Jacobs

November 2023

ARPA Monthly Progress Report

for

East Ramapo Central School District

Time Period: 11/18/2023 - 12/18/2023

Issued on 12/18/23 by:

Jacobs Construction Management Services

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1. Construction Update

a. ARPA Project Overview Statement

Project Statement:
The East Ramapo Central School District has embarked on a major district-wide capital improvement project through the American Rescue Plan Act of 2021 (ARPA) funding, in combination with an Energy Performance Contract (EPC) which together endeavor to expand the program in the following areas:

1) District-wide indoor air quality & select thermal envelope improvements
2) District-wide security improvements
3) Hazardous materials removals & replacements
4) District-wide ADA improvements
5) other energy related saving measures

Project Areas Expanded:

1. **Indoor Air Quality & Thermal Envelope Improvements:**
   MEP Upgrades
   - Up to Thirteen (13) Schools

   Window Replacements
   - Two (2) - Three (3), up to eight (8) Schools

2. **Security Improvements:**
   Doors & Hardware Replacements
   - Up to Thirteen (13) Schools

3. **Hazardous Materials Removals & Replacements:**
   Flooring Abatement & Replacements
   - Eleven (11) Schools (+/-) 720,000 sf

   Kitchen Hood Abatement & Replacements
   - Eleven (11) Schools

4. **ADA Improvements:**
   ADA Upgrades
   - Up to Thirteen (13) Schools

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ARPA Project Description

PHASE 1:

EMERGENCY PROJECT: Flooring Abatement & Replacements - (state contract)

- Spring Valley High School +/- 120,000 sf

PHASE 1A:

Flooring Abatement & Replacements - (state contract)

- **Four (4) Schools +/- 300,000 sf**
  - Elmwood Elementary School
  - Kakiat Elementary School
  - Margetts Elementary School
  - Pomona Middle School
- **Remaining Flooring & UV Casework**
  - Elmwood Elementary School

Kitchen Hood Abatement & Replacements - (multi-prime contracts)

- **Phase #1 2022: Six (6) Schools**
  - Chestnut Ridge Elementary School
  - Elmwood Elementary School
  - Hempstead Elementary School
  - Kakiat Elementary School
  - Pomona Middle School
  - Margetts Elementary School

- **Phase #2 2023: Five (5) schools**
  - Eldorado Elementary School
  - Fleetwood Elementary School
  - Grandview Elementary School
  - Summit Park Elementary School
  - Lime Kiln Elementary School

MEP Upgrades - (state contract)

- Kakiat ES & Margetts ES – Scheduled for Summer 2024

PHASE 1B:

- **ADA Upgrades** - (state contract) – Proposals to be received Fall 2023
  - Ramapo High School
  - Spring Valley High School
  - Elmwood Elementary School
  - Kakiat Elementary School
  - Margetts Elementary School
- **Doors & Hardware Replacements** - (state contract) - Winter / Spring / Summer 2024
  - Ramapo High School
  - Spring Valley High School
  - Elmwood Elementary School
  - Kakiat Elementary School
  - Margetts Elementary School

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- **Window Replacements** - (state contract) - Spring 2024
  - Margetts Elementary School
  - Elmwood Elementary School
  - Kakiat Elementary School

PHASE 3A:

Flooring Abatement & Replacements

- Six (6) Schools
  - Eldorado Elementary School
  - Fleetwood Elementary School
  - Grandview Elementary School
  - Summit Park Elementary School
  - Hempstead Elementary School
  - Lime Kiln Elementary School
- Includes Piping covers, Fixed & Movable Casework and Windowsills
- Elmwood Elementary School - Summer 2024

PHASE 3B:

Doors & Hardware Replacements - (state contract) - Spring / Summer / Fall 2024

- Eight (8) remaining Schools

PHASE 3C:

ADA Upgrades - (state contract) - Proposals to be received Fall 2023

- Eight (8) remaining Schools

PHASE 3D:

Window Replacements - (contract type pending) - Spring / Summer / Fall 2024

- Seven (7) remaining Schools

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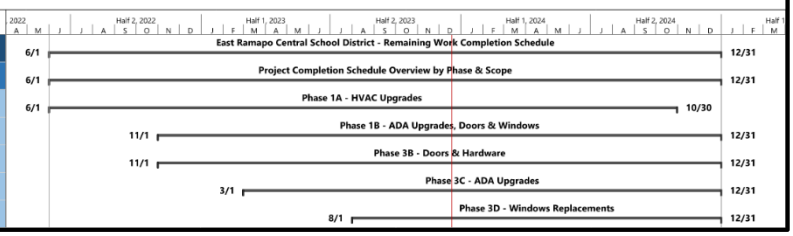
b. Schedule Overview (Level 3) – v.8. DRAFT (12/18/2023)

ERCSD ARPA Improvements - Project Completion Schedule (Remaining Work)

Jacobs
Challenging today.
Reinventing tomorrow.

ID	Task Mode	Task Name	Duration	Start	Finish
1		East Ramapo Central School District - Remaining Work Completion Schedule	677 days	Wed 6/1/22	Tue 12/31/24
2		Project Completion Schedule Overview by Phase & Scope	677 days	Wed 6/1/22	Tue 12/31/24
3		Phase 1A - HVAC Upgrades	633 days	Wed 6/1/22	Wed 10/30/24
11		Phase 1B - ADA Upgrades, Doors & Windows	568 days	Tue 11/1/22	Tue 12/31/24
34		Phase 3B - Doors & Hardware	568 days	Tue 11/1/22	Tue 12/31/24
43		Phase 3C - ADA Upgrades	482 days	Wed 3/1/23	Tue 12/31/24
52		Phase 3D - Windows Replacements	371 days	Tue 8/1/23	Tue 12/31/24

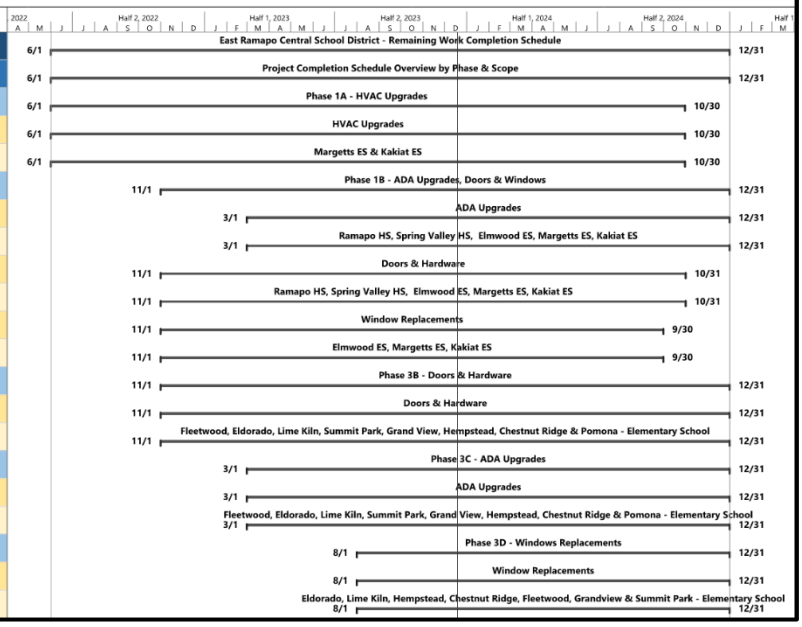


b. ARPA Schedule Overview (Level 5) – v.8. DRAFT (12/18/2023)

ERCSD ARPA Improvements - Project Completion Schedule (Remaining Work)

Jacobs
Challenging today.
Reinventing tomorrow.

ID	Task Mode	Task Name	Duration	Start	Finish
1		East Ramapo Central School District - Remaining Work Completion Schedule	677 days	Wed 6/1/22	Tue 12/31/24
2		Project Completion Schedule Overview by Phase & Scope	677 days	Wed 6/1/22	Tue 12/31/24
3		Phase 1A - HVAC Upgrades	633 days	Wed 6/1/22	Wed 10/30/24
4		HVAC Upgrades	633 days	Wed 6/1/22	Wed 10/30/24
5		Margetts ES & Kakiat ES	633 days	Wed 6/1/22	Wed 10/30/24
11		Phase 1B - ADA Upgrades, Doors & Windows	568 days	Tue 11/1/22	Tue 12/31/24
12		ADA Upgrades	482 days	Wed 3/1/23	Tue 12/31/24
13		Ramapo HS, Spring Valley HS, Elmwood ES, Margetts ES, Kakiat ES	482 days	Wed 3/1/23	Tue 12/31/24
20		Doors & Hardware	525 days	Tue 11/1/22	Thu 10/31/24
21		Ramapo HS, Spring Valley HS, Elmwood ES, Margetts ES, Kakiat ES	525 days	Tue 11/1/22	Thu 10/31/24
27		Window Replacements	502 days	Tue 11/1/22	Mon 9/30/24
28		Elmwood ES, Margetts ES, Kakiat ES	502 days	Tue 11/1/22	Mon 9/30/24
34		Phase 3B - Doors & Hardware	568 days	Tue 11/1/22	Tue 12/31/24
35		Doors & Hardware	568 days	Tue 11/1/22	Tue 12/31/24
36		Fleetwood, Eldorado, Lime Kiln, Summit Park, Grand View, Hempstead, Chestnut Ridge & Pomona - Elementary School	568 days	Tue 11/1/22	Tue 12/31/24
43		Phase 3C - ADA Upgrades	482 days	Wed 3/1/23	Tue 12/31/24
44		ADA Upgrades	482 days	Wed 3/1/23	Tue 12/31/24
45		Fleetwood, Eldorado, Lime Kiln, Summit Park, Grand View, Hempstead, Chestnut Ridge & Pomona - Elementary School	482 days	Wed 3/1/23	Tue 12/31/24
52		Phase 3D - Windows Replacements	371 days	Tue 8/1/23	Tue 12/31/24
53		Window Replacements	371 days	Tue 8/1/23	Tue 12/31/24
54		Eldorado, Lime Kiln, Hempstead, Chestnut Ridge, Fleetwood, Grandview & Summit Park - Elementary School	371 days	Tue 8/1/23	Tue 12/31/24



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b. Schedule Overview (Level 6) – v.8. DRAFT (12/18/2023) – (Page 1 of 2)

ERCSD ARPA Improvements - Project Completion Schedule (Remaining Work)

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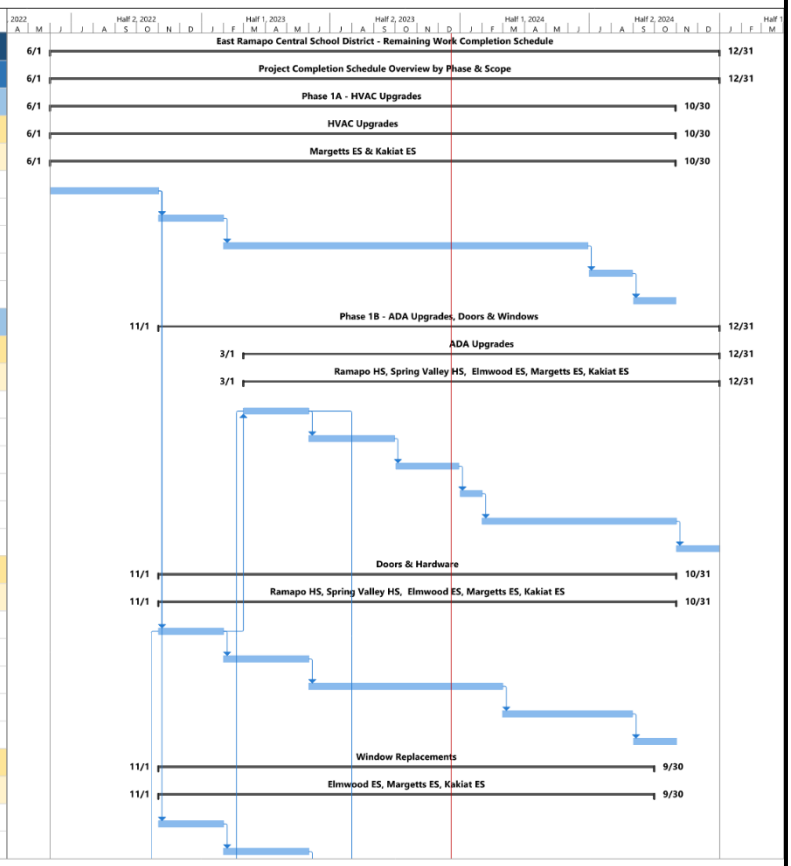
Challenging today.
Reinventing tomorrow.

ID	Task Mode	Task Name	Duration	Start	Finish
1		**East Ramapo Central School District - Remaining Work Completion Schedule**	**677 days**	**Wed 6/1/22**	**Tue 12/31/24**
2		**Project Completion Schedule Overview by Phase & Scope**	**677 days**	**Wed 6/1/22**	**Tue 12/31/24**
3		**Phase 1A - HVAC Upgrades**	**633 days**	**Wed 6/1/22**	**Wed 10/30/24**
4		**HVAC Upgrades**	**633 days**	**Wed 6/1/22**	**Wed 10/30/24**
5		**Margetts ES & Kakiat ES**	**633 days**	**Wed 6/1/22**	**Wed 10/30/24**
6		DESIGN Submission & Approval	109 days	Wed 6/1/22	Mon 10/31/22
7		SED Submission & Approval	66 days	Tue 11/1/22	Tue 1/31/23
8		New equip. procure & Submittals	370 days	Wed 2/1/23	Fri 6/28/24
9		Construction Work	45 days	Mon 7/1/24	Fri 8/30/24
10		Closeout	43 days	Mon 9/2/24	Wed 10/30/24
11		**Phase 1B - ADA Upgrades, Doors & Windows**	**568 days**	**Tue 11/1/22**	**Tue 12/31/24**
12		**ADA Upgrades**	**482 days**	**Wed 3/1/23**	**Tue 12/31/24**
13		**Ramapo HS, Spring Valley HS, Elmwood ES, Margetts ES, Kakiat ES**	**482 days**	**Wed 3/1/23**	**Tue 12/31/24**
14		DESIGN Submission & Approval	67 days	Wed 3/1/23	Wed 5/31/23
15		SED Submission & Approval	88 days	Thu 6/1/23	Fri 9/29/23
16		BID Submission & Approval	65 days	Mon 10/2/23	Fri 12/29/23
17		New equip. procure & Submittals	23 days	Mon 1/1/24	Wed 1/31/24
18		Construction Work	196 days	Thu 2/1/24	Thu 10/31/24
19		Closeout	43 days	Fri 11/1/24	Tue 12/31/24
20		**Doors & Hardware**	**525 days**	**Tue 11/1/22**	**Thu 10/31/24**
21		**Ramapo HS, Spring Valley HS, Elmwood ES, Margetts ES, Kakiat ES**	**525 days**	**Tue 11/1/22**	**Thu 10/31/24**
22		DESIGN Submission & Approval	66 days	Tue 11/1/22	Tue 1/31/23
23		SED Submission & Approval	87 days	Wed 2/1/23	Wed 5/31/23
24		New equip. procure & Submittals	197 days	Thu 6/1/23	Thu 2/29/24
25		Construction Work	131 days	Fri 3/1/24	Fri 8/30/24
26		Closeout	44 days	Mon 9/2/24	Thu 10/31/24
27		**Window Replacements**	**502 days**	**Tue 11/1/22**	**Mon 9/30/24**
28		**Elmwood ES, Margetts ES, Kakiat ES**	**502 days**	**Tue 11/1/22**	**Mon 9/30/24**
29		DESIGN Submission & Approval	66 days	Tue 11/1/22	Tue 1/31/23
30		SED Submission & Approval	87 days	Wed 2/1/23	Wed 5/31/23



Project: ERCSD ARPA Improvements
Date: Tue 12/19/23

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress

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b. Schedule Overview (Level 6) – v.8. DRAFT (12/18/2023) – (Page 2 of 2)

ERCSD ARPA Improvements - Project Completion Schedule (Remaining Work)

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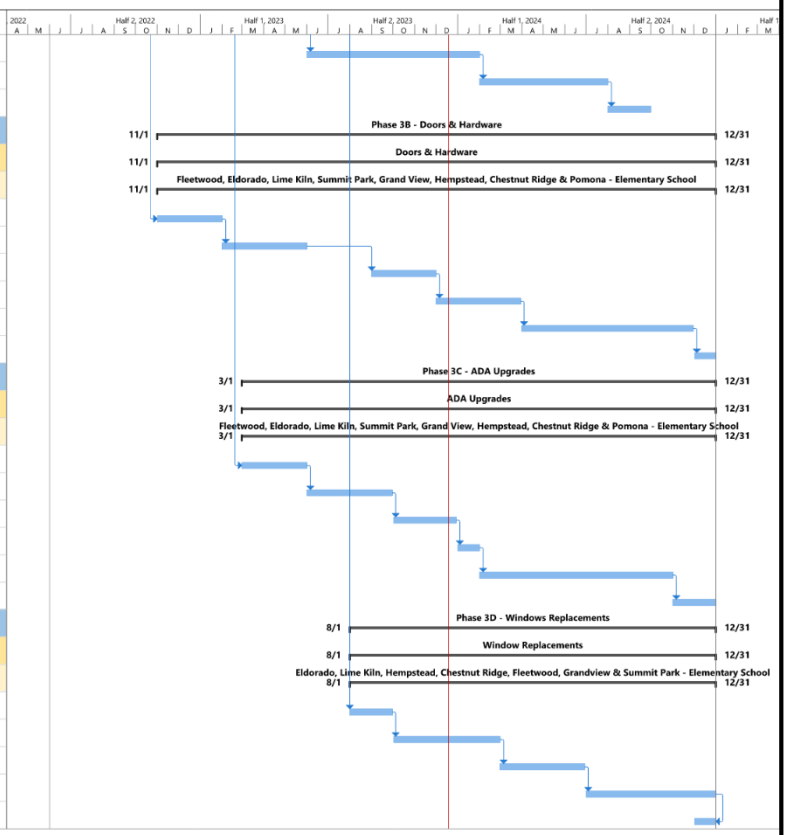
Challenging today.
Reinventing tomorrow.

ID	Task Mode	Task Name	Duration	Start	Finish
31		New equip. procure & Submittals	176 days	Thu 6/1/23	Wed 1/31/24
32		Construction Work	130 days	Thu 2/1/24	Wed 7/31/24
33		Closeout	43 days	Thu 8/1/24	Mon 9/30/24
34		**Phase 3B - Doors & Hardware**	**568 days**	**Tue 11/1/22**	**Tue 12/31/24**
35		**Doors & Hardware**	**568 days**	**Tue 11/1/22**	**Tue 12/31/24**
36		**Fleetwood, Eldorado, Lime Kiln, Summit Park, Grand View, Hempstead, Chestnut Ridge & Pomona - Elementary School**	**568 days**	**Tue 11/1/22**	**Tue 12/31/24**
37		DESIGN Submission & Approval	66 days	Tue 11/1/22	Tue 1/31/23
38		SED Submission & Approval	87 days	Wed 2/1/23	Wed 5/31/23
39		Submittal Review & Approval	65 days	Fri 9/1/23	Thu 11/30/23
40		New equip. order & procure	86 days	Fri 12/1/23	Fri 3/29/24
41		Construction Work	175 days	Mon 4/1/24	Fri 11/29/24
42		Closeout	22 days	Mon 12/2/24	Tue 12/31/24
43		**Phase 3C - ADA Upgrades**	**482 days**	**Wed 3/1/23**	**Tue 12/31/24**
44		**ADA Upgrades**	**482 days**	**Wed 3/1/23**	**Tue 12/31/24**
45		**Fleetwood, Eldorado, Lime Kiln, Summit Park, Grand View, Hempstead, Chestnut Ridge & Pomona - Elementary School**	**482 days**	**Wed 3/1/23**	**Tue 12/31/24**
46		DESIGN Submission & Approval	67 days	Wed 3/1/23	Wed 5/31/23
47		SED Submission & Approval	88 days	Thu 6/1/23	Fri 9/29/23
48		BID Submission & Approval	65 days	Mon 10/2/23	Fri 12/29/23
49		New equip. procure & Submittals	23 days	Mon 1/1/24	Wed 1/31/24
50		Construction Work	196 days	Thu 2/1/24	Thu 10/31/24
51		Closeout	43 days	Fri 11/1/24	Tue 12/31/24
52		**Phase 3D - Windows Replacements**	**371 days**	**Tue 8/1/23**	**Tue 12/31/24**
53		**Window Replacements**	**371 days**	**Tue 8/1/23**	**Tue 12/31/24**
54		**Eldorado, Lime Kiln, Hempstead, Chestnut Ridge, Fleetwood, Grandview & Summit Park - Elementary School**	**371 days**	**Tue 8/1/23**	**Tue 12/31/24**
55		DESIGN Submission & Approval	44 days	Tue 8/1/23	Fri 9/29/23
56		SED Submission & Approval	109 days	Mon 10/2/23	Thu 2/29/24
57		New equip. procure & Submittals	86 days	Fri 3/1/24	Fri 6/28/24
58		Construction Work	132 days	Mon 7/1/24	Tue 12/31/24
59		Closeout	22 days	Mon 12/2/24	Tue 12/31/24



Project: ERCSD ARPA Improvements
Date: Tue 12/19/23

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress

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c. ARPA Project - Projected Construction Work Areas (Summer 2024) - DRAFT

East Ramapo Central School District
ARPA Project - Construction Work Areas for 2024
11/3/2023

DRAFT - UPDATE

	School	Flooring Abatement & Replacements (Prep for EPC UV Replacement Project)	TRANE Unit Ventilator Replacement Projects (2 schools + 1 EPC prep)	ADA Toilet Room Renovation Projects (13 schools)	Window Replacement Projects (9 schools)	Door Replacement Projects (13 schools)	SUMMER 2024 Academic Occupancy Availability
1	Ramapo HS	SUMMER 2024 (Gym Floors) *	n/a	SPRING (2) + SUMMER 2024	n/a	SPRING (2) + SUMMER 2024	PARTIAL OCCUPANCY (nearly all classrooms + NO Gyms)
2	Spring Valley HS	SUMMER 2024 (Gym Floors) *	n/a	SPRING (2) + SUMMER 2024	n/a	SPRING (2) + SUMMER 2024	NOT AVAILABLE - SUMMER 2024
3	Elmwood ES	SUMMER 2024	n/a	SUMMER 2024	SPRING 2024 (2)	SPRING 2024 (2)	NOT AVAILABLE - SUMMER 2024
4	Margetts ES	included w/ TRANE work	SUMMER 2024	SUMMER 2024	SPRING 2024 (2)	SPRING 2024 (2)	NOT AVAILABLE - SUMMER 2024
5	Kakiat STEAM	included w/ TRANE work	SUMMER 2024	SUMMER 2024	SPRING 2024 (2)	SPRING 2024 (2)	NOT AVAILABLE - SUMMER 2024
6	Pomona MS	SUMMER 2024 (Gym Floors) *	n/a	SUMMER 2024	n/a	FALL 2024 (2)	NOT AVAILABLE - SUMMER 2024
7	Chestnut Ridge MS	n/a	n/a	SUMMER 2024	n/a	SPRING (2) + SUMMER 2024	NOT AVAILABLE - SUMMER 2024
8	Hempstead ES	n/a	n/a	SUMMER 2024	SUMMER 2024	SUMMER 2024	NOT AVAILABLE - SUMMER 2024
9	Eldorado ES	100% ADA	n/a	SUMMER 2024	FALL 2024 (2)	FALL 2024 (2)	NOT AVAILABLE - SUMMER 2024
10	Fleetwood ES	n/a	n/a	SUMMER 2024	FALL 2024 (2)	FALL 2024 (2)	PARTIAL OCCUPANCY (Nurse to Class 120 for Summer School)
11	Grandview ES	n/a	n/a	SUMMER 2024	LATE-FALL 2024 (2)	LATE-FALL 2024 (2)	PARTIAL OCCUPANCY (Nurse to Class 120 for Summer School)
12	Summit Park	n/a	n/a	SUMMER 2024	LATE-FALL 2024 (2)	LATE-FALL 2024 (2)	PARTIAL OCCUPANCY (Nurse to Class 120 for Summer School)
13	Lime Kiln ES	n/a	n/a	SUMMER 2024	SUMMER 2024	EARLY-WINTER 2024 (2)	NOT AVAILABLE - SUMMER 2024

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ERCSD ARPA - 2024 Construction Sequence & Schedule

DRAFT

12/18/2023

School	Work Description	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25
Elmwood								vacant school						
	Doors	2												
	Windows			2	2									
	ADA + fountains		2		2	2		1	1					
BOE 1/2/24	MEP Casework							1	1					
Margetts								vacant school						
	Doors		2											
	Windows				2	2								
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
	TRANE							1	1	2				
Kakiat								vacant school						
	Doors			2	2									
	Windows					2	2							
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
	TRANE							1	1	2				
Ramapo								occupied school						
(district work)	Gym Floor Replacement							1	1					
	Doors					2	2							
BOE 1/16/24	ADA + fountains		2		2	2		1	1	NOTE: Partial Occupancy - Nurse to Class 120 for Summer School.				
Spring Valley								vacant school						
(district work)	Gym Floor Replacement							1	1					
	Doors							1	1					
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
Pomona								vacant school						
(district work)	Gym Floor Replacement							1	1					
8	Doors		2	2										
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
Chestnut Ridge