTA) permit is far along in the process, but not approved yet.

7) Construction Manager Report.

Loel Purcell stated that there are no significant updates to the preconstruction schedule. Nelson Reis reported that a Phase I Construction Kickoff meeting was held. Site work will begin on Monday, July 11th for Phase I Early Enabling.

8) Communications Subcommittee Report.

Meg Guerrera reported that the Communications Subcommittee met prior to this meeting. Topics of discussion included website updates, the "Good Neighbor Flyer" which will be handed out to neighbors in the Highlands when site work begins next week and planning for a groundbreaking ceremony.

9) Professional Partnership Subcommittee Report.

No report.

10) Financial Report.

Devon Aldave presented the Financial Report which is recorded with these minutes as Attachment A.

G. New Business.

1) To approve the attached invoice from Tall Timbers Marketing in the amount of \$7,500.00.

Upon a motion made and seconded (Ku/Carrier) it was unanimously VOTED: to approve the invoice from Tall Timbers Marketing in the amount of \$7,500.00.

2) To accept the updated cost estimate and approve the updated VE list and alternate list as presented.

Mark Garilli reviewed the updated cost estimate, VE list, and alternate list. Mark Garilli also stated that he will update the grand VE list and share it with the committee.

Michael Smith thanked the professional partners and working group for their hard work during the VE process. He stated that Town leaders should begin a thoughtful dialogue regarding the fact that around \$10 million has been value engineered out of the project to remain under the construction budget even though the project has gained an additional \$14 million in reimbursement from the State of Connecticut. Johnny Carrier stated that the Town Staff and Town Council have begun discussing this internally. He also stated that any potential future overages are hypothetical at this point, until bids come in.

FHS Building Committee members came to a consensus to update the motion to include clarifying language regarding the tennis courts, which will be part of a separate bid package in an effort to reduce cost.

Upon a motion made and seconded (Ku/Carrier) it was unanimously VOTED: to amend the motion to read the following: To accept the updated cost estimate and approve the VE list with tennis courts as a separate bid package and alternate list as presented.

Upon a motion made and seconded (Ku/Carrier) it was unanimously VOTED: to accept the updated cost estimate and approve the VE list with tennis courts as a separate bid package and alternate list as presented.

H. Adjournment.

Upon a motion made and seconded (Carrier/Ku) it was unanimously VOTED: to adjourn at 6:56 P.M.

Respectfully Submitted,

Devon Aldave
Clerk of the Committee

Farmington High School Building Committee
Financial Report-July 6, 2022

Starting Account Balance 2016	\$500,000	Initial authorization for the FHS Building Committee in 2016
Remaining Balance from 2016 committee	\$266,007.00	Remaining balance from previous FHS committee approved at 9/10/19 Town Council Meeting
Appropriation from Town Council	\$199,000.00	approved at 9/10/19 Town Council Meeting
Transfer from Town Council	\$256,000.00	Council Meeting

Total Account Balance- Beginning 2018 \$721,007.00

Expenses from Ad Hoc Committees:

Amount	Description	
\$17,000	Community Survey	Contract

Expenses from this FHS Building Committee:

Amount	Description	
\$33.75	2 year website Domain- fhsbuildingproject.org	P-Card
\$27.90	2 year website Domain- fhsbuildingproject.com	P-Card
\$27.90	2 year website Domian- fhsbuildingproject.net	P-Card
\$432.00	wix website hosting	P-Card
	wix credit	Credit
\$369.66	hartford courant legal notice for Architect RFP	cu00254321
\$1,993.00	FHS Building Committee Intern (Summer Work)	
\$218.16	Square Space website hosting	P-Card
\$14,850.00	PT Help-- For Committee	Contract
\$15.94	Staples- Poster for 10/16 Community Input Meeting	P-Card
\$105.10	Highland park Market- Dinner for Interviews	P-Card
\$25.47	Staples Poster Boards for Communtiy Input Meeting	Staples Credit Card
\$276.90	Amazon- Supplies for Community Input Meeting	P-Card
\$132.75	Chartwells- Coffee/Tea for Communtiy Input Meeting	
\$112.50	Chartwells from 1/25 Community meeting	

Farmington High School Building Committee
Financial Report-July 6, 2022

\$596.00	Nutmeg TV Meetings 1/8, 1/15, 1/22	
\$1,198.00	Briarwood Printing- Postcard 8/2020	
\$2,941.34	USPS Postcard Mailing- 8/2020	
\$229.72	Square space website hosting- annual fee	P-Card
\$1,925.06	January Newsletter Postage 1/20/21	
\$224.19	Survey- Business Reply Postage 1/25/21	
\$383.52	Survey -Business Reply Postage 1/27/21	
\$191.76	Survey- Business Reply Postage 1/28/21	
\$62.04	Survey-Business Reply Postage 1/29/21	
\$269.31	Survey- Business Reply Postage 2/1/21	
\$60.63	Survey-Business Reply Postage 2/3/21	
\$36.66	Survey-Business Reply Postage 2/4/21	
\$169.89	Overnight Shipping to Survey Systems	
\$9.80	Survey- Business Reply Postage 2/5/21	
\$35.25	Survey-Business Reply Postage 2/5/21	
\$97.25	Overnight Shipping to Survey Systems	
		Additional reply postage received after survey deadline
\$318.66	Survey-Business Reply Postage- 2/9-2/24/21	
\$19.74	Survey -Business Reply Postage - 2/25/21-3/5/21	
\$4.23	Survey-Business Reply Postage- 3/11/21-3/17/21	
\$1,925.06	March Newsletter Postage- 3/25/2021	
\$110.06	Domain Name Registration -4/16/2021	
\$2,089.68	May Newsletter Postage-4/29/2021	
\$750.00	Tall Timbers Marketing-Additional Costs	
\$2,345.21	Explanatory Text Newsletter	
\$1,968.00	Briarwood Printing- Explanatory Text Newsletter	
\$23.24	Highland Park market	
\$229.72	Squarespace Annual hosting fee	
\$301.90	CM RFQ Legal Notice	
\$166.62	Olees Pizza- Food for CM Interviews	
\$291.48	hartford courant legal notice for Professional Engineering Services RFQ	
\$416.58	hartford courant legal notice for Commissioning Services RFQ	
\$1,978.87	Postage for FHSBC Newsletter	

Farmington High School Building Committee
 Financial Report-July 6, 2022

\$4,150.00 Tall Timber Marketing Invoice-5/25/2022
 \$1,978.61 Postage for FHSBC Newsletter- May 2022
 \$7,500.00 Tall Timbers Marketing Phase II Communication Plan

Total Expense: \$53,619.11
Current Account Balance \$650,387.89

<i>Professional Partners-Invoice (Part 1)</i>	<i>Amount Billed to Date</i>	<i>Total Contract Amount (Part 1)</i>	<i>Remaining Balance</i>
CSG Invoice	\$89,109.00	\$89,109.00	\$0.00
QA+M	\$47,000.00	\$47,000.00	\$0.00
TSKP Studio	\$120,000.00	\$120,000.00	\$0.00
<i>Professional Partners-Invoice (Part 2)</i>			
Center for Research and Public Policy	\$8,500.00	\$17,000.00	\$8,500.00
Tall Timbers Marketing	\$32,482.00	\$32,500.00	\$0.00
CSG	\$95,121.00	\$105,690.00	\$10,569.00
TSKP Studio	\$130,000.00	\$130,000.00	\$0.00
<i>Sustained Communications Plan</i>			
Tall Timbers Marketing	\$17,838.00	\$24,750.00	\$6,912.00
 <i>Total Invoices Approved to Date</i>		 <i>\$540,050.00</i>	

Updated Account Balance (with invoices) \$110,337.89

Remaining Balances
 Remaining Balances (see above) \$25,981.00

Total Remaining Balances \$25,981.00

Total On Hand \$84,356.89

Sent via form submission from [FHS building project](#)

Agenda Item E-1

Name: Julie Holt

Email: hltjules@sbcglobal.net

Subject: Changes to border/berm plan

Message: Hello: I am an abutting property owner to the high school on Knollwood Road. When this project was initially started I recall the presentations mentioning a large berm with trees would be built as a barrier between the new high school and parking lot and abutting property neighbors. In the June 2 Community Meeting it is mentioned that there will no longer be a berm but the trees that border the high school will remain. Is this correct? Can someone clarify what-the border will look like. I am especially interested in the border between the Knollwood homes and the new parking lot that will replace the baseball field. My main concern is the headlights of the cars and the light posts that will be erected in the new parking lot spilling over to yards and homes. Most of the current trees appear to be deciduous. There is not much of a tree barrier in winter. One reason mentioned for the berm at the beginning of the project was to manage the light issues. Will additional trees or barriers be erected for this purpose?

Sent via form submission from [FHS building project](#)

Agenda Item E-2

Name: Cynthia LeGault

Email: cynthialegault@yahoo.com

Subject: Solar panels

Message: School districts across the nation are installing solar panels and seeing surpluses in their budgets where they are able to increase teacher salaries and afford new technologies. I am hoping this will be a part of the plan for this new project.

FHS VALUE MANAGEMENT ITEMS- GRAND LIST 7-18-2022

ITEM	AREA	ACCEPTED /REJECTED /OPEN
<u>A. PRE-REFERENDUM</u>		
A1	A/E DESIGN FEE REDUCTION	ACCEPTED
A2	PROFESSIONAL FEE REDUCTION	ACCEPTED
A3	REMOVE DEMOLITION OF THE 1928 BUILDING	REJECTED
A4	REMOVE ANTIGRAFFITI SEALER	REJECTED
A5	DELETE VERTICAL ALUMINUM SUNSHADE	ACCEPTED
A6	DELETE PORTION OF WOOD ACCOUSTICAL TILE AT ATRUIM	ACCEPTED
A7	DELETE OTHER SIGNAGE/GRAPHICS	ACCEPTED
A8	MOTHBALL 1928 BUILDING	REJECTED
A9	RENOVATE 1928 BUILDING	REJECTED
A10	ADDITIONAL ENERGY SAVING INITIATIVES	REJECTED
A11	NET-ZERO PHYSICAL PLANT	REJECTED
A12	ROUTE 4 IMPROVEMENTS	REJECTED
A13	MOTORIZED PARTITION BETWEEN GYMS	REJECTED
A14	STONE IN LIEU OF MASONRY	REJECTED
A15	NEW SOFTBALL FIELD	REJECTED
A16	ADDITIONAL FURNITURE, FIXTURES, AND EEQUIPMENT / TECHNOLOGY ALLOWANCE	REJECTED
<u>B. SHELL</u>		
B1	ELIMINATE SPRAY INSULATION IN WALL CAVITY. PROVIDE FIBERGLASS BATT.	ACCEPTED
B2	DELETE SUBSTRATE BD AND VAPOR BARRIER AT ROOF.	ACCEPTED
B3	REDUCE SKYLIGHTS BY 500 SF	ACCEPTED
B4	REMOVE ONE HORIZONTAL SUNSHADE PER WINDOW.	ACCEPTED
B5	ELIMINATE MOISTURE VAPOR REDUCING ADMIXTURE FROM CONCRETE.	ACCEPTED
B6	USE CEMENT BOARD OR BRICK IN LIEU OF METAL WALL PANELS AT UPPER LEVEL	ACCEPTED
B7	USE DIRECT APPLIED FINISH SYSTEM FOR SOFFITS IN LIEU OF METAL PANEL	ACCEPTED
B8	REDUCE SIZE OF STAIR #1 AND INSERT BRICK FIRE RATED WALL TO REDUCE CURTAINWALL.	ACCEPTED
B9	REDUCE SIZE OF CANOPY FROM 1000 TO 500 SF	ACCEPTED
B10	ELIMINATE ROOF SCREENS AT ROOFTOP MECHANICAL UNITS AT EAST SIDE OF BUILDING.	REJECTED
B11	REDUCE CENTRAL COORIDOR AREA BY 1 FT WIDTH, ALL FLOORS	REJECTED

B12	REDUCE CLASSROOM AREA BY 1FT WIDTH, ALL FLOORS	REJECTED
B13	CHANGE ROOFING MATERIAL BACK FROM TPO TO EPDM	ACCEPTED
B14	ELIMINATE GUARD RAIL ON LANDING WALLS IN STAIRWELLS	ACCEPTED
B15	REDUCE SKYLIGHTS BY 20%	ACCEPTED
B16	ELIMINATE ROUND SKYLIGHTS AT HS GYM	ACCEPTED
B17	REDUCE OVERALL EXTER WALL GLASS BY 20% (SCOPE/LOCATION TBD)	ACCEPTED
B18	ADD MECHANICAL SCREENS (UNDER REVIEW IF NEEDED)	REJECTED
B19	ADD FOR OPERABLE WINDOWS PER TSKP MARKED UP DWGS (PREMIUM FROM FIXED)	ACCEPTED
B20	ELIMINATE IN IT'S ENTIRETY THE APPROX 8 FT HIGH MASONRY - VENTED SCREENING WALL AT THE WEIGHT ROOM & THEATER AREAS.	REJECTED
B21	ADD 6 FT HIGH EQUIP SCREEN AT WEIGHT ROOM & THEATER AREA IF REQUIRED BY OWNER.	REJECTED
B22	DELETE 420 SF OF SKYLIGHTS	ACCEPTED
B23	CHANGE CURTAIN WALL UNDER 12' HIGH TO STOREFRONT	ACCEPTED

C. INTERIOR

C1	AT LOBBIES AND CORRIDORS AND CAFETERIA, PROVIDE LINOLEUM TILE IN LIEU OF PORCELAIN TILE	ACCEPTED
C2	AT LOBBIES AND CORRIDORS AND CAFETERIA, PROVIDE VCT IN LIEU OF LINOLEUM TILE.	REJECTED
C3	IN LIEU OF WOOD CEILING AT CORRIDORS, PROVIDE ACT	ACCEPTED
C4	AT TOILET ROOMS REDUCE CERAMIC TILE TO 7'-0" ABOVE FINISH FLOOR.	ACCEPTED
C5	AT TOILET ROOMS, FURTHER REDUCE CERAMIC TILES TO WET WALLS ONLY.	ACCEPTED
C6	IN LIEU OF GROUND FACE BLOCK IN CORRIDORS, PROVIDE M43 PARTITION AND HIGH TRAFFIC WALL COVERING TO 5'-0" ABOVE THE FINISH FLOOR.	ACCEPTED
C7	IN LIEU OF GROUND FACE BLOCK IN GYM, PROVIDE PAINTED BLOCK.	ACCEPTED
C8	ELIMINATE DRYWALL AND ACT CEILING AT CAFETERIA. EXPOSE STRUCTURE AND PROVIDE ACOUSTICAL DECK	ACCEPTED
C9	REDUCE UNIT MASONRY IN GYM AND STAIRS BY 20% AND PROVIDE GWB WALL CONSTRUCTION. PROVIDE FIRE RATED M44 WALL AT STAIR ENCLOSURES.	ACCEPTED
C10	REDUCE ONE CATWALK IN AUDITORIUM.	ACCEPTED
C11	ELIMINATE GWB SOFFITS AT STAIRS	ACCEPTED
C12	REDUCE TWO ADDITIONAL CATWALKS AT AUDITORIUM. ONE CATWALK REMAINS OVER THE AUDIENCE.	ACCEPTED
C13	PROVIDE HM IN LIEU OF INTERIOR STOREFRONT AT CAFETERIA AND MEDIA CENTER.	ACCEPTED
C14	REDUCE INTUMESCENT PAINTING ALLOWANCE	ACCEPTED
C15	REDUCE NUMBER OF OPERABLE PARTITIONS BETWEEN CLASSROOMS TO TWO. ELIMINATE FOUR.	REJECTED
C16	REDUCE OVERALL INTERIOR GLASS AREA	ACCEPTED

C17	CHANGE LVT TO LOWER PRICED VCT IN CLASSROOMS, OFFICES, STORAGE	REJECTED
C18	REDUCE WALL TILE IN BATHROOMS TO 4 FT HIGH (*superseded by C.104.B)	REJECTED
C19	DELETE WALL TILE AT CMU, ADD EPOXY PAINT IN LOCKER ROOMS - HIGH SCHOOL & FIELD HOUSE	ACCEPTED
C20	ELIMINATE REMAINING BATHROOM WALL TILE	REJECTED
C21	ELIMINATE ADDITIONAL ELEVATOR (#3 WAS ADDED FROM SDE)	REJECTED
C22	REDUCE AREA/COST OF FINISHES ACOUSTICAL CEILING MUSIC ROOM BY 10%	REJECTED
C23	REPLACE TECTUM BLADES & BAFFLES WITH ACT 2X2 CLOUDS	ACCEPTED
C24	REPLACE HORIZONTAL SLIDING FIRE DOORS WITH FIXED FIRE RATED GLASS AND DOORS	REJECTED
C25	ADJUST SPRAY FIREPROOFING & INTUMESCENT ESTIMATE	ACCEPTED
C26	REDUCE LOCKERS BY 50% OR REDUCE SIZE FROM HALF TO QUARTER SIZE	REJECTED
C27	DELETE BUILT-IN CLOSET & UTILITY SHELVING	REJECTED
C28	DELETE BUILT-IN BOOKCASES AT CLASSROOM PERIMETER	REJECTED
C29	DELETE ELEVATOR # 3 IN AREA E, REPLACE WITH STORAGE CLOSET	ACCEPTED
C30	DELETE ENTRY GRILLES, MOVE TO FF&E	REJECTED
C31	REUSE PARTIAL FF&E, REDUCE FF&E/TECHNOLOGY BUDGET	ACCEPTED

D. SERVICES

D1	DELETE CHILLER SYSTEM AND REPLACE WITH ROOFTOP UNITS WITH PACKAGE SINGLE ZONE VAV UNITS WITH GAS REHEAT COILS. PACKAGED CONTROLS. SEE ENGINEER'S NARRATIVE FOR RTU SIZES/TYPES.	APPROVED
D2	REDUCE DUCTWORK BY USING PLENUM RETURN AT CLASSROOMS AND ADMINISTRATION AREAS.	ACCEPTED
D3	UPGRADE ALL WIRING IN PLENUM TO PLENUM RATED.	ACCEPTED
D4	ELIMINATE AIR CONDITIONING FROM EXISTING TEAM ROOMS IN 900 WING. RETAIN CEILINGS AND EXISTING DUCTWORKS. MINIMAL RENOVATION TO EXISTING TEAM ROOM.	ACCEPTED
D5	REDUCE GENERATOR TO 175 KW TO SUPPORT ONLY FIRE PUMP, FIRE ALARM, AND EMERGENCY LIGHTING.	REJECTED
D6	PROVIDE EXTERIOR CONNECTION POINT FOR LARGER, PORTABLE GENERATOR.	REJECTED
D7	RELOCATE ALL SERVER ROOMS TO AN ALTERNATE SITE, SUCH THAT NEW SERVER ROOMS ARE NOT CONSTRUCTED IN THIS PROJECT. REDUCE GSF BY 150 SF.	REJECTED
D8	ELECTRICAL PROVIDE ALUMINUM CONDUCTORS FOR ALL FEEDERS 100A AND LARGER.	ACCEPTED
D9	ELECTRICAL: PROVIDE SCREW SET FITTING IN LIEU OF COMPRESSION FITTINGS.	ACCEPTED
D10	ELECTRICAL: WITH APPROVAL FROM AHJ, PROVIDE FIRE ALARM MC CABLE IN LIEU OF CONDUIT.	ACCEPTED
D11	ELECTRICAL: PENDING OWNER'S INSURANCE AGENCY TERMS, ELIMINATE LIGHTNING PROTECTION.	ACCEPTED
D12	PLUMBING: USE PVC FOR VENT PIPING IN LIEU OF CAST IRON.	ACCEPTED
	PLUMBING: USE PP-R PIPING FOR HW, CW AND HWC PIPING IN LIEU OF COPPER.	REJECTED
	PLUMBING: POINT OF USE ACID NEUTRALIZATION IN LIEU OF A CENTRAL NEUTRALIZATION TANK AND PIPING.	ACCEPTED

D13	PLUMBING: BARRIER TYPE TRAP GUARDS IN LIEU OF ELECTRONIC TRAP PRIMERS.	ACCEPTED
D14	REDUCE GENERATOR SIZE FROM 1,750-kW TO 1,250-kW	REJECTED
D15	REVISE WING F HVAC SYSTEM PER KOHLER RONAN - HIGH SCHOOL FIELD HOUSE RENO	REJECTED
D16	REVISE WING F HVAC SYSTEM PER KOHLER RONAN - BOE CENTRAL OFFICE RENO REDUCE DUCTWORK BY USING PLENUM RETURN AT CLASSROOMS AND ADMINISTRATION AREAS.	REJECTED
D17	UPGRADE ALL WIRING IN PLENUM TO PLENUM RATED (D.1 from SDE VM) ELIMINATE AIR CONDITIONING FROM EXISTING TEAM ROOMS IN 900 WING. RETAIN CEILINGS AND EXISTING	REJECTED
D18	DUCTWORKS. MINIMAL RENOVATION TO EXISTING TEAM ROOM (D.2 from SDE VM)	ACCEPTED
D19	DELETE GENERATOR ONLY, LEAVE INFRASTRUCTURE	REJECTED
D20	REDUCE AUDIO VISUAL EQUIP., INCL. TESTING & COMMISSIONING-AUD., CAF. & GYM	REJECTED
D21	REDUCE THEATRICAL LIGHT FIXTURE SYSTEM TO APPROX. ONE HALF	REJECTED
D22	ALLOW DAIKIN TO BE LISTED AS AN ACCEPTABLE VENDOR FOR ROOF-TOP UNITS HVAC CONTRACTOR TO EXCLUDE ALL TEMPERATURE CONTROLS WORK, AND PROVIDE PRICES FOR	REJECTED
D23	ALTERNATE NO. ___ FOR THE VARIOUS LISTED CONTROLS VENDORS	REJECTED

E. EQUIPMENT AND FURNISHINGS

E1	PRESERVE ONE LOCKER FOR EACH STUDENT, BUT MAKE EACH LOCKER SMALLER. RESULTING LOCKER SIZE IS 18" H X 12" W X 12" D. PRESERVE ATHLETIC, KITCHEN AND ART/TECH LOCKERS.	ACCEPTED
E2	ELIMINATE BALANCE OF STUDENT LOCKERS. KEEP ATHLETIC, KITCHEN AND ART/TECH LOCKERS. USE COMPOSTABLE TRAYS IN LIEU OF PLASTIC TRAYS. ELIMINATE TRAY WASHING ROOM AND	REJECTED
E3	COLLECTION AREAS. REDUCE GSF BY 150 SF.	REJECTED
E4	REDUCE MISCELLANEOUS CASEWORK ALLOWANCE	ACCEPTED
E5	DEFER THEATRICAL LIGHTING FIXTURES FOR AUDITORIUM AND BLACKBOX THEATER. USE EXISTING FIXTURES AND PURCHASE ADDITIONAL FIXTURES OVER TIME.	REJECTED
E6	ELIMINATE THE CULINARY ARTS CLASSROOM, USE GENERAL CLASSROOM SPACE OR MEET AT TABLES AND CHAIRS WITHIN THE CULINARY ARTS LAB - REDUCE GSF BY 500 SF	ACCEPTED
E7	DEFER THE CULINARY ARTS LAB KITCHEN EQUIPMENT. PURCHASE ADDITIONAL EQUIPMENT OVER TIME.	REJECTED
E8	ALLOW FOR LESS COSTLY MANUFACTURER OF THEATRICAL LIGHTING FIXTURES.	ACCEPTED

F. SITEWORK

F1	REDUCE TREE COUNT BY 165 TREES.	ACCEPTED
F2	REDUCE PARKING COUNT TO 529 SPACES. (41 SPACES)	REJECTED
F3	ELIMINATE IRRIGATION AT BALL FIELD	REJECTED
F4	REDUCE RETAINING WALL BY REORIENTING TENNIS COURTS. MAINTAIN BALL FIELD ORIENTATION.	ACCEPTED
F5	REDUCE RETAINING WALL BY SUBTLE ADJUSTMENT TO ORIENTATION/LOCATION OF BALL FIELD.	REJECTED

F6	FURTHER REDUCE RETAINING WALLS BY MOVING THE BALL FIELD AND TENNIS COURTS OUT OF THE EXISTING SLOPE. REQUIRES THE DEMOLITION OF THE 1928 BUILDING.	REJECTED
F7	REDUCE UNIT PAVING BY 3,000 SF AND PROVIDE LAWN. CHANGE ONE HALF OF THE REMAINING PAVER AREAS TO CONCRETE.	ACCEPTED
F8	REDUCE THE TEMPORARY PARKING LOT TO 80 SPACES FROM 130 SPACES.	REJECTED
F9	ELIMINATE THE TRAFFIC CIRCLE.	ACCEPTED
F10	CHANGE HALF OF THE CONCRETE SIDEWALKS TO BITUMINOUS.	ACCEPTED
F11	ELIMINATE ALL GROUND COVER, RAIN GARDEN, AND PERENIAL PLANTINGS.	ACCEPTED
F12	REDUCE DEPTH OF PLANTING SOIL TO 12" DEPTH.	ACCEPTED
F13	REDUCE MULCH ALLOWANCE IN AREA OF FORMER BERM BY 50%.	ACCEPTED
F14	ELIMINATE PROPOSED TIMBER GUIDE RAIL AND INSTEAD PRESERVE THE EXISTING GUIDERAIL ALONG THE TOP OF THE SLOPE BETWEEN THE LIBRARY AND EXISTING BUILDING.	ACCEPTED
F15	REDUCE # OF UNDERGROUND STORM CHAMBERS BY 30%	ACCEPTED
F16	REDUCE NUMBER OF CATCHBASINS AND YARD DRAINS BY 20%. ALSO REDUCES INLET PROTECTION.	APPROVED
F17	RAISE THE ELEVATION OF THE GROUND FLOOR OF THE BUILDING TO REDUCE SOIL EXPORT IN PHASE 1. O&G TO ADVISE AS TO THE FINAL ELEVATION.	REJECTED
F18	CHANGE PAVERS TO CONCRETE	ACCEPTED
F19	REDUCE OVERALL CONC SIDEWALK AREA (20% SHOWN FOR REFERENCE)	REJECTED
F20	CHANGE CONC WALK TO BITUMINOUS (50% SHOWN FOR REFERENCE)	REJECTED
F21	REDUCE LANDSCAPE PLANTING ALLOWANCE (50% SHOWN FOR REFERENCE)	REJECTED
F22	REUSE EXISTING POST-TENSIONED TENNIS COURTS AND ELIMINATE REAR FIRE ACCESS.	REJECTED
F23	ELIMINATE BASEBALL FIELD WORK IN IT'S ENTIRERY INCL. CLEARING, EARTHWORK/CUT, IRRIGATION, SOD, DRAINAGE & SURFACE IMPROVEMENTS	ACCEPTED
F24	DELETE "REMOVAL OF TEMPORARY PARKING LOT"	REJECTED
F25	PROVIDE PRECAST AND INTEGRAL CONCRETE CURBING IN LIEU OF GRANITE CURBING	REJECTED
F26	REDUCE LANDSCAPING - SMALLER TREE CALIPER SIZE	ACCEPTED
F27	DELETE WIND SCREEN AT TENNIS COURT	ACCEPTED
F28	DELETE "REPLACE VEHICLE GATE WITH ELECTRONIC GATE" NOTE	ACCEPTED
F29	DELETE TIMBER BOARDWALK AT PRESS BOX	REJECTED
F30	PRICE TENNIS COURT AS SEPARATE BID PACKAGE	ACCEPTED

APPROVED ALTERNATES

- 1 ADD ONE EXTERIOR HORIZONTAL SHADE PER WINDOW
- 2 INSTALL PORCELAIN TILE IN LIEU OF LINOLEUM TILE
- 3 INSTALL WOOD CEILING IN LIEU OF ACT

- 4 ADD GWB SOFFIT IN STAIRWELLS UNDER STAIRS AND LANDINGS
- 5 INSTALL GROUND FACE CMU IN LIEU OF GYP BD PARTITION TYPE M43 WITH WALL COVERING
- 6 ADD FOR OPERABLE WINDOWS TO EXTERIOR CURTAIN WALL AND STOREFRONT ASSEMBLIES
- 7 CONSTRUCT A BALL FIELD IN LIEU OF A GRASSY FIELD
- 8 DELETE THE ABATEMENT AND DEMOLITION OF AREA G IN THE EXISTING HIGH SCHOOL PER THE DEMOLITION DRAWINGS
- 9 ADD OPERABLE WALL PARTITION BETWEEN GYMNASIUMS
- 10 ADD ELEVATOR NO. 3 IN AREA E

PENDING ALTERNATES

- 0 INSTALL NEW TENNIS COURTS IN DIFFERENT LOCATION REJECTED

- *** ACCEPTED items are items that have been accepted and result in a change to the base bid documents
- *** REJECTED items are items that were rejected and result in no change to the base bid documents
- *** OPEN items are items that the are under review
- *** ALTERNATE items are items identified to replace base bid items should the budget be in a position to afford them

MOTION:

Agenda Item G-1

To approve the following invoice package:

Name	Amount	Description
Russell and Dawson	\$22,800.00	Structural Steel Review Services
Innovative Engineering Services	\$2,470.00	Commissioning Services
O&G Industries	\$17,500.00	Professional Services FHS (June 2022)
O&G Industries	\$1,692.31	Professional Services Central Office (June 2022)
TSKP Studio	\$335,092.18	Professional Services FHS (June 2022)
TSKP Studio	\$12,200.00	Professional Services Central Office (June 2022)
Construction Solutions Group	\$22,597.00	Professional Services FHS (June 2022)
Construction Solutions Group	\$1,030.00	Professional Services Central Office (June 2022)

/Attachments

Russell and Dawson Inc.
 1111 Main Street,
 East Hartford,
 CT 06108

INVOICE

Phone # 860-289-1100

Date 7/12/2022 ✓

Invoice # 22072-i1

Project: Farmington High Sch...


Make your checks payable to:
 Russell and Dawson INC. We
 also accept AmEx, Visa, MC and
 Discover. To make a payment
 over the phone please call
 860-289-1100, Extension 103.

Bill To

Kathryn Krajewski ✓
 Town of Farmington
 1 Monteith Drive
 Farmington, CT 06032, USA

Customer Phone (860) 675-2369

Customer E-mail Krajewskik@farmington-ct.org

Item	Description	Earned	Amount Due
Arch/Eng	Farmington High School 10 Monteith Drive, Farmington, CT 06032 Project No. 052-0076M Total agreement amount : \$ 24,000.00 ✓ Structural Peer Review 	\$22,800.00	22,800.00 ✓

Balance Due \$22,800.00 ✓

Billing Inquiries?
 Call 860-289-1100

Tax ID
 83-1593659

Please note: All billings over fifteen (15) days past due will be subject to interest charges of 1.5% per month on the unpaid balance.



INNOVATIVE ENGINEERING
SERVICES, LLC
T 203.467.4370 - F 203.793.7729
www.iesllc.biz
33 North Plains Industrial Road
Wallingford, CT 06492

Town of Farmington ✓
One Monteith Drive
Farmington, CT 06032

June 22, 2022 ✓
Invoice No.: 16864

Professional Services For Period Ending 5/29/2022

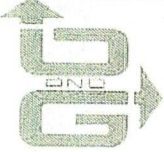
Project: 22054-01 Commissioning Services-Farmington High School 052-0076N ✓
e-mail invoices to markg@csgroup-llc.com

Professional Services

	Phase Fee	% Complete	Fee Earned	Prior Billing	Current Fee
Commissioning Plan	\$9,500.00	58.00	\$5,510.00	\$3,040.00	\$2,470.00
Mechanical & Electrical Submittal Review	\$5,200.00	0.00	\$0.00	\$0.00	\$0.00
Controls Software Review	\$3,200.00	0.00	\$0.00	\$0.00	\$0.00
Pre-functional Test Sheets, Development & Commissioning Logbooks	\$6,800.00	0.00	\$0.00	\$0.00	\$0.00
On-site Construction Observation/Meetings	\$32,000.00	0.00	\$0.00	\$0.00	\$0.00
Develop Function Test Procedures	\$7,500.00	0.00	\$0.00	\$0.00	\$0.00
Develop Commissioning Schedule	\$1,400.00	0.00	\$0.00	\$0.00	\$0.00
Preparation for Testing, Adjusting, and Balancing Work	\$2,750.00	0.00	\$0.00	\$0.00	\$0.00
Perform Functional Test Procedures & Document Results	\$22,000.00	0.00	\$0.00	\$0.00	\$0.00
Review Contractor's Operation & Maintenance	\$3,100.00	0.00	\$0.00	\$0.00	\$0.00
Provide Operation Staff Systems Training	\$2,300.00	0.00	\$0.00	\$0.00	\$0.00
Final Commissioning Report	\$4,800.00	0.00	\$0.00	\$0.00	\$0.00
Warranty Period Review	\$6,400.00	0.00	\$0.00	\$0.00	\$0.00
Subcontracted Balancing (TAB) Costs	\$118,800.00	0.00	\$0.00	\$0.00	\$0.00
Total Professional Services	\$225,750.00		\$5,510.00	\$3,040.00	\$2,470.00
Invoice Amount					\$2,470.00 ✓

MSS

INVOICE



O&G Industries, Inc.
 112 Wall Street
 Torrington, CT 06790-5464

T (860) 489-9261
 F (860) 496-4286
 www.ogind.com

Town of Farmington ✓
 Attn: Mark S. Garilli
 1137 Main Street
 East Hartford CT 6108

O&G Job No.		2013902
O&G FEIN		06-0479981
RE		Farmington Central Offices
INVOICE DATE	INVOICE NO.	CUSTOMER #
07/12/2022	7	409384

A FINANCE CHARGE WILL BE ADDED ON ALL BALANCES PAST DUE. THE FINANCE CHARGE IS COMPUTED BY A PERIODIC RATE OF 1.5% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18%

DATE	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	AMOUNT
6/1/2022 to 6/30/2022	1.00	Mo	Farmington Central Offices ✓ Preconstruction Services ✓ Balance to Finish	\$ 22,000.00 \$ 6,769.21	\$1,692.31 \$1,692.31

MSS

PLEASE NOTE:

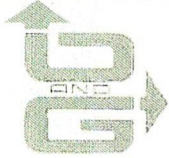
- PLEASE RETURN REMITTANCE COPY WITH PAYMENT. IF PAYMENT DOES NOT AGREE WITH INVOICED AMOUNT, PLEASE PROVIDE DETAILS OF ALL DIFFERENCES
- THE APPLICATION OF ALL PAYMENTS RECEIVED ON ACCOUNT SHALL BE AT THE DISCRETION OF O & G UNLESS THE CUSTOMER SPECIFICALLY IDENTIFIES THE INVOICE OR INVOICES TO WHICH THE PAYMENT APPLIES.
- UNLESS OTHERWISE NOTED, THIS INVOICE INCLUDES ALL APPLICABLE FEDERAL STATE AND LOCAL TAXES INCLUDING, BUT NOT LIMITED TO SALES AND USE TAX

TOTAL AMOUNT DUE \$1,692.31 ✓

PAY THIS AMOUNT

ORIGINAL INVOICE

INVOICE



O&G Industries, Inc.
 112 Wall Street
 Torrington, CT 06790-5464

T (860) 489-9261
 F (860) 496-4286
 www.ogind.com

Town of Farmington ✓
 Attn: Mark S. Garilli
 1137 Main Street
 East Hartford CT 6108

O&G Job No.	2013901	
O&G FEIN	06-0479981	
RE	Farmington High School	
INVOICE DATE	INVOICE NO.	CUSTOMER #
07/12/2022	8	409384

A FINANCE CHARGE WILL BE ADDED ON ALL BALANCES PAST DUE. THE FINANCE CHARGE IS COMPUTED BY A PERIODIC RATE OF 1.5% PER MONTH WHICH IS AN ANNUAL PERCENTAGE RATE OF 18%

DATE	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	AMOUNT
6/1/2022 to 6/30/2022 ✓	1.00	LS	Farmington High School ✓ Preconstruction Services ✓ Balance to Finish	\$ 227,500.00 \$ 70,000.00	\$17,500.00

M367

PLEASE NOTE:

- PLEASE RETURN REMITTANCE COPY WITH PAYMENT. IF PAYMENT DOES NOT AGREE WITH INVOICED AMOUNT. PLEASE PROVIDE DETAILS OF ALL DIFFERENCES
- THE APPLICATION OF ALL PAYMENTS RECEIVED ON ACCOUNT SHALL BE AT THE DISCRETION OF O & G UNLESS THE CUSTOMER SPECIFICALLY IDENTIFIES THE INVOICE OR INVOICES TO WHICH THE PAYMENT APPLIES
- UNLESS OTHERWISE NOTED, THIS INVOICE INCLUDES ALL APPLICABLE FEDERAL, STATE AND LOCAL TAXES INCLUDING, BUT NOT LIMITED TO SALES AND USE TAX

TOTAL AMOUNT DUE \$17,500.00 ✓

PAY THIS AMOUNT

ORIGINAL INVOICE



One Hartford Square West
 146 Wyllys Street, Bldg 1-203
 Hartford, CT 06106

INVOICE

Invoice Number: 190701-FHS-17
 Date: July 01, 2022 ✓
 Project Number: 190701-FHS

Town of Farmington ✓

Attn: Kathryn Krajewski, Assistant Town Manager
 1 Monteith Drive
 Farmington, CT 06032

Farmington High School ✓

For Professional Services Rendered Through: June 30, 2022 ✓

State Project No. 052-0076N

Fee for Basic Services is \$5,365,000. Contract is further adjusted by Amendments 2 & 3 to now reflect a total of \$5,577,929

Fee Services

	Contract Amount	Percent Complete	Fee Earned	Prior Billings	Current Billings
Conceptual Design	\$115,000.00	100.00	\$115,000.00	\$115,000.00	\$0.00
Schematic Design	\$125,000.00	100.00	\$125,000.00	\$125,000.00	\$0.00
Enhanced Schematic	\$585,000.00	100.00	\$585,000.00	\$585,000.00	\$0.00
Design Development	\$1,464,000.00	100.00	\$1,464,000.00	\$1,464,000.00	\$0.00
Construction Documents	\$1,464,000.00	80.00	\$1,171,200.00	\$878,400.00	\$292,800.00
Bidding	\$268,000.00	0.00	\$0.00	\$0.00	\$0.00
Construction Admin.	\$1,344,000.00	0.00	\$0.00	\$0.00	\$0.00
Amnd 2 Envir Consult	\$26,400.00	0.00	\$0.00	\$0.00	\$0.00
Amnd 2 Food Service	\$29,920.00	50.00	\$14,960.00	\$6,732.00	\$8,228.00
Amnd 2 Universal Cons	\$12,469.00	0.00	\$0.00	\$0.00	\$0.00
Amnd 2 Theater Des	\$37,400.00	50.00	\$18,700.00	\$2,805.00	\$15,895.00
Amnd 3 Early Site Pkg	\$106,740.00	74.29	\$79,297.15	\$61,127.97	\$18,169.18
	\$5,577,929.00		\$3,573,157.15	\$3,238,064.97	\$335,092.18 ✓

\$335,092.18

Invoice Total \$335,092.18 ✓



One Hartford Square West
 146 Wyllys Street, Bldg 1-203
 Hartford, CT 06106

INVOICE

Invoice Number: 211602-FPS-12 ✓
 Date: July 01, 2022 ✓
 Project Number: 211602-FPS

Town of Farmington

Attn: Kathryn Krajewski, Assistant Town Manager ✓
 1 Monteith Drive
 Farmington, CT 06032

Farmington Public Schools - Central Office ✓

For Professional Services Rendered Through: June 30, 2022 ✓

State Project No. 052-0077BE

Fee for Basic Services is a lump sum of \$225,000 as adjusted by Amendment Number 001.

Fee Services

	Contract Amount	Percent Complete	Fee Earned	Prior Billings	Current Billings
Conceptual Design	\$5,000.00	100.00	\$5,000.00	\$5,000.00	\$0.00
Schematic Design	\$5,000.00	100.00	\$5,000.00	\$5,000.00	\$0.00
Enhanced Schematic	\$25,000.00	100.00	\$25,000.00	\$25,000.00	\$0.00
Design Development	\$61,000.00	100.00	\$61,000.00	\$61,000.00	\$0.00
Construction Documents	\$61,000.00	80.00	\$48,800.00	\$36,600.00	\$12,200.00
Bidding	\$12,000.00	0.00	\$0.00	\$0.00	\$0.00
Construction Admin.	\$56,000.00	0.00	\$0.00	\$0.00	\$0.00
	\$225,000.00		\$144,800.00	\$132,600.00	\$12,200.00 ✓

\$12,200.00

Invoice Total

\$12,200.00 ✓

MKS



CONSTRUCTION SOLUTIONS GROUP

Invoice Date: July 6, 2022
Invoice No: 20

To: Town of Farmington, CT
1 Monteith Drive
Farmington, CT 06032

From: Construction Solutions Group, LLC
P.O. Box 271860
West Hartford, CT 06127

Re: Farmington High School
10 Monteith Drive
Farmington, CT 06032

For Professional Services Rendered for June 2022

Phase Description	Scheduled Value	Percent Complete	Earned	Prior Billings	This Invoice	Balance to Bill
Owner's Representative						
Part 1 - Conceptual Option	\$89,109.00	100%	\$89,109.00	\$89,109.00	\$0.00	\$0.00
Part 2 - Pre-Referendum	\$105,690.00	100%	\$105,690.00	\$105,690.00	\$0.00	\$0.00
Part 2 - Pre-Referendum CREDIT	(\$31,707.00)	-100%	\$31,707.00	\$31,707.00	\$0.00	\$0.00
Part 3 - Construction Administration	\$1,084,647.00	25%	\$271,164.00	\$248,567.00	\$22,597.00	\$813,483.00
Reimbursables			\$0.00	\$0.00	\$0.00	\$0.00
Subtotal	\$1,247,739.00		\$497,670.00	\$475,073.00	\$22,597.00	\$813,483.00
Total contract	<u>\$1,247,739.00</u>		<u>\$497,670.00</u>	<u>\$475,073.00</u>	<u>\$22,597.00</u>	<u>\$813,483.00</u>

Approved for invoicing:



CONSTRUCTION SOLUTIONS GROUP

Invoice Date: July 6, 2022
Invoice No: 12

To: Town of Farmington, CT
1 Monteith Drive
Farmington, CT 06032

From: Construction Solutions Group, LLC
P.O. Box 271860
West Hartford, CT 06127

Re: Central Office
10 Monteith Drive
Farmington, CT 06032

For Professional Services Rendered for June 2022

Phase Description	Scheduled Value	Percent Complete	Earned	Prior Billings	This Invoice	Balance to Bill
Owner's Representative						
Part 1 - Conceptual Option	\$0.00	0%	\$0.00	\$0.00	\$0.00	\$0.00
Part 2 - Pre-Referendum	\$0.00	0%	\$0.00	\$0.00	\$0.00	\$0.00
Part 2 - Pre-Referendum CREDIT	\$0.00	0%	\$0.00	\$0.00	\$0.00	\$0.00
Part 3 - Construction Administration	\$49,446.00	25%	\$12,360.00	\$11,330.00	\$1,030.00	\$37,086.00
Reimbursables			\$0.00	\$0.00	\$0.00	\$0.00
Subtotal	\$49,446.00		\$12,360.00	\$11,330.00	\$1,030.00	\$37,086.00
Total contract	\$49,446.00		\$12,360.00	\$11,330.00	\$1,030.00	\$37,086.00

Approved for invoicing:

MOTION:

Agenda Item G-2

To approve final plans and project manual(s) as prepared for bidding and dated July 15, 2022 and the professional cost estimate dated July 15, 2022 for FHS State Project Numbers 052-0076N and 052-0077 BOE Phase 2 Construction.

Plans and Specifications:

https://drive.google.com/drive/folders/1r9a5HFaCZ_D8vP7u2irsiGyYvIbz2XTQ?usp=sharing

Paper copies of each of these documents are available in the Farmington Town Manager's Office.

/Attachment



Connecticut Department of
Administrative Services
Office of School Construction on Grants
Public School Construction Cost
Database

PCR: Construction Document Estimate

State Project #	052-0076N		
LEA	Farmington		
School Name	Farmington High School		
Project Type	New		
Square Footage of Construction	255,640		
Grades	9-12		
Enrollment Projections	1404		
Reimbursement Rate	30.00	Cost/Square Feet	Ineligible Costs
Project Cost	\$112,582,791	of Project \$440.40 Costs	Project Ineligible Costs \$1,848,443.00
All Soft Cost	\$15,716,973.74		Ineligible Soft Costs \$309,722.55
Construction Costs	\$96,865,817.26	of Construction \$378.91 Costs	Ineligible Construction Costs \$1,538,720.45
Eligible Construction Costs	\$95,327,096.81	of Eligible \$372.90 Costs	

Construction Cost		Cost	Ineligibles	
A. SUBSTRUCTURE	A10. Foundations	A1010. Standard Foundations	1,722,255.52	0.00
		A1020. Special Foundations	0.00	0.00
		A1030. Slab on Grade	961,898.17	0.00
	A20 . Basements	A2010. Basement Excavation	0.00	0.00
		A2020. Basement Walls	0.00	0.00

Construction Cost			Cost	Ineligibles	
B.SHELL	B10. Super Structure	B1010. Floor Construction	1,564,649.74	0.00	
		B1020. Roof Construction	1,120,020.19	0.00	
	B20. Exterior Enclosures	B2010. Exterior Walls	14,175,265.29	0.00	
		B2020. Exterior Windows	3,850,664.00	0.00	
		B2030. Exterior Doors	32,880.00	0.00	
	B30. Roofing	B3010. Roof Coverings	4,262,939.10	0.00	
		B3020. Roof Openings	0.00	0.00	
	C. INTERIORS	C10. Interior Construction	C1010. Partitions	7,590,365.53	0.00
C1020. Interior Doors			2,682,087.98	0.00	
C1030. Fittings			1,187,806.50	0.00	
C20. Stairs		C2010. Stair Construction	901,938.62	0.00	
		C2020. Stair Finishes	244,417.80	0.00	
C30. Interior Finishes		C3010. Wall Finishes	1,148,443.87	0.00	
		C3020. Floor Finishes	2,578,646.23	0.00	
		C3030. Ceiling Finishes	2,305,607.31	0.00	
D. SERVICES		D10. Conveying	D1010. Elevators & Lifts	313,625.00	0.00
			D1020. Escalators & Moving Walks	787,371.20	0.00
	D1090. Other Conveying Systems		0.00	0.00	
	D20. Plumbing	D2010. Plumbing Fixtures	0.00	0.00	
		D2020. Domestic Water Distribution	1,965,194.80	0.00	
		D2030. Sanitary Waste	1,013,848.40	0.00	
		D2040. Rain Water Drainage	721,356.00	0.00	
		D2090. Other Plumbing Systems	795,762.80	0.00	
		D30. HVAC	D3010. Energy Supply	0.00	0.00
	D3020. Heat Generating Systems	2,339,106.00	0.00		
	D3030. Cooling Generating Systems	140,602.00	0.00		

Construction Cost			Cost	Ineligibles
		D3040. Distribution Systems	7,880,140.40	0.00
		D3050. Terminal & Package Units	0.00	0.00
		D3060. Controls & Instrumentation	1,636,096.00	0.00
		D3070. Systems Testing &	204,512.00	0.00
		D3090. Other HVAC systems	1,559,404.00	0.00
	D40. Fire Protection	D4010. Sprinklers	1,353,213.60	0.00
		D4020. Standpipes	0.00	0.00
		D4030. Fire Protection Specialties	14,805.00	0.00
		D4090. Other Fire Protection Systems	0.00	0.00
	D50. Electrical	D5010. Electrical Service & Distribution	2,078,823.00	0.00
		D5020. Lighting and Branch Wiring	3,497,155.20	0.00
		D5030. Communications &	3,907,544.87	0.00
		D5090. Other Electrical Systems	306,768.00	0.00
E. EQUIPMENT & FURNISHINGS	E10. Equipment	E1010. Commercial	0.00	0.00
		E1020. Institutional Equipment	418,542.00	0.00
		E1030. Vehicular Equipment (Bldg. fixed)	5,793.00	0.00
		E1090. Other Equipment	1,688,387.00	0.00
	E20. Furnishings	E2010. Fixed Furnishings	3,274,380.50	0.00
F. SPECIAL CONSTRUCTION AND DEMOLITION	F10. Special Construction	F1010. Special Structures	0.00	0.00
		F1020. Integrated Construction	0.00	0.00
		F1030. Special Construction Systems	0.00	0.00
		F1040. Special Facilities	0.00	0.00
		F1050. Special Controls & Instrumentation	0.00	0.00

Construction Cost			Cost	Ineligibles
	F20. Selective Building Demolition	F2010. Building Elements Demolition	1,192,405.60	0.00
	F30. Abatement	F3010. PCB/Asbestos/Lead Abatement	1,097,129.03	0.00
X. GENERAL CONDITIONS, OFFICE OVERHEAD, & PROFIT	X10. General Conditions	X1010. General Conditions	3,465,505.34	0.00
	X20. Overhead & Profit	X2020. Office Overhead & Profit	7,339,740.21	0.00
		X2030. Trade Contractor Bond Costs	0.00	0.00
Z. ALLOWANCES	Z10. Design Contingency	Z10. Design Contingency	0.00	0.00
	Z20. Inflation (Escalation) Allowance	Z20. Inflation (Escalation) Allowance	1,538,720.45	1,538,720.45
	Z30. Construction Contingency	Z30. Construction Contingency	0.00	0.00
Soft Cost			Cost	Ineligibles
G. SITEWORK (beyond 5 ft. from Building)	G1010. Site Clearing		189,373.99	0.00
	G1020. Site Demolition & Relocation		695,786.42	0.00
	G1030. Site Earthwork		1,968,074.79	0.00
	G1040. Hazardous Waste Remediation		0.00	0.00
	G2010 Roadways		0.00	0.00
	G2020. Parking		2,458,562.00	0.00
	G2030. Pedestrian Paving		1,649,434.47	20,000.00
	G2040. Site Development		474,965.59	0.00
	G2045. Athletic Fields		1,103,210.25	0.00
	G2050. Landscaping		729,922.23	0.00
	G3010. Water Supply		255,334.31	0.00
	G3020. Sanitary Sewer		179,151.89	0.00
	G3030. Storm Sewer		1,245,951.04	0.00
	G3040. Heating Distribution		212,843.46	0.00
	G3050. Cooling Distribution		0.00	0.00
	G3060. Fuel Distribution		0.00	0.00
	G3090. Other Site Mechanical Utilities		0.00	0.00
G4010. Electrical Distribution		0.00	0.00	

Construction Cost		Cost	Ineligibles
	G4020. Site Lighting	562,408.00	0.00
	G4030. Site Communications & Security	0.00	0.00
	G4090. Other Site Electrical Utilities	1,667,735.00	0.00
	G9010. Service & Pedestrian	0.00	0.00
	G9020. Bleachers, Concession Stands, etc.	0.00	0.00
	G9090. Other Site Systems	0.00	0.00
	G3070. Construction Contingency	0.00	0.00
Y. SITE GENERAL CONDITIONS, OFFICE OVERHEAD, PROFIT, & ALLOWANCES	Y1010. Site General Conditions	652,512.97	0.00
	Y2010. Site Overhead & Profit	1,381,984.79	0.00
	Y3010. Site Design Contingency	0.00	0.00
	Y4010. Site Inflation (Escalation) Allowance	289,722.55	289,722.55
	Y5010. Trade Contractor Bond Costs	0.00	0.00
R. CONSULTANTS	R1010. Architect/Engineer	0.00	0.00
	R2010. Environmental	0.00	0.00
	R3010. Commissioning	0.00	0.00
	R4010. Geotechnical	0.00	0.00
	R5010. Cost Estimator	0.00	0.00
	R6010. Owners Rep	0.00	0.00
	R7010. CM Pre-Construction	0.00	0.00
	R8010. FF&E Coordinator	0.00	0.00
	R9010. Legal	0.00	0.00
S. FF&E	S1010. FF&E	0.00	0.00
	S2010. Technology	0.00	0.00
	S3010. Playground Equipment	0.00	0.00
	S4010. Playground Surfacing	0.00	0.00
	S5010. Moving	0.00	0.00
T. FEES	T1010. District Bonding Fees	0.00	0.00
	T2010. Insurance Cost	0.00	0.00
	T3010. Town Staff Cost	0.00	0.00
	T4010. Town Permit Fees	0.00	0.00

Construction Cost		Cost	Ineligibles
	T5010. State Permit Fees	0.00	0.00
	T6010. Testing/Inspection Fees	0.00	0.00
	T7010. Printing & Mailing	0.00	0.00
	T8010. Other Costs	0.00	0.00
U. CONTINGENCIES	U1010. Owner Contingency	0.00	0.00
W. ACQUISITION COSTS W	W1010. Land/Building Purchase	0.00	0.00
	W2010. Swing Space/Portables	0.00	0.00
	W3010. Site Remediation	0.00	0.00
	W4010. Appraisals	0.00	0.00
	W5010. Land Survey	0.00	0.00
	W6010. Other Acquisition Costs	0.00	0.00



Connecticut Department of
Administrative Services
Office of School Construction on Grants
Public School Construction Cost
Database

PCR: Construction Document Estimate

State Project #	052-0077BE		
LEA	Farmington		
School Name	FPS - Central Office		
Project Type	Renovagte		
Square Footage of Construction	12,880		
Grades	0		
Enrollment Projections	0		
Reimbursement Rate	30.00	Cost/Square Feet	Ineligible Costs
Project Cost	\$3,017,239	of Project \$234.26 Costs	Project Ineligible Costs \$47,220.00
All Soft Cost	\$277,863.80		Ineligible Soft Costs \$4,673.89
Construction Costs	\$2,739,375.20	of Construction \$212.68 Costs	Ineligible Construction Costs \$42,546.11
Eligible Construction Costs	\$2,696,829.10	of Eligible \$209.38 Costs	

Construction Cost			Cost	Ineligibles
A. SUBSTRUCTURE	A10. Foundations	A1010. Standard Foundations	4,733.80	0.00
		A1020. Special Foundations	0.00	0.00
		A1030. Slab on Grade	1,228.40	0.00
	A20 . Basements	A2010. Basement Excavation	0.00	0.00
		A2020. Basement Walls	0.00	0.00

Construction Cost			Cost	Ineligibles
B.SHELL	B10. Super Structure	B1010. Floor Construction	0.00	0.00
		B1020. Roof Construction	770.00	0.00
	B20. Exterior Enclosures	B2010. Exterior Walls	46,115.40	0.00
		B2020. Exterior Windows	73,323.00	0.00
		B2030. Exterior Doors	0.00	0.00
	B30. Roofing	B3010. Roof Coverings	283,360.00	0.00
		B3020. Roof Openings	0.00	0.00
	C. INTERIORS	C10. Interior Construction	C1010. Partitions	222,913.82
C1020. Interior Doors			115,987.50	0.00
C1030. Fittings			38,883.00	0.00
C20. Stairs		C2010. Stair Construction	0.00	0.00
		C2020. Stair Finishes	0.00	0.00
C30. Interior Finishes		C3010. Wall Finishes	39,411.60	0.00
		C3020. Floor Finishes	66,699.09	0.00
		C3030. Ceiling Finishes	72,470.76	0.00
D. SERVICES		D10. Conveying	D1010. Elevators & Lifts	0.00
	D1020. Escalators & Moving Walks		0.00	0.00
	D1090. Other Conveying Systems		0.00	0.00
	D20. Plumbing	D2010. Plumbing Fixtures	2,318.40	0.00
		D2020. Domestic Water Distribution	3,477.60	0.00
		D2030. Sanitary Waste	4,508.00	0.00
		D2040. Rain Water Drainage	10,304.00	0.00
		D2090. Other Plumbing Systems	6,440.00	0.00
		D30. HVAC	D3010. Energy Supply	0.00
	D3020. Heat Generating Systems	106,904.00	0.00	
	D3030. Cooling Generating Systems	122,360.00	0.00	

Construction Cost			Cost	Ineligibles
		D3040. Distribution Systems	147,476.00	0.00
		D3050. Terminal & Package Units	19,320.00	0.00
		D3060. Controls & Instrumentation	49,588.00	0.00
		D3070. Systems Testing &	11,592.00	0.00
		D3090. Other HVAC systems	57,960.00	0.00
	D40. Fire Protection	D4010. Sprinklers	41,216.00	0.00
		D4020. Standpipes	0.00	0.00
		D4030. Fire Protection Specialties	225.00	0.00
		D4090. Other Fire Protection Systems	0.00	0.00
	D50. Electrical	D5010. Electrical Service & Distribution	58,088.80	0.00
		D5020. Lighting and Branch Wiring	226,688.00	0.00
		D5030. Communications &	125,580.00	0.00
		D5090. Other Electrical Systems	17,903.20	0.00
E. EQUIPMENT & FURNISHINGS	E10. Equipment	E1010. Commercial	0.00	0.00
		E1020. Institutional Equipment	0.00	0.00
		E1030. Vehicular Equipment (Bldg. fixed)	0.00	0.00
		E1090. Other Equipment	2,300.00	0.00
	E20. Furnishings	E2010. Fixed Furnishings	26,003.50	0.00
F. SPECIAL CONSTRUCTION AND DEMOLITION	F10. Special Construction	F1010. Special Structures	0.00	0.00
		F1020. Integrated Construction	0.00	0.00
		F1030. Special Construction Systems	0.00	0.00
		F1040. Special Facilities	0.00	0.00
		F1050. Special Controls & Instrumentation	0.00	0.00

Construction Cost			Cost	Ineligibles
	F20. Selective Building Demolition	F2010. Building Elements Demolition	115,470.00	0.00
	F30. Abatement	F3010. PCB/Asbestos/Lead Abatement	0.00	0.00
X. GENERAL CONDITIONS, OFFICE OVERHEAD, & PROFIT	X10. General Conditions	X1010. General Conditions	274,815.06	0.00
	X20. Overhead & Profit	X2020. Office Overhead & Profit	300,395.17	0.00
		X2030. Trade Contractor Bond Costs	0.00	0.00
Z. ALLOWANCES	Z10. Design Contingency	Z10. Design Contingency	0.00	0.00
	Z20. Inflation (Escalation) Allowance	Z20. Inflation (Escalation) Allowance	42,546.11	42,546.11
	Z30. Construction Contingency	Z30. Construction Contingency	0.00	0.00
Soft Cost			Cost	Ineligibles
G. SITEWORK (beyond 5 ft. from Building)	G1010. Site Clearing		1,380.75	0.00
	G1020. Site Demolition & Relocation		6,027.70	0.00
	G1030. Site Earthwork		19,799.29	0.00
	G1040. Hazardous Waste Remediation		0.00	0.00
	G2010 Roadways		0.00	0.00
	G2020. Parking		40,758.54	0.00
	G2030. Pedestrian Paving		86,774.40	0.00
	G2040. Site Development		2,011.98	0.00
	G2045. Athletic Fields		0.00	0.00
	G2050. Landscaping		29,355.91	0.00
	G3010. Water Supply		1,239.20	0.00
	G3020. Sanitary Sewer		3,380.67	0.00
	G3030. Storm Sewer		15,791.90	0.00
	G3040. Heating Distribution		0.00	0.00
	G3050. Cooling Distribution		0.00	0.00
	G3060. Fuel Distribution		0.00	0.00
	G3090. Other Site Mechanical Utilities		0.00	0.00
	G4010. Electrical Distribution		3,480.00	0.00

Construction Cost		Cost	Ineligibles
	G4020. Site Lighting	0.00	0.00
	G4030. Site Communications & Security	0.00	0.00
	G4090. Other Site Electrical Utilities	0.00	0.00
	G9010. Service & Pedestrian	0.00	0.00
	G9020. Bleachers, Concession Stands, etc.	0.00	0.00
	G9090. Other Site Systems	0.00	0.00
	G3070. Construction Contingency	0.00	0.00
Y. SITE GENERAL CONDITIONS, OFFICE OVERHEAD, PROFIT, & ALLOWANCES	Y1010. Site General Conditions	30,189.73	0.00
	Y2010. Site Overhead & Profit	32,999.83	0.00
	Y3010. Site Design Contingency	0.00	0.00
	Y4010. Site Inflation (Escalation) Allowance	4,673.89	4,673.89
	Y5010. Trade Contractor Bond Costs	0.00	0.00
R. CONSULTANTS	R1010. Architect/Engineer	0.00	0.00
	R2010. Environmental	0.00	0.00
	R3010. Commissioning	0.00	0.00
	R4010. Geotechnical	0.00	0.00
	R5010. Cost Estimator	0.00	0.00
	R6010. Owners Rep	0.00	0.00
	R7010. CM Pre-Construction	0.00	0.00
	R8010. FF&E Coordinator	0.00	0.00
	R9010. Legal	0.00	0.00
S. FF&E	S1010. FF&E	0.00	0.00
	S2010. Technology	0.00	0.00
	S3010. Playground Equipment	0.00	0.00
	S4010. Playground Surfacing	0.00	0.00
	S5010. Moving	0.00	0.00
T. FEES	T1010. District Bonding Fees	0.00	0.00
	T2010. Insurance Cost	0.00	0.00
	T3010. Town Staff Cost	0.00	0.00
	T4010. Town Permit Fees	0.00	0.00

Construction Cost		Cost	Ineligibles
	T5010. State Permit Fees	0.00	0.00
	T6010. Testing/Inspection Fees	0.00	0.00
	T7010. Printing & Mailing	0.00	0.00
	T8010. Other Costs	0.00	0.00
U. CONTINGENCIES	U1010. Owner Contingency	0.00	0.00
W. ACQUISITION COSTS W	W1010. Land/Building Purchase	0.00	0.00
	W2010. Swing Space/Portables	0.00	0.00
	W3010. Site Remediation	0.00	0.00
	W4010. Appraisals	0.00	0.00
	W5010. Land Survey	0.00	0.00
	W6010. Other Acquisition Costs	0.00	0.00

MOTION:

Agenda Item G-3

To award a contract to Independent Materials Testing Laboratories, Inc. for on-call materials testing services for Phase 1 Early Enabling in the amount not to exceed \$5,000 under the State of Connecticut DAS Contract 19PSX0223.

/Attachment



FARMINGTON HIGH SCHOOL, PHASE 1

DAS Contract 19PSX0223

June 28, 2022

Ms. Kathryn Krajewski
Assistant Town Manager
Town of Farmington
10 Monteith Drive
Farmington, CT 06032

Re: Farmington High School, Phase 1
Material Testing Services

Dear Kathryn:

Independent Materials Testing Laboratories, Inc. (IMTL) would be pleased to provide testing services for the project as noted. Enclosed please find pricing for the requested tests and inspections. This listing should satisfy the project specific requirements.

Please call me with any questions that you may have.

Very truly yours,

David P. Aiudi
President

DPA/km

Enclosure



Accurate information you can rely on.

FARMINGTON HIGH SCHOOL, PHASE 1

June 28, 2022

Ms. Kathryn Krajewski
Assistant Town Manager
Town of Farmington
10 Monteith Drive
Farmington, CT 06032

Re: Farmington High School, Phase 1
Material Testing Services

Independent Materials Testing Laboratories, Inc. shall provide on-call services in accordance with the Client's request. The following per-function rates include the services of Field Inspectors, Procedure Specialists, Calibration Personnel, Technical Writers, and necessary equipment, per visit. Prices are applicable through contract anniversary date (one year) - June 28, 2022 thru June 28, 2023 based on DAS Contract 19PSX0223.

**FIELD TECHNICIAN
HOURLY RATES**

SOILS AND AGGREGATES

Technician for fill inspection, sampling or field density
(compaction) by Nuclear gauge \$ 36.00/hr
Determination of density of soils in place test, ea \$ 25.00
Lab Tests: Gradation (sieve) analysis, per sample \$ 88.00
 Proctor (maximum) density test, per sample \$102.00
Rush service available at 1.4 X rate

ASPHALT

Test compaction and/or temperature \$58.00
Lab Tests: Asphalt content & a
Aggregate gradation, per sample \$96.00

(Client agrees that asphalt theoretical density shall be determined by asphalt supplier
in accordance with CT DOT specifications in the calculation of compaction values)

Description	Quantity/ Unit of	Price
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1. CONCRETE (Prevailing ASTM and ACI Protocols)

a Set of four (4) 4" cylinders cast Per Set

Independent Materials Testing Labs, Inc. \$40.00

b Set of four (4) 6" cylinders cast Per Set

Independent Materials Testing Labs, Inc. \$40.00

c. Set of five (5) 4" cylinders cast Per Set

Independent Materials Testing Labs, Inc. \$50.00

d Set of five (5) 6" cylinders cast Per Set

Independent Materials Testing Labs, Inc. \$50.00

e Additional 4" cylinders cast Each Test

Independent Materials Testing Labs, Inc. \$10.00

f. Additional 6" cylinders cast Each Test

Independent Materials Testing Labs, Inc. \$10.00

g. Concrete cylinder delivery to testing laboratory Per Lot

Independent Materials Testing Labs, Inc. \$120.00

h Inspection of controlled concrete placement with slump, air Per Hour

entrainment, temperature, truck timing,

casting of cylinder w/delivery to testing laboratory

Independent Materials Testing Labs, Inc. \$45.00

i. Inspection of controlled concrete placement with slump, air Four Hours

entrainment, temperature, truck timing,

casting of cylinder w/delivery to testing laboratory

Independent Materials Testing Labs, Inc. \$190.00

j. Inspection of controlled concrete placement with slump, air Per Day

entrainment, temperature, truck timing,

casting of cylinder w/delivery to testing laboratory

Independent Materials Testing Labs, Inc. \$340.00

k. Reinforcing Steel Pre-Placement Inspection with inspection of Per Hour

controlled concrete placement with formwork inspection

Independent Materials Testing Labs, Inc. \$60.00

l.	Reinforcing Steel Pre-Placement Inspection with inspection of controlled concrete placement with formwork inspection	Four Hours
	Independent Materials Testing Labs, Inc.	\$180.00
m.	Reinforcing Steel Pre-Placement Inspection with inspection of controlled concrete placement with formwork inspection	Per Day
	Independent Materials Testing Labs, Inc.	\$340.00
n.	Reinforcing Steel Placement Inspection with inspection of controlled concrete placement with slump, air entrainment, temperature, truck timing, casting of cylinder w/delivery to testing laboratory	Per Hour
	Independent Materials Testing Labs, Inc.	\$60.00
o.	Reinforcing Steel Placement Inspection with inspection of controlled concrete placement with slump, air entrainment, temperature, truck timing, casting of cylinder w/delivery to testing laboratory	Four Hours
	Independent Materials Testing Labs, Inc.	\$180.00
p.	Reinforcing Steel Placement Inspection with inspection of controlled concrete placement with slump, air entrainment, temperature, truck timing, casting of cylinder w/delivery to testing laboratory	Per Day
	Independent Materials Testing Labs, Inc.	\$340.00
q.	Collect temperature readings for cold weather concrete work and cold weather masonry work	Per Hour
	Independent Materials Testing Labs, Inc.	\$48.00
r.	Set of Windsor Penetrometer	Per Shot
	Independent Materials Testing Labs, Inc.	\$27.00
s.	Windsor Penetrometer	Per Hour
	Independent Materials Testing Labs, Inc.	\$63.00
t.	Concrete Coring and Core Sample Analysis	Per Hour
	Independent Materials Testing Labs, Inc.	\$110.00
u.	Concrete Humidity test per ASTM F2170-11/ASTM F2420-05 (non-structural)	Each Test
	Independent Materials Testing Labs, Inc.	\$71.00
v.	Concrete Unit Weight Test	Each Test
	Independent Materials Testing Labs, Inc.	\$33.00

2. SOILS & AGGREGATES (Prevailing CONNDOT and ASTM Standards)		
a	Gradation Analysis	Each Test
	Independent Materials Testing Labs, Inc.	\$88.00
b	Modified Proctor test for maximum density and optimum moisture content	Each Test
	Independent Materials Testing Labs, Inc.	\$102.00
c	Determination of Density of soils in place (test to be performed by inspection of Controlled fill & compaction with field density test-site visit)	Each Test
	Independent Materials Testing Labs, Inc.	\$25.00
d	Density equipment use cost	Daily
	Independent Materials Testing Labs, Inc.	INCLUDED IN TEST
e	Organic Content Analysis	Each Test
	Independent Materials Testing Labs, Inc.	\$68.00
f	Aggregate Abrasion Analysis	Each Test
	Independent Materials Testing Labs, Inc.	\$225.00
3. STRUCTURAL STEEL Per ASTM or as indicated		
a	Shop inspection of fabrication	Per Hour
	Independent Materials Testing Labs, Inc.	\$82.00
b	Inspection of structural steel-plumb and level, bolts	Per Hour
	Independent Materials Testing Labs, Inc.	\$82.00
c	ASNT TC-1 Ultrasonic Testing	Per Hour
	Independent Materials Testing Labs, Inc.	\$91.00
d	E709 Magnetic Particle Testing	Per Hour
	Independent Materials Testing Labs, Inc.	\$91.00
e	ASNT TC-1 A Dye Testing Penetrant Testing	Per Hour
	Independent Materials Testing Labs, Inc.	\$92.00
f	Radiographic Testing	Daily
	Independent Materials Testing Labs, Inc.	\$ N/A

g.	Epoxy-coated Reinforcing Steel bars per ASTM A775/A775M-07b (welding procedures)	Each Test	
	Independent Materials Testing Labs, Inc.		\$55.00

4.	MORTAR/GROUT Per ASTM Standards or as indicated		
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a	Form mortar/grout cubes for compressive strength.	Per Hour	
	Independent Materials Testing Labs, Inc.		\$57.00

b	Laboratory pick-up of mortar/grout cubes, test and report results.	Each Test	
	Independent Materials Testing Labs, Inc.		\$20.00

5.	FIVE BRICK SAMPLE Per ASTM Standards or as indicated		
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a	E447 Brick Compression Test	Each (Includes all 3 Tests)	
	Independent Materials Testing Labs, Inc.		\$126.00

b	Field Inspection	Each (Includes all 3 Tests)	
	Independent Materials Testing Labs, Inc.		\$138.00

c.	E514 Absorption Test	Each (Includes all 3 Tests)	
	Independent Materials Testing Labs, Inc.		\$115.00

d	Brick Analysis per ASTM C67 for conformance with ASTM C216a (five (5) brick battery)	Per Set	
	Independent Materials Testing Labs, Inc.		\$203.00

6.	Masonry Prisms per ASTM C1314-02a)	Per Set	
	Independent Materials Testing Labs, Inc.		\$190.00

7.	ASPHALT PAVING Per CONNDOT and ASTM Standards		
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a	Plant Inspection	Per Hour	
	Independent Materials Testing Labs, Inc.		\$58.00

b	Field Inspection	Per Hour	
	Independent Materials Testing Labs, Inc.		\$58.00

c.	Aggregate Gradation	Each Test	
	Independent Materials Testing Labs, Inc.		\$96.00

d	Asphalt Coring and Core Sample Analysis	Each Test	
	Independent Materials Testing Labs, Inc.		\$239.00

e	Asphalt Extraction testing	Each Test	
	Independent Materials Testing Labs, Inc.		\$200.00

8.	SPRAY ON FIREPROOFING PER ASTM STANDARDS
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a	Technician – Inspection of spray-on fireproofing	Per Hour	
	Independent Materials Testing Labs, Inc.		\$52.00

b	736 Adhesion I Cohesion Test	Per Sample	
	Independent Materials Testing Labs, Inc.		\$38.00

c.	E605 Fireproofing Density Determination	Each Test	
	Independent Materials Testing Labs, Inc.		\$38.00

9.	CAISSON INSPECTION
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a	Bottom Elevation, Bearing Capacities, Compression	Per Hour	
	Independent Materials Testing Labs, Inc.		\$82.00

b	Steel Pipe Inspection, Test Pipe Casings and Welds – Site	Per Hour	
	Independent Materials Testing Labs, Inc.		\$85.00

10.	INSPECTION/SPECIAL INSPECTION SERVICES
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a	Field Technician for Special Inspection	Per Hour	
	Independent Materials Testing Labs, Inc.		\$85.00

b	Field Technician for Special Inspection	Per Day	
	Independent Materials Testing Labs, Inc.		\$680.00

c.	Professional Engineer for Special Inspections	Per Hour	
	Independent Materials Testing Labs, Inc.		\$125.00

d	Professional Engineer for Special Inspections	Per Day	
	Independent Materials Testing Labs, Inc.		\$1,000.00

e	Soil Technician Inspection	Per Hour	
	Independent Materials Testing Labs, Inc.		\$36.00

f.	Soil Technician Inspection	Per Day	
	Independent Materials Testing Labs, Inc.		\$288.00

g.	Continuous pipe and insulation jacket installation inspections	Per Hour	
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	Independent Materials Testing Labs, Inc.	\$90.00
h.	Continuous pipe and insulation jacket installation inspections	Four Hours
	Independent Materials Testing Labs, Inc.	\$360.00
i.	Continuous pipe and insulation jacket installation inspections	Per day
	Independent Materials Testing Labs, Inc.	\$720.00
j.	Floor Flatness Inspection	Per Hour
	Independent Materials Testing Labs, Inc.	\$140.00
k.	Pipe Weld Inspections	Each Test
	Independent Materials Testing Labs, Inc.	\$78.00
l.	Water Infiltration Testing: Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference	Per Day
	Independent Materials Testing Labs, Inc.	\$3,700.00
m.	Roof Uplift Tests (1 to 3 setups): ASTM & FM Global Standards	Per Day
	Independent Materials Testing Labs, Inc.	\$ N/A
n.	Roof Uplift Tests (4 and more): ASTM & FM Global Standards	Per Day
	Independent Materials Testing Labs, Inc.	\$ N/A
o.	Continuous Roof Installation Observation	Per Hour
	Independent Materials Testing Labs, Inc.	\$100.00
p.	Continuous Roof Installation Observation	Four Hours
	Independent Materials Testing Labs, Inc.	\$400.00
q.	Continuous Roof Installation Observation	Per Day
	Independent Materials Testing Labs, Inc.	\$800.00
r.	Expedited Service	Each Test % Upcharge
	Independent Materials Testing Labs, Inc.	40%



FARMINGTON HIGH SCHOOL, PHASE 1

Ms. Kathryn Krajewski
June 28, 2022
Page 3 of 3

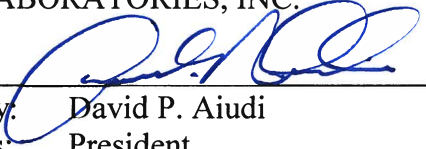
Terms and conditions of agreement per State of Connecticut DAS. Other prices not listed in DAS requirements are IMTL current rates applicable for one (1) year. Overtime rates at 1.5 times the hourly rate for the applicable scheduled intervals are in effect for any hours worked Monday through Friday before 7:00 a.m. or after 3:30 p.m., over the scheduled interval, or all hours on Saturdays, Sundays and Holidays. The Client shall cooperate by providing access to the work and furnishing incidental labor and facilities necessary to facilitate inspections and tests. Travel time and mileage is included for quoted field-testing. The Client is responsible for scheduling testing with IMTL's office the day previous to the required service. Non-destructive testing of structural steel (UT, MT) requires 48 hour advanced notice for scheduling.

ALTERNATE:

Should the client decide that other terms and pricing that IMTL offers is optimal for the project, IMTL would provide an alternate proposal for the work.

INDEPENDENT MATERIALS TESTING
LABORATORIES, INC.

TOWN OF FARMINGTON


By: David P. Aiudi
Its: President

By: Kathryn Krajewski