

### **FEBRUARY 2023**

Health and Safety Report
 Project Status & Construction Progress Report

for

# East Ramapo City School District ARPA Improvement Projects

Time Period: 02/01/2023 - 02/28/2023

Spring Valley High School
Margetts Elementary School
Elmwood Elementary School
Pomona Middle School
Kakiat Elementary School
Chestnut Ridge Middle School
Hempstead Elementary School

Issued on 03/07/23 by:

**Jacobs Construction Management Services** 

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Awarded Contracts

Change Orders To-Date

Paid To-Date

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**Awarded Contracts** 

Change Orders To-Date

Paid To-Date

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Change Orders To-Date

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# 1. Health and Safety Update

## a. Project Safety Report

- Phase KH Kitchen Hoods Replacement Monthly Construction Health and Safety Report
- ii. Phase 1A -Flooring Abatement Monthly Construction Health and Safety Report

<u>Safety</u>	This Period 02/01/23- 02/28/23	<u>Cumulative</u> <u>To-Date</u>
First AID Cases:	0	0
Recordable Injuries:	0	0
Recordable Illnesses:	0	0
Lost Workdays Cases:	0	0
Project Total Injuries/Cases Reported:	0	0
OSHA Incident Rate (OIR):	o	o

**Note:** OSHA incident Rate = Total number of injuries & illnesses multiplied by 3,874 (OSHA LaborHours) divided by the number of hours worked by all employee.

### 2. Construction Update

# a. <u>ERCSD ARPA Spending Deadline Recommendations</u> Memorandum 3/6/2023

As you know the ARPA project continues to progress district-wide, and we offer several strategies to continue the implementation of the program to the greatest extent possible.

The ARPA project began with the Spring Valley Flooring Abatement & Replacement project in the Winter of 2021, followed by the Flooring Abatement & Replacement projects at four (4) schools (Kakiat, Pomona, Margetts, and Elmwood) during the Summer of 2022. Most recently, the completion of the Phase 1 Kitchen Hood Abatement & Equipment Replacement projects occurred at Elmwood, Margetts, Kakiat, Pomona, Hempstead, and Chestnut Ridge. Phase 2 of the Kitchen Hood project is scheduled for completion in the Summer-early Fall of 2023 at the following buildings: Eldorado, Fleetwood, Grandview, Summit Park, and Lime Kiln. This combined work equates to roughly \$17.4M. of the \$77M. construction cost portion of the ARPA Project.

The limited scopes of work in the initial phases of the ARPA project were primarily flooring and abatement and weren't significantly impacted by the current market conditions. The Kitchen Hood Abatement & Equipment Replacement projects followed, totaling \$3M These projects did have long lead-time and availability issues with the procurement of new kitchen hoods, equipment, appliances, fire alarm devices, and other items which prolonged the construction progress. The nature of this project may not have been so prolonged if in a more typical pre-pandemic environment. Jacobs was able to make scheduling adjustments to achieve completion with the least impact possible to district operations despite the post-pandemic supply issues.

The post-pandemic construction environment has been a challenge to navigate, in an environment that has impacted the entire construction industry throughout the country, which is the new norm. The primary impacts that are being experienced are related to supply chain availability (long lead-time) issues, significant pricing escalations, labor shortages, contractor availability, and market saturation. The excess of pandemic related state and federal funding also contribute. Therefore, Jacobs is exploring all potential avenues to create solutions as required to complete the program.

Market saturation has impacted local contractors and tradesman including limitations to manpower. However, we have been able to utilize the specific local market trades in multi-prime contract work with the Kitchen Hood Replacement projects and will continue to utilize this work force in up-and-coming ADA upgrade projects.

To expand the available labor force issue further, the surrounding work forces and trades are saturated in their markets close to home, and in most cases have so much work to do in their area(s) that they are reluctant, and/or not willing to venture beyond their local borders to perform work, adding yet another level of complexity to finding solution(s) towards completion of the ERCSD ARPA program. Even if we are able to entice some contractors with the idea of bidding on ERCSD work, many times potential contractors say we are at capacity, and are booked through the Summer of 2023 and beyond, and therefore are unable to take on any additional work at this time. Bidding in this environment can and has proven a lack of bid participation, and/or if bids are submitted pricing can be significantly inflated. We experienced several early project bids,

including the Kitchen Hood project where there were limited bidders received for the electrical and plumbing prime contracts.

Based on our findings, and the pressing ARPA deadline, we recommend that several adjustments be made to the project including the following items below, of which are currently being discussed, and will be further discussed with Carl Thurnau (district representative) and the CS Arch Design Team at our Wednesday, 3/8/23 meeting scheduled at CS Arch's office in Newburgh, NY.

#### The topics that will be discussed are as follows:

- Re-examine and re-set the scope of work identified in the original ARPA project to align with the 14-month remaining construction window.
- Maintaining equity with the distribution of capital improvements across the district to the
  greatest extent possible. Re-evaluating various scopes of work originally proposed and
  recommending necessary adjustments needed to align scopes with costs and timeframes
  being experienced in current market pricing.
- The main areas at the forefront of the original ARPA project program are intended to be retained and distributed as equitably as possible throughout the district, are as follows:
  - o Improved Indoor Air Quality (goal at all schools)
    - Unit Ventilator replacements in all Elementary and Middle School Classrooms whether it be via the ARPA project or what the EPC project has recently taken on.
    - Chiller Replacements at key schools where required.
    - Other significant indoor air quality and HVAC/MEP system improvements at the two (2) high schools.
  - o Improved Security:
    - Includes new doors and hardware (goal at all schools)
  - Hazardous Materials Removals & New Flooring (goal at all elementary & middle schools)
    - Abatement and removal of existing floors and replacement with new flooring.
  - Kitchens Hoods, Ceilings, and Equipment/Appliances Replacements (eleven (11) schools)
    - Bringing Kitchens up to code including new lighting, hoods, mechanical, and appliances.

To combat these challenging constraints, Jacobs, CS Arch and the district previously approved the use of the OMNIA Cooperative Purchasing Alliance Contract for Competitive Bidding (a national purchasing cooperative in compliance with the NYS Comptroller), at the BOE Meeting on 1/4/22. This provided a segway for TRANE to proceed with a Letter of Commitment for upwards of \$14.75M. allowing PHASE 1A HVAC/MEP work to get underway and giving TRANE the ability to reach out their most trusted sub-contractors to secure pricing for work at five (5) schools including the following: Ramapo & Spring Valley High Schools, Margetts, Kakiat, and Elmwood Elementary Schools.

This BOE approval alone has allowed the ARPA Project to progress in securing a portion of the construction work for Summer 2023 at Margetts ES, and portions of work at other schools. Without the release of the TRANE Letter of Commitment and this purchasing mechanism, this portion would have been protracted, potentially pushing it as later as Summer 2024 which would have drastically limited the extent of the work to be completed within the remaining ARPA timeframe. As it currently stands, this work is expected to increase in cost, and be part of the evaluation with the district and CS Arch to determine if it is recommended to add to the current agreement and purchase order with TRANE, or to adjust the scope of work accordingly. By taking the direct purchasing approach with TRANE they can attract local and regional contractors that are qualified to take on this magnitude of work.

As a similar approach to the TRANE OMNIA purchasing agreement and Letter of Intent, Jacobs and CS Arch recommend that the BOE approve the blanket purchasing agreement. This approval of this Resolution will allow all state, and national purchasing agreements be utilized in the most expeditious manner possible to complete the work by the ARPA deadline.

Approval of the blanket purchasing Resolution at the March 14, 2023, BOE Meeting will allow for the following scopes of work to proceed via Letters of Intent, followed by Letters of Commitment (once pricing is agreed upon) which include the following:

- 1. Flooring Replacements in six (6) schools for Summer 2023, including Eldorado, Fleetwood, Grandview, Summit Park, Hempstead, and Lime Kiln.
- 2. Phase 1B Security related Doors & Hardware Replacements in five (5) schools in Fall-Winter 2023, and Spring 2024 which include Ramapo and Spring Valley High Schools, Kakiat, Margetts, and Elmwood Elementary Schools, and Window Replacements at three (3) schools in the Fall-Winter of 2023 including Margetts, Elmwood, and Kakiat.
- 3. Phase 3A Security related Doors & Hardware Replacements in eight (8) schools in Spring Summer 2024 as follows: Eldorado, Fleetwood, Grandview, Summit Park, Chestnut Ridge, Hempstead, Lime Kiln, and Pomona.

#### The proposed BOE Resolutions for the March 15, 2023, BOE Meeting are as follows:

- 1. RESOLUTION No. 1: Blanket Purchasing Agreement adopting State, Local & National Purchasing Methods including but not limited to Bay Shore, The Interlocal Purchasing System (TIPS), OGS, etc.
- 2. RESOLUTION No. 2: RENU Contracting & Restoration Letter of Commitment for PHASE 3A Flooring & Abatement Projects at six (6) Schools as follows: Hempstead, Fleetwood, Summit Park, Lime Kiln, Grandview, and Eldorado, dated: 2/21/23 (Bay Shore contract).
- RESOLUTION No. 3: CM Door Letter of Commitment for PHASE 1B Doors & Hardware, and Window Replacement Projects for five (5) Schools as follows: Spring Valley HS (doors only), Ramapo HS (doors only), Kakiat, Margetts, and Elmwood Elementary Schools, dated 2/24/23 (TIPS contract).
- 4. RESOLUTION No. 4: RENU Contracting & Restoration Letter of Commitment for PHASE 3B Doors & Hardware Projects at six (6) Schools as follows: Hempstead, Fleetwood, Summit Park, Lime Kiln, Grandview, and Eldorado, dated: 2/21/23 (Bay Shore contract).

When the above listed BOE Resolutions are approved the district will be able to save up to 5-6 months of field verification, shop drawing, submittal, and bidding time, to potentially push forward

upwards of another \$32M. plus within the ARPA deadline. This would be a significant step forward towards reaching the project goals.

Below are a few excerpts to further shed light how the direct purchasing method can assist ERCSD in realizing the ARPA project goals, and industry report examples.

#### Why Direct Purchasing?

- Maximizes the limited remaining construction window of time: (saves 5-6 months).
- <u>Hedges against increasing cost of Materials</u> (allows direct purchasing of goods and services direct from manufacturer avoiding excessive mark-up's).
- Hedges against increasing cost of Equipment (allows direct purchasing of goods and services direct from manufacturer avoiding excessive mark-up's).
- <u>Utilizes reliable</u> local & national manufacturers and distributors to procure materials and equipment and install work; TRANE, C&M Door, RMNY, etc.
- Local & National Manufacturers and Distributors have <u>greater ability to access workforces</u> from the region, amidst an environment where labor & contractor shortages are the norm:
  - o Hedges against Local workforce is not sized to take on the magnitude of work.
  - o Hedges against Limited Skilled Workforce in the Rockland County Area.
- Expedited delivery of materials and equipment directly from manufacturer, reducing lead-times.
- Hedges against continued inflationary escalations.

#### **Construction Outlook 2023**

#### CONSTRUCTION DIVE - Trendline, 1/18/23

- "Higher price tags and uncertainty around accurate budgets"
- "Critical mechanical and electrical equipment lead times remain at unprecedented levels, with pricing levels across the board remain escalated with many leading construction indices reporting flattening in the fourth quarter."
- "Shortages in skilled workforce as well as the volatility in commodities markets that affect procurement."

#### The hardest construction jobs to fill.

#### **Construction Outlook 2023**

#### CONSTRUCTION DIVE - Trendline, 1/12/23

According to the Association of General Contractors of America survey of its members:

- "91% of contractors had trouble filling its positions last year."
- "The number of workers in construction has failed to meet the high demand."
- "Fewer new workers have joined the industry, and retention has remained low as experienced workers retire."
- "87% of contractors are having trouble staffing mechanical trades, and 79% electrical trades."
- "There was a point in time when he who had the people hoped he got the work. Now it's he who has the work hopes he can find the people."

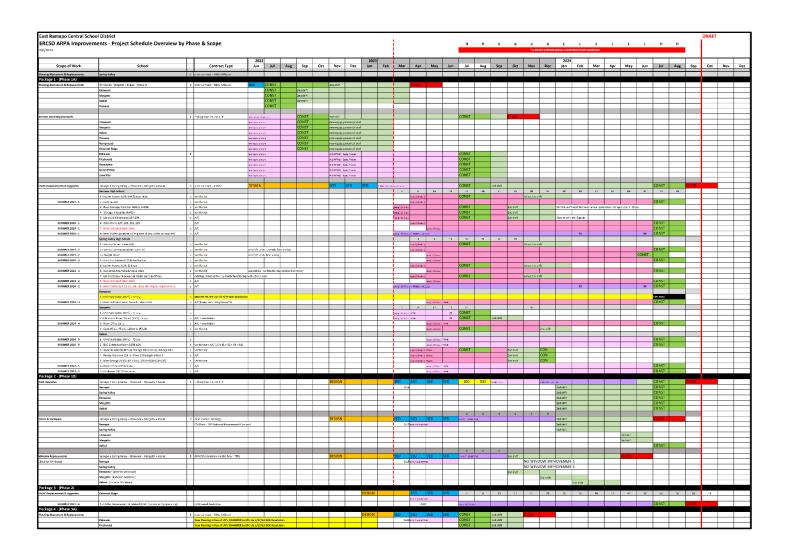
"The lack of workers on any one task can slow a project to a crawl...the toughest jobs to fill
are ones like carpenter, electrician, plumber, mechanic or millwright and project
manager...and doesn't see the labor shortage getting better any time soon, and as the
experienced workforce ages out, the industry will face a crisis with trying to find, recruit,
train, and retain workers."

**Arizona Fire Training Facility Costs Balloons** 

Engineering News-Record (ENR), 3/1/23

• "The cost of Scottsdale's new fire department training facility has nearly doubled." **END OF MEMO.** 

### b. ARPA Schedule Overview – v.3. DRAFT (03/06/2023) – (Page 1 of 2)



# b. ARPA Schedule Overview - v.3. DRAFT (03/06/2023) - (Page 2 of 2)

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• Refer Annexure 1 – Clear Copy of ARPA Schedule Overview v.3 (DRAFT 03-06-23)

### c. ARPA Construction - Financial Update 03.06.23

#### 1. Phase 1A Projects

Phase 1A Spring Valley EMERGENCY PROJECT - Flooring Replacement Work

**Awarded Contracts:** 

RENU: \$ 2,326,580.00 **Bay Shore State Contracts** 

Milburn: \$ 1,550,005.06 **NYS Contracts** 

**COMBINED TOTAL:** \$3,876,585.06

**Change Orders To-Date:** 

(\$51,540.82) RENU: Milburn: \$ 0.00 **COMBINED TOTAL:** (\$51,540.82)

Paid To-Date:

RENU: \$ 2,179,946.59 Milburn: \$ 1,546,480.59 **COMBINED TOTAL:** \$3,726,427.18

ii. Phase 1A Flooring Replacement Work (Summer 2022)

**Awarded Contracts:** 

**COMBINED TOTAL:** 

RENU: \$ 5,630,303.47 **Bay Shore State Contracts** 

Milburn: \$4,818,037.66 **NYS Contracts** 

\$10,448,341.13 **Change Orders To-Date:** 

RENU: \$112,971.00 Milburn: \$ 0.00

COMBINED TOTAL: \$112.971.00

Paid To-Date:

RENU: \$ 5,265,266.91 Milburn: \$ 4,808,037.66

**COMBINED TOTAL:** \$10,073,304.57

#### 2. Kitchen Hoods Replacement Project

Kitchen Hoods & Equipment Replacement Project (Summer 2022)

Awarded Contracts: (Multi-Prime Bids)

Renu Interiors: \$ 963,000.00 GC-01 (General Construction Contract) Rockland Electric: 280,000.00 EC-02 (Electrical Contract) Bertussi Contracting: \$ 1,188,188.00 MC-03 (Mechanical Contract) PC-04 (Plumbing Contract) **Mace Contracting:** \$ 558,700.00

**COMBINED TOTAL:** \$ 2,989,888.00

**Change Orders To-Date** 

Renu Interiors: 23,300.00 \$ Rockland Electric: \$ 16,099.36

Bertussi Contracting: \$

CLAIM SUBMITTED ON 2/24/23 FOR \$208,313 Mace Contracting:

\$ 39,399.36 COMBINED TOTAL:

Paid To-Date:

\$ 447,505.81 Renu Interiors: Rockland Electric: \$ 134,140.00 Bertussi Contracting: \$ 210,161.04 **Mace Contracting:** 

**COMBINED TOTAL:** \$ 790,806.85

Note: Awarded Contracts & Expenditure's To-Date are within budgetary allocations.



### Phase KH - Kitchen Hoods Replacement - Submittal Register - Page 01 of 03

**Jacobs** 

Challenging today. Reinventing tomorrow. Project Name: EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name: KITCHEN HOODS REPLACEMENT

Client Name: EAST RAMAPO CENTRAL SCHOOL DISTRICT



		Submittals Required as per Contract					Sub	l Date				
Sr. No.	Spec. No.	Spec. Name	Contract	Contractor Name	Clause No.	Submittal Name	Submitted by Prime Contrcator till date (Yes/NO)	Submittal No.	Approved by CSArch	Remarks		
1	24119	Selective Demolition			1.5	Informational Submittals (Proposed Protection Measures, Schedule of Selective Demolition Activities, Pre- demolition Photographs or Viceo, Warranties)	Incomplete	KH-01-6C-0021	No	Safety Protocol Policies and Procedures submitted. Under Review by CSArch		
			-		1.03 (Section A & B)	Documentation (Certificates, Licenses, Respiratory Protection Program, NYS DOL Certificate etc.)	Yes	KH-01-GC-001	Yes			
2	28213	Asbestos Abatement			1.03 (Section C & D)	Documentation upon Final Close out of Project	No	-	No			
					1.5	Action Submittals (Product Data, Shop Drawings, WPS & PQIC, Delegated Design Submittal)	Yes	KH-01-GC-002	Yes			
3	51200	Structural Steel Framing			1.6	Informational Submittals (Qualification Data, Paint Compatibility Certificates, Mill & Product Test Reports, Survey of existing conditions, Field quality-control reports)	Incomplete		Incomplete			
4	61000	Rough Carpentry			1.4	Product Data & Research/Evaluation Reports	Yes	KH-01-6C-0022	No	CSArch Remarks - Revise & Resubmit		
5	61600	Sheathing			1.3	Product Data	No		No			
6	72100	Thermal Insulation			1.3	Action Submittals (Product Data)	No		No			
					1.4	Informational Submittals (Installer's Certification, Product Test Reports, Research Reports)	No		No			
					1.4	Action Submittals (Product Data, Shop Drawings)	No		No			
7	75323	EPDM Roofing			1.5	Informational Submittals (Cassilication data, Manufacturer Cerifficates, Product Test Reports, Postuation & Field Test Reports)	No		No			
					1.6	Obsecut Submittab.  A Mid-lename Data for randing option to include in maintanance manuals.  Referring the control of the cont	No		No			
					1.3	Action Submittals (Product Data, Stop Drawings, Samples)	No		No			
8	77100	Roof Specialties			1.4	Informational Submittals (Qualification Data, Certificates, Test Reports, Sample Waranky)	No	-	No			
					1.5	Closeout Submittals - Maintenance Data: For routing specialities in include in maintenance manuals.	No		No			
					14	Action Submittals (Product Data, Shop Drawings, Sampler, Delegated-Design Submittal)	Incomplete	KH-01-GC-0024	No	TIS 1303 Pourable Sealer 5-10 Product Data (At Roof Penetrations) submitted. Under Review by CSArch		
9	77200	Roof Accessories	General Construction	Renu	1.5	Informational Submittals (Coordination Drawings, Sample Waranty)	No		No			
					1.6	Closeout Submittals -Operation and Maintenance Data: For roof accessories to include in operation and maintenance manuals.	No	-	No			
					1.4	Action Submittals (Product Data & Schedule)	Yes	KH-01-GC-0017	No	Product Data submitted. Under Review by CSArch		
10	78413	Penetration Firestopping			1.5	Informational Submittals (Qualification Data, Test Reports)	No		No			
					1.6	Closeout Submittatis - Installer Certificates: From Installer indicating that penetration freezopping systems have been installed in compliance with requirements and manufacturer's written instructions.	No	-	No			
					1.2	Action Submittals (Product Data, Samples for Initial Selection, Joint Sealant Schedule)	Yes	KH 01-6C-0018	No	Product Data Submitted. Under Review by CSArch		
11	79200	Joint Sealants			1.3	Informational Submittals (Text and Evaluation Reports)	No		No			
					1.4	Closeout Submittals -  N. Warrang Documentation:  1. Naturation special warrantes.  2. Installet special warrantes.  2. Installet special warrantes.	No		No			
					12	Action Submittals (Product Data, Samoles, Shoo Drawings, Product Schedule)	Yes	KH - 01 - GC - 0023	No	Product Data and Shop Drawing. Under Review by CSArch		
12	83113	Access Doors and Frames			1.3	Informational Submittals (Qualification Data)	No		No			
					1.4	Closeout Submittals - Record Documents: For fire rated doors, list of applicable room name and number in which access door is located.	No	-	No			
13	92216	Non-Structural Metal Framing			1.2	Action Submittals (Product Dalu)	No	KH-01-GC-0019	No	Under Review by CSArch		
					1.3	Informational Submittals (Product Corolleates, Evaluation Reports)	No		No			
14	92900	Gypsum Board Type X				-	1.2	Action Submittals (Product Data, Samples)	Yes	KH 01 GC 004	Yes	
15	95113	Acoustical Panal Callings			1.4	Action Submittals (Product Data, Samples)	Yes	KH-01-GC-003	Yes			
15	95113	Acoustical Panel Ceilings			1.5	Informational Submittals (Coordinated Drawings, Product Test Reports, Evaluation & Field Quality Control Reports)	No	-	No			



### Phase KH - Kitchen Hoods Replacement - Submittal Register - Page 02 of 03

Jacobs Challenging today. Reinventing tomorrow. Project Name: EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name: KITCHEN HOODS REPLACEMENT

Client Name: EAST RAMAPO CENTRAL SCHOOL DISTRICT



	Submittals Required as per Contract							Submissions on Kahua Till Date							
Sr. No.	Spec. No.	Spec. Name	Contract	Contractor Name	Clause No.	Submittal Name	Submitted by Prime Contrcator till date (Yes/ND)	Submittal No.	Approved by CSArch	Remarks					
					1.6	Closeout Submittals - Maintenance Data: For finitines to include in maintenance manuals.	No		No						
15	95113	Acoustical Panel Ceilings	General Construction	Renu	1/	Mointenance Meterial Gubeintels .  A. Furnito-care meterials that another products installed and that are gastaged with protective correcting to strange and elemented with labels describing contents.  J. Acoustical Lealing Lunks: In-like panels require to generate of quantity installed.  J. Sousserino-system Components: Quantity of each spaced corponent equal to gasterinor of panels of panels of panels of panels of panels of panels.  J. Bookshoon Christians and Chris	No		No						
					1.4	Action Submittals (Product Data, Samples, SDS, Product Schedule)	Yes	KH-01-GC-0020	No	Under Review by CSArch					
16	99123	Interior Painting			15	Maintenance Material Submittals A runnih extra materials that make products installed and that are packaged with protective covering for storage and adminished with protective covering for storage and adminished with products. 3 percent, but not less than 1 gat, of each material and color sections.	No		No						
17	220529	Supports & Sleeves			1.4	Product Data, Manufacturer Installation Instructions & Shop Drawings	Incomplete	KH-04-PC-003	Incomplete	Only product data submitted					
18	220553	Plumbing Identification		Mace	1.2	Action Submittals (Product Data)	Yns	KH 04 PC 004	Vers						
19	221613	Natural Gas Piping	Plumbing Construction		15	Action Submittab: Product Data: For each type of the following:  1. Piging operation: 2. When, include pressure rating, capacity, settings, and circuital connection data of selected models. 2. When, include pressure rating capacity, settings, and circuital connection data of selected models. 4. Dielectric ferrings	Incomplete	KH 04 PC 005, 006, 007	Incomplete	RH-04-PC-005, 006, 007 - Submittal was submitted For pipes & valves					
					1.6	Coseout Submittals - Operation and Maintenance Data: for motorized gas valves and pressure regulators to include in emergency, operation, and maintenance manuals.	No	-	No						
20	230553	Mechamical Identification			1.2	Action Submittals (Product Data, Eogst. Label Schedule)	No		No	N/A					
21	230593	Testing, Adjusting and Balancing								1.3	A. Quarification Data: AASC or WDB certification.  B. Witten datement of coordination with sheatment confeccion.  C. Witten statement of coordination with sheatment confeccion.  C. Witten statement of coordination with plying centrator.  D. Witten statement of acceptance of location and quantity of air and water balancing devices.  P. Fent TAR import.  T. Fent TAR in parts.	No		No	KH-03-MC-005 - Submittal was submitted with sample formats of TAB reports
22	230713	Duct Insulation			1.2	Action Submittals (Product data)	Yes	KII-03-MC-001, 004	Yes						
23			Mechanical Construction	Bertussi	1.2	Action Submittals (Product Data, Shop Drawings)	Yes	KH-03-MC-002, 003,	Yes	Shops submitted and approved for					
23	233113	Metal Ductwork			13	Informational Submittals (Coordination Drawings)	Yes	0016, 0017	Yes	G schools					
24	233300				1.2	Action Submittals (Product data)	No	÷	No	N/A					
24	255500	Air Duct Accessories			13	Closeout Submittals - Operation and Maintenance Data: For air duct accessories to include in operation and maintenance manuals.	No		No						
25	233423	Power Ventilators			12	Action Submittals (Product data)	No		No	N/A					
25	235423	Power Ventilators				Closeout Submittals - Operation and Maintenance Data: For power ventilators to include in emergency, operation, and maintenance manuals.	No		No						
26	233534	FIFLD WELDED RECTANGULAR GREASE			1.3	Action Submittals (Product Data, Shop Drawlings)	Incomplete	KII-03-MC-0016, 0017	Incomplete	Shops submitted and approved for					
20	233331	DUCTS	Mechanical	Bertussi	1.4	Informational Submittals (Welding Certificates, Coordination Urawings)	Incomplete		Incomplete	G schools					
27	233713	Grillers, Registers & Diffusers	Construction	Del Masi	1.2	Action Submittals (Product Pata, Samples)	Yes	KH 08 MC 0010	Yes	Only Grills required.					
					1.4	Action Submittals (Product Data, Shop Drawings)	Yes	KH 08 MC 0014	Yes						
28	233813	Commercial Kitchen Hoods			1.5	Informational Submittals (Wolding Corificator, Coordination Drawings)	Incomplete	KH 03 MC 0016, 0017	Incomplete	Shops submitted and approved for G schools					
					1.6	Maintenance Material Submittals Sinc birlinu Snapshot	No		No						
29	260519	Low-Voltage Electrical Power Conducters & Cables			13	Product Data, Product Schedule. Qualification Data, Held quality-control reports	Incomplete	KH-02-EC-0010	Incomplete	Only product data submitted					
30	260526	Grounding & Bonding for Electrical Systems			1.2	Submittab - See below Snepshot	No		No						
31	260529	Hangers and Supports for Electrical Systems			1.2	Product data, Shop Drawings, Coordination Drawings	Incomplete	KH 02 FC 0012	Incomplete	Only product data submitted					
32	260533	Raceways and Boxes for Electrical Systems	Electrical Construction	Rockland	1.3	Product data, Coordination Drawings	Incomplete	KH-02-EC-0015, 0011	Incomplete	Raceways not submitted, Boxes & Conduits - submitted, Only Product Data Submitted					
33	260544	Sheeves and Sheeve Seals for Electrical Raceways and Cabling			1.2	Product Data	No		No						
34	260553	Identification for Electrical Systems			12	Product Data, Identification Schedule, Delegated - Design submittal: For Arch - flash harard study	No	-	No						
35	262726	Wiring Devices			12	Product Uata, Samples	No		No						



#### Phase KH - Kitchen Hoods Replacement - Submittal Register - Page 03 of 03

**Jacobs** 

Project Name: EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name: KITCHEN HOODS REPLACEMENT



	enging today. enting tomorrow.			Client Name	: EAST RAMAPO CENTRAL SCHOOL DISTRICT			Sille Suppo	rted-Engaged-Crafter											
		!	Submittals Re	quired as per Co	ntract	Sub	missions on I	(ahua Till	Date											
Spec. No.	Spec. Name	Contract	Contractor Name	Clause No.	Submittal Name	Submitted by Prime Contrcator till date (Yes/NO)	Submittal No.	Approved by CSArch	Remarks											
262816	Enclosed Switches and Circuit Breakers			1.2	Product Data, Shop Drawings	No	4	No												
202010	CHUOSEU SWITCHES AND CHUINE DI EAREIS		Rockland	1.3	Maintenance Material Submittals - See below Snapshot	No		No												
265119	LED Interior Lighting	Electrical		Rockland	1.3	Product Data, Shop Drawings, Product Schedule	Incomplete	KH-02-EC-0001	Incomplete	Only product data submitted										
283100	Fire Detection and Alarm- ADD #2																1.3	Product Data, Shop Drawings	Yes	KH-02-EC-0009
283100	Fire Detection and Alarm- AUD #2			1.4	Closeout Submittals (Operation & Maintenance Data) - See below Snapahot	No	-	No												
lote: Red Text represnts Non Submission of Submittals Till date																				
GEND:	GEND: For number mentioned below, refer serial number in above summary table & refer the snapshots respectively for Sepcification requirements																			

Operation and Maintenance Data: For fire-alarm systems and components to include in 36 --> 1.3 emergency, operation, and maintenance manuals. Include the following:

RE DETECTION AND ALARM

283100 - 2

Arch oject No. 209-2003

East Ramapo Central School District Kitchen Hood Replacement Project

- 1. Comply with the "Records" section of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
- Provide "Fire Alarm and Emergency Communications System Record of Completion
   Documents' according to the "Completion Documents" Article in the
   "Documentation' section of the "Fundamentals' chapter in NFPA 72.
- Complete wiring diagrams showing connections between all devices and equipment. Each conductor shall be numbered at every junction point with indication of origination and termination points.
- 4. Riser diagram
- Record copy of site-specific software. This software shall also be in an electronic format to allow an alternate Authorized Distributor to add, change, or modify in any way, the existing system data base.
- Provide "Inspection and Testing Form" according to the "Inspection, Testing and Maintenance" chapter in NFPA 72, and include the following:
- b. Frequency of testing of installed components.
- c. Frequency of inspection of installed components.
- e. Manufacturer's user training manuals.
- 8. Manufacturer's required maintenance related to system warranty requirements.
- 9. Abbreviated operating instructions for mounting at fire-alarm control unit and each annunciator unit.

- MAINTENANCE MATERIAL SUBMITTALS
  - Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

ENCLOSED SWITCHES AND CIRCUIT BREAKERS

CSArch 209-2003

East Ramapo Central School District Kitchen Hood Replacement Project

262816 - 1

- Fuses: Equal to 10 percent of quantity installed for each size and type, but no fewer than three of each size and type.
- Fuse Pullers: Two for each size and type
- 30 -> 1.2
- SUBMITTALS
  - A. Minimum 1/8" scale floor plan drawings depicting the building ground electrode system as to be installed.
  - B. Detailed riser diagram depicting the building ground electrode system and bonding as to be installed.
  - Product data sheets (cut sheets) for all ground bus bars and other components of the grounding system.
  - D. Field test reports.

MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Grease Filters/Baffles: One complete set(s).
- C. Documentation with confirmation signature of Consultant's representative of the following shall be provided by the Abatement Contractor at the final closeout of the project.
- Testing of barriers and enclosure systems using smoke tubes shall be performed prior t
  the beginning of abatement activities and at least once a day thereafter until satisfactor
  clearance air monitoring results have been achieved.
- 2. Inspection of all plastic barriers
- 3. Removal of all polyethylene barriers.
- 6. Decontamination of equipment (list items).

- 3. Certified payroll documentation Pursuant to Article 8, Section 220 of the
  4. Cupies of EPA/NYSDOL Asbestos Certificates for all Workers and Superon the Project.
- Copies of Medical Approval and Respirator Fit-testing for all Supervisors employed on the Project.
- Copies of Abatement Contractors Daily Sign-in Sheets & Logs for persons leaving the work area. Title 12 NYCRR Part 56 7.3.

- 10. The name and address of any transporters used to transport waste and all remainfests, receipts and other documentation associated with the transport of asis waste.



### <u>Phase KH - Kitchen Hoods Replacement - Pay Request's Summary - To Date</u>

roje	ct Name : <u>Kitchen Hoods Replac</u>	Pay Requests	Summary Till	I Date			Jacobs
Sr. No.	Contract	Number	Period To	From Company	Current Payment Due	Status	Remarks
1		KH - 01 - GC - 001 - <b>PA# 0001</b>	7/31/2022		\$87,218.55	Billed	-
2		KH - 01 - GC - 001 - <b>PA# 0002</b>	8/31/2022		\$177,667.10	Billed	-
3	KH - 01 - GC - 001 - General Construction	KH - 01 - GC - 001 - PA# 0003	11/30/2022	RENU Interiors	\$182,620.16	Billed	
		KH - 01 - GC - 001 - <b>PA# 0004</b>	1/31/2023		\$51,907.00	Open	CSArch comments sent (02/28/20/ back to GC, Revised submission t review pending by GC
							Total Item
					\$447,505.81 \$51,907.00		Billed Amount (\$) Open Amount (\$)
					, , , , , , , , , , , , , , , , , , , ,		
r. No.	Contract	Number	Period To	From Company	Current Payment Due	Status	Remarks
1		KH - 02 - EC - 001 - PA# 0001	8/31/2022		\$14,131.25	Billed	-
2	KH - 02 - EC - 001 - Electrical Construction	KH - 02 - EC - 001 - PA# 0002	10/31/2022	Rockland Electric	\$42,764.25	Billed	-
3		KH - 02 - EC - 001 - PA# 0003	12/30/2022		\$77,244.50	Open	Under Review
							Total Item
_					\$56,895.50		Billed Amount (\$)
					\$77,244.50	Iotal	Open Amount (\$)
ir. No.	Contract	Number	Period To	From Company	Current Payment Due (incl. Retainage Amount - 5%)	Status	Remarks
1		KH - 03 - MC - 001 - <b>PA# 0001</b>	10/31/2022		\$210,161.04	Billed	
	KH - 03 - MC - 001 - Mechanical Construction	KH - 03 - MC - 001 - <b>PA# 0002</b>	2/1/2023	Bertussi Contracting	\$490,386.73	Open	CSArch comments sent (02/28/202 back to GC, Revised submission for review pending by GC
							Total Item
					\$210,161.04		Billed Amount (\$)
					\$490,386.73	Total	Open Amount (\$)
r. No.	Contract	Number	Period To	From Company	Current Payment Due (incl. Retainage Amount - 5%)	Status	Remarks
1	KH - 03 - MC - 001 - Plumbing Construction	KH - 04 - PC - 001 - <b>PA# 0001</b>	10/31/2022	Mace Contracting Corp.	\$241,822.50	Open	Under Review
	-						Total Item
					\$0.00	Total	Billed Amount (\$)
					\$241,822.50	Total	Open Amount (\$)
			Sumary - Billed + C	pen - Amounts (\$)	,		
					\$714,562.35	Grand To	tal Billed Amount (\$)
					\$861,360.73	Grand To	tal Open Amount (\$)
					\$1,575,923.08	Grand Total (E	tilled + Open) Amount (\$)



### <u>Phase 1A – Flooring Abatement - Pay Request's Summary - To Date</u>

<u>Pro</u>	ject Name : Phase 1A - Flooring Aba	Pay Requests Summ	ary Till D	ate_		Ja	cobs
Sr. No.	Contract	Number	Period To	From Company	Current Payment Due	Status	Remarks
1	1A - 01 - GC - MILBURN - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - <b>MILBURN</b> - NEW YORK STATE - 001 - <b>PA# 0001</b>	7/31/2022	RENU Interiors	\$2,702,224.80	Billed	-
2	1A - 01 - GC - MILBURN - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - <b>MILBURN</b> - NEW YORK STATE - 001 - <b>PA# 0002</b>	8/31/2022	RENU Interiors	\$2,050,195.04	Billed	-
3	1A - 01 - GC - MILBURN - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - <b>MILBURN</b> - NEW YORK STATE - 001 - <b>PA# 0003</b>	9/30/2022	RENU Interiors	\$27,181.95	Billed	-
4	1A - 01 - GC - MILBURN - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - <b>MILBURN</b> - NEW YORK STATE - 001 - <b>PA# 0004</b>	10/31/2022	RENU Interiors	\$28,435.87	Billed	-
5	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - <b>PA# 0001</b>	7/31/2022	RENU Interiors	\$1,796,575.36	Billed	-
6	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - <b>PA# 0002</b>	8/31/2022	RENU Interiors	\$2,244,478.10	Billed	-
7	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - RENU Interiors	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - <b>PA# 0003</b>	9/30/2022	RENU Interiors	\$1,103,764.15	Billed	-
8	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - <b>PA# 0004</b>	10/31/2022	RENU Interiors	\$120,449.30	Billed	-
9	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - RENU Interiors	1A - 01 - GC - RENU - <b>BAYSHORE</b> - 002 - <b>PA# 0005</b>	1/31/2023	RENU Interiors	\$146,688.42	Open	Jacobs Reviewed (02/16/2023), CSARch to review & comments
							Total Items: 8
					\$10,073,304.57	Total Billed	Amount (\$)
					\$146,688.42	Total Open A	Amount (\$)
					\$10,219,992.99	Grand Total (Bi Amour	
	kahua.**					Pag	ge 1 of 1



### <u>Phase KH - Kitchen Hoods Replacement - Change Order's Summary To Date</u>

Proj	ect Name : Kitchen Hoods Replacen	nent	Change Orders Sui	mmary Ti	ill Date		j	acobs
Sr. No.	Contract	Number	Description	Workflow Status	Total	Current Contract Amount	Status	Remarks
1		0001	CO # 2 - R1 - Temporary Storage	Locked	\$23,300.00	\$986,300.00	Approved	-
2	MIL OF CO. ON PERMIT	0002	Additional Abatement @ Chestnut Ridge	In Review	\$17,271.05	\$986,300.00	Open	Under Review
3	KH - 01 - GC - 001 - <b>RENU Interiors</b>	0003	Flashing of 4 HVAC EPDM pipe boots & 2 copper pitch pockets and flashing	In Review	\$2,687.50	\$986,300.00	Open	Under Review
4		0004	Life & Safety Plan Work East Ramapo	In Review	\$24,395.36	\$986,300.00	Open	Under Review
5		0001	Kitchen Refrigeration Units	In Review	\$16,099.36	\$296,099.36	Approved	
6		0002	Kitchen Refrigeration Repairs	In Review	\$946.61	\$296,099.36	Open	Under Review
7	KH - 02 - EC - 003 - Rockland Electric	0003	Fire Alarm Start Up	In Review	\$3,416.83	\$296,099.36	Open	Under Review
8		0004	Temporary Wiring T&M	In Review	\$4,556.71	\$296,099.36	Open	Under Review
9		0005	Permanent Wiring T&M	In Review	\$3,053.11	\$296,099.36	Open	Under Review
					1			Total Items:
						\$39,399.36	Total Approved Change	Order's Amount (\$)
						\$56,327.17	Total Open Change Orde	er's Amount (\$)
						\$95,726.53	Grand Total Change	Order's Amount (\$)
	cowered by							Page 1 of 1



### Phase 1A - Flooring Abatement - Change Order's Summary - To Date

#### **Change Orders Summary Till Date Jacobs** Project Name: Phase 1A - Flooring Abatement Workflow **Current Contract** Contract Status Number Description Total Remarks No. Status Amount 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 0006 Margetts - PCO # 14 Locked \$33,600,00 \$5,743,274,47 **Approved** 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 2 0005 Pomona - PCO # 10 Locked \$17,952.00 \$5,743,274.47 **Approved** 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 3 0004 Pomona - PCO # 5 Locked \$15,812.00 \$5,743,274.47 **Approved** Elmwood - PCO # 4 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 0003 Locked \$5,433.00 \$5,743,274.47 Approved 5 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 0002 Elmwood - PCO # 6 Locked \$7,054.00 \$5,743,274.47 **Approved** 1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors 0001 Kakiat - PCO # 8 Locked \$33,120.00 \$5,743,274.47 Approved Total Items: 6 **Total Approved Change** \$112,971.00 Order's Amount (\$) kahua? Page 1 of 1



### Phase 1A - MEP Package - RFI LOG- To Date (Page - 1 of 2)

Current Date	3/7/2023			East Ramapo Centi	to Palma Province		
TOTAL	016			East Ramapo Centr	ral School District		
Due < 2 DAYS OVERDUE				Jac	ODS		
				Request For Information: 5			
TO CONTRACTOR							
RFI No #	School	Date Submitted	Due Date	GC - Question	CSArch - Answer	Returned	Status
991	Kalon	1/13/2023	1/20/2002	Orante (MSS ADDIS Dono core DALI call for the -oriental lower assorbal to be corrosed and for the lated to comple. Detail 3 on Drawing 1991 shows now little is, to a make lotted required only where new USs as being installed where one did not each previously?	New listes are for new openings (where no UV existed below).	1/29/2029	crossp
901	Keldet	1/13/2023	1/20/2023	In these a specification for the new brish to be installed at more equatings?	Brisk, colar, star, and texture to makin cultising with no observable difference in flesh form 10 feet away. See attached spec section for vencer reasonry for additional information.	1/23/2023	CLOSED
991	Kaldet	1/33/2023	1/20/2023	With most of the Refigured on comparement can the conducing who for the AC unit that we to remain be included on the existing greated from P.M. one conducting the Section of the AC unit that we to remain be included on the existing greated from P.M. one conducting the Section of the AC unit that we have been according to the AC unit that we have the AC unit that we have been according to the AC unit that we h	Breglis does not recommend this, the careforees were intended to work as bent pumps and in the winter, they would need to be above snow lite, being this location is right excelled electronous whethere notice will be an issue. Variables in allow a concern for ground mounted equipment.	1/23/2023	QOSED
901	Kalifor	1/11/2029	1/20/2023	With most of the infrigeration scope in invest will the demolston of the obting electrical switchboard still be required? Can the piecer for the renaining new loads be handled from calcing passes or can a new panel be tapped off the costing?	Scope of work indicated in to keep existing switchboard and top for connection to new panelboard to serve new circuits.	1/23/2029	CLOSED
901	Kahlat	1/13/2023	1/20/2023	to the areas where calling removal and reinstallation is required has the calling material and restarials above the calling bean confirmed as fron-ACM areas?	Yes, refer to report and Appendix A of the report.	1/23/2023	CLOSED
901	Kalifor	1/13/2029	1/20/2023	Is any of the existing piping insulation ACM or FACM?	Gray Madded Elbaw Insulation was confirmed from ACM. Refer to report and Appendix A of the report.	1/23/2023	CLOSED
901	Kalifat	1/11/2025	1/20/2028	Kaldat-What happens for UV in Storage 001C Day E0115 & E115	Demofition of existing air handler feeding the gym. This is replaced with RTU.	1/23/2023	CLOSED
ani	Katha	1/11/2020	1/20/2001	Clarify that trans date, and intend to replace Lower board on manhanistic downings and contrary to architecturals.			WOMETE
901	Kalifet	1/11/2025	1/20/2025	Decree entiting abstrict finders	If effering to revising broand circuits feeding endoting UVs, Energia does not recommend revising Circuits. The condition of entring passibleants appears to be poor and new equipment should be connected to new circuits and persobores to enters realized trianslations.	1/25/2025	INCOMPLETE RESPONSE (Architect) Engineer to provide drawing no. & detail no.)
901	Kalifor	1/13/2023	1/20/2023	Distant Missing UV In electrical drawings: Dec shows 75, mech shows 75 Destrical drawings skip 54 on the schedule, and skips 54 on the drawings.	Unit UV-\$4 added to electrical scope.	1/23/2023	INCOMPLETE RESPONSE (Architect/Engineer to provide addendum sketch)
901	Kalifor	1/13/2029	1/20/2028	For DV replacements, can well bosses be reused & not replaced?	In general, we won't to design arrand one backbases being required end if the ministing can be reused, the contractor should within the ISI at that three indicating rainting has conditions and also being subsyste for mean. I would not design arrand musting searching like their jurnal cost).	1/23/2023	CLOSED
901	Kaldor	1/11/2029	1/20/2023	What possibilities, if any, while for work access to indoor work areas PROOR to carechains of deases in June? For example, could sorm, any clearance wings be made weakled in 1649;7	We have solved the district this question and have seel heard have from the district yet. In order for the district to understand the type of access Trace is looking for order to the end of the stool year can Tose provide a nursifier of the type of construction architects they undiques performing pairs to the end of the short gwest.	1/23/2029	INCOMPLETE RESPONSE (No classrooms are available for construction outside of the summer window)
901	Margers	1/13/2023	1/20/2028	Orwating MCS ADDID-Champ code DA11 calls for the existing lower assembly to be nemoced and for the limit to remain. Detail 3 on Drawing TV33 shawn now Enterls. In a new thirst required only where new UVS are being installed where one did not only predictory? Foreir a time capect, Trans recommends Classing and resolting lowers.	Rewillistate are for new operatings (where no UV existed before).	1/23/2023	CLOSED
901	Mergets	1/11/2028	1/20/2028	Is there a specification for the new brick to be installed at new opening?	See response for Kalist.	1/21/2028	
901	Margets	1/13/2029	1/20/2023	With most of the Entirepretion copys removal, can the conducting units for the AC with that are to remain be initialled on the exterior ground finer? All more conducting could be set or convey path. This will administer entirely to our analyzed to play good friends wiring up through the school and administer the need to do detection abstracts as the cont for one point and promotion.	Similar response to that at Kaloini, Evergia does not recommend.	1/23/2029	
991	Margets	1/13/2023	1/20/20023	With most of the intrigration scope remined will the denoision of the coloring electrical switchboard still be required? Can the power for the remaining new loads be handled from saiding panels or can a new panel be support of the saiding?	Switchbase implacement and required. Will inside coupe to indicate connection to existing cultivateurs.	1/23/2023	INCOMPLETE RESPONSE
901	Margots	1/13/2023	1/20/2023	In the areas where ceiling removal and reinstallation is required has the ceiling material and reaterials above the ceiling been cerfitmed as Non-ACM areas?	Yes, refer to report and Appendix A of the report.	1/23/2023	CLOSED
901	Margets	1/13/2029	1/20/2023	Is any of the existing piping insulation ACM or PACM?	Yes, refer to report and Appendix J of the report.	1/23/2029	CLOSED
991	Margets	1/13/2029	1/20/2023	With the AC being removed, and the possibility of not requiring an electrical service upgrade, can the existing feeders to the U/s be re-used rather than denne'd and	We do not recommend reusing circuits. The condition of existing parallecands appears to be pror and new equipment should be connected to new tricuits and parallecands to ensure realized installation.	1/23/2023	INCOMPLETE RESPONSE (Architect/Ingineer to provide drawing no. & detail no.)
931	Margets	1/11/2029	1/20/2023	Please confirm if there are 3 existing UVs that are not shawn on MD112 that need to be removed	Those are new likit Vestilators.	1/23/2023	INCOMPLETE RESPONSE
901	Margala	1/11/2021	1/20/2023	For UV replacements, can well bases be record & not replaced?	In general, we want to design arrund now busideness being majoined and if the existing can be exceed, the contractor desictle submit an IRII at that three inducting colding but conditions and the being adsequant for room, I would not design arrund rooms preventing that that format conf.	1/21/2021	GLONED
931	Mergets	1/13/2025	1/20/2023	What possibilities, if any, mint for work access to indoor work areas PROR to conclusion of docume in invest for example, could cores, any cleanorem wings be made available to Mogif	We have asked the district this question and have not heard best from the district, yet, to order for the district to understand the type of access from a likelihood per point in the and of the school year can have provide a manaface of the type of construction activities activities when the period part is to the and the school year?	1/25/2025	INCONTRATE RESPONSE (No classrooms are evaluable for construction outside of the number extends w)
932	Margets	1/23/2023	1/30/2023	The current disastings show creatifies of a ARI. The ARI is correctly a cultiform bild current by game, criterials, and the criticis wall wash for the current correctly assessed and a second contract of the current			
002	Margets	1/23/2023	1/90/2023	Chordron 6,736 hove 11° radiators with glass. Can you picace provide a detail on how you want to handle the window modification in this space?	The windows for Classrooms 6, 7 and Ears to be replaced in a house phase of work and the windows offload in whiteholder to be reconstructed in the VP highs at the time. Can be installed for this times agrees the held off with this held of the uniform over emparted in these observation?	1/2/2023	INCOMPLIE BESPONSE (Analidans/longisses to provide drawing no. 8. detail no.)
902	Margets	1/21/2029	1/90/2028	The enable condition of the piping configuration is that the fintule salization and UV are piped in series. Can you please provide a detail confining the UV piping for this.	See attached distrals	8/2/2023	CLOSED
902	Margets	1/23/2023	1/30/2023	The seath condition shows that all valves are 2 years valves. The current diswings have these all being changed to 3 way valves, in the bet water rantem ready to be convented to constant source system with this change?	The, these partys here a YEE but the sociable squared carefular are not these [and there is no loggess in Italian Bours'], but and of thing bother recommended content to make this a national system are prepared using 3-way values.	1/2/2023	closep
952	Margers	1/23/2023	1/90/2023	The scale coefficio shares that behind the UVF and californ's in-learnorm there is an epen planner than across the words hought of the classroom to fixed this unit with Occasion at, convex plans chiefly have the sees California of UVF are to be insufated to account for this open ally plansars?	Can you pilease send as pictures of the situation you are referring to.	9/1/103	INCOMPLETE RESPONSE

### Phase 1A - MEP Package - RFI LOG- To Date (Page - 2 of 2)

Current Date TOTAL Due < 2 DAYS OVERDUE TO CONTRACTOR REI No #	3/7/2023 016			East Ramaged Cente  Jac			
OVERDUE TO CONTRACTOR	School			- 1215			
	School						
RFI No N	School			Request For information: 5	Business Days for Review		
		Date Submitted	Due Date	GC - Question	CSArch - Answer	Returned	Status
962	Margata	1/25/2013	1/50/5025	In the contents pursue it does beingering bits the old blatter upton. Do be the ball and the TPT people is a manage, and contempting in the other pixel is done pixel to the pixel be the pixel being a distribution of the pixel being a distributi	Management year for the EFE's to be latted a Tellion to Suppose and to register the responsibility constitution it has distributed and share over their conditionation for all colonials.	5/2/2025	(10369)
063	Kaklat	1/23/2023	1/90/2023	In UV-35 supposed to get ossiling as shown?	No, that condenser isseed ACCU 35 on the schedule was a type. That room is not getting cooling.	2/6/2023	CL0560
oes	Existe	1/21/2021	1/50/2025	Where is electrical coming from with service upgrade removed from scope. Please either provide updated pasel schedules, or ideally, update electrical drawlings. This is to both schedule.	Updated electrical drawings should be sent this week for Margetts and Xekint.	2/6/2023	INCOMPLETE RESPONSE
oes	Estitet	1/21/2021	1/50/2025	The omitie condition of the piging configuration is that the fintabe naidealan and UV are piped in serios. Can you please provide a detail extining the UV piging for this.	See attached distrib in the response file.	2/6/2023	ciawo
003	Kaklat	1/21/2021	1/80/2028	the cruise condition shares that all values are Zenny values. The current drawings have those all being changed to 2 way values , is the hot value system ready to be convented to constant values a years with this change?	Yes, these pumps have a NO but the variable speed controls are not there (and there is no bypess in Boller Room), instead of doing builter room modifications to make this a sociable speed system are proposed uning 3 way solves.	2/6/2023	CLOSED
003	Eastet	1/23/2023	1/50/2023	The Crym at bailed is showing carbon recessoride detection. In this supposed to be carbon climide?	No that is a gas fired ETU, so we need the Carbon menoside sensors. In general, we used eccupancy sensors (not CO2) for DCV on this project.	2/6/2023	0.0909
oes	Earliet	1/21/2023	1/50/2025	AD201 note 9- are we responsible for demolting a FACM sink and all the udities?	Phases provide disoring reference, AE201 is an elevation disoring.	1/6/2025	INCOMPLETE (CENTRACTOR TO CLASHY)
009.1	Kaldis	2/7/2023	2/12/2023	PriCEN strike nam in Recent 136C and 224A, the develops 1002 and 1884.			INCOMPLETE (CONTRACTOR TO CLARIPY)
903	Kahlat	1/25/2025	1/50/2025	Date is a discipancy between the new work in discrepan A33 for believe that VIV in discrepan 334 \$337 A3333 does nervoul or set (mores in room 335/33) and the entiring VIV are setling large. Effort in the collecting gate laws, why remove relations 2 days, more discoving the VIV and observate Green is from 135/132 and the	Remain celling mounted UVs in Classroom 116 and Classroom 137 as indicated in Mechanical drawing M0111A and drawing AR011. Eating residence revers to remain.	2/6/2025	CLOSED
00%	Exist	1/21/2021	1/50/2025	The condire conditions shows that behind the UV's and cobinety in classroom there is an open pleasar hous access the entire longth of the classroom to feel the with Condition Ur. Case you pleasar feeling have the new Calibrary and Ur's are to be included to account for this open air pleasars.	On you please send on placement the situation you are referring to.	2/6/2025	INCOMPLETE RESPONSE
001.3	Exclus	2/1/2023	2/13/2025	Beans 254, the house in clearly in hour of the hate reduction, and behind a disable cell of therefore and physicols, not behind a UV. We have looked out the window and OUT to be Harard Ectly Notified to UV. Pitters is standed.			
oes	District	1/21/2023	1/50/2025	ACI12, discreams 11, 12, & 13 show so dome for calling here UFs. The she conditions show calling here on's in space.	Remove celling resented I/Os per Meubonical Directory MD113.	7/6/7073	include key notes
005	Kuhlut	1/25/2028	1/50/2025	for the contents passed it does integrated better the distance uption. The bit is the first that the FFT a going in the content plan and companying in the other plan at the content plan and the cont	Accessively pile for the 24% to be deal a 166 cm Magnes 4 system and to explace the supervisory controllers from Belleting to Tribles and base one and therefore the distribution of Magnes 5 systems and to explace the supervisory controllers from Belleting to Tribles and base one	1/6/2025	CL0969
064	Kakiat & Margata	2///2023	2/14/2025	The project rarge lockules conseling new years circuits in ISI. These plans to shandon all existing consell, conductors ext. in plans. This will brift now fine and cost on the cost payor in socialistics.	CHERGIA DOCS NOT RECOMMENDA AMENDERHIA DISTITUS WIRRING ALL WIRRING SHOULD BE REMOVED BACK TO COURTE, CONFERTS BECASED IN CONCRETE CAN RE AMENDERMAN DE OUT AND CAPITAT USER TO FELORE, COORDINATE ADMITIONAL FRIEDRI RECOMMENDATION WITH AND OFFICE IN THE PROPERTY OF THE PR	2/25/1023	INCOMPLETE (ADR TO CLAREY)
064	Kakiat & Margets	2/7/2028	2/14/2023	Names admits if it is exceptable to still in MCC feelin cobis for peral hourd feelines where consoled. Whi will reduce the querity of salling sements associated with the feeder installation and proofules cost seriespi to the district. Conduit is wire except the stiffeed where separate in areas such as the bother cooms or main electrical recons-	MHIRGA I MAS NO EXCEPTOR, ARCHITECT TO ADMIN IS NOVOL ESSIBET ORICENTO NE CARE IN CORRELIES INCOMORIA.	2/25/2023	INCOMPLETE (AOR TO CLARFY)
005	Ramipo HS	2/7/2023	2/14/2025	While the the stern remains for the districts for all subscrib to plane 1	Namaço NS - Existing Fre Alarm Cortos Francis Fre-Lite (Haseywell).  Spring Yafey NS - Edicing Fre-Alarm Cortos Frencis Little (Haseywell).  do not know what new value of the epitemio).	2/15/2023	INCOMPLETE RESPONSE
065	Ramapa HS	2/7/2023	2/14/2023	What is the % glyrol If any is the hor water at all districts			
005	Ramapa HS	2/7/2023	2/14/2023		Object is provided at Spring Valley No for the near childre. We are specifying 29% NG. This matches the design documents from 2000 when the obliven were included.		CLOSED
ces	Hamagua HS	2/14/2023	2/21/2025	Who is the consist independently ventary utilized by the school or if it is performed in honce as it indices to cannot and if reconstance associated with cetting (	The district stillard historiage Solution for the recent II is security approfes to therepoints. They worked very depairy with DRCOT Director of II and Cales Teachy, thinkin Careful Special Solution and Solution and Solution and Solution Solution Careful Special Solution (Solution Solution) and Solution Solu	2/14/2023	стамо
ces	Hamapa HS	2/54/2023	2/21/2028	Procede specifications for lighting finitums such as 2-1, 1-4, etc. as it is impossitional and cost probibition to receive, store 6 inhibited finitums where now cellings are bring provided.	The scope is to carefully remove, store, and relustall all caleding flatures as there is no backet to do new flatures. Constructor to proceed with scope as inflatined on directings.	2/14/2023	CLOMO
067	Kallit	2/17/2023	2/24/2023	Please provide a description or detail of a luxuered perefessor, including size required.			
066	All 4 Subsols	2/17/2028	2/24/2026	Confirming that ProPress and Zoomscock fittings can be used on all copper piping installations throughout the work at Kakor, Morgress, Romapo HS, and Spring Valley HS.	Viego PrePires and Parker ZeresLods MAX are acceptable for copper gipe fitting installations at the installation coded above. Zeronick RMM and other con-marketical titles systems are not permitted.	2/17/2028	croses
000	Margets	2/20/2028	2/27/2028		ERV.: should be a Renovable EVESERT Unit. Machanical schedule to be updated immediately. Data sheet / Specification sheet attached.	2/21/2028	CLOSED
010	High Schools	2/24/2023	3/1/2023	Place after E.S. acceptable to stillar MC fielder subb for pseudosent fusions, where concealed. The all selected to quantity of sulley removed acceptant with the freedo inconflator and pseudose cost seelings in the studies. Conduit & wire would be estimated where supposed in seven under the fusions conserve made distributions.	· ·		
051	High Schools	stadama	6/4/2000	There are property of new YEECOS beams sharen by insuffed below yest fived. If possible, or which is desired to be insuffed below yest fived. If possible, or which became be discipled to be insuffed above yest, controlly as esterior desirange, in order to minimize the work in the ceiling and avoid beauty to only 27 four beams and if they place in their gives and of their gives in their gives the in their gives the order gives in their gives and a three gives the interest of their gives and a three gives the interest of their gives and a three gives the gives and their gives the interest of their gives and their giv			
012	Earliet	2/24/2023	5/1/2015	CORPTION for Expense with a set Edited to related and and the diversity substitution as the Corption, but to this how a sometim with a consent on the demongs, Co-Page MELIER.			
013	Ramapa HS	רנוסי/כל/ג	1/4/2021	No. In the second this is more the absorbed used on the med (s).  Note the below the delic in the part of the part			
034	Margate	3/1/2023	5,84,75055	Reporting small for how the engineer would the the entering benchmark relation system recollects to the later continuities 10%. There are 6.0 Year with this contribution.			
015	Kakiat & Margata	3/1/2023	5/8/3025	Please provide a specification on what is required for hard surface constants up at the 2 elementary subsols so the type and local case be prived			
016	Kakian & Margets	1/1/2023	3/8/2023	Please provide updated electrical densitings as electrical can be privad in succedance with the result up to date densiting. Entiting electrical densitings are dated August 2022.			

Daily Construction Field Reports are available upon request.

**END OF REPORT**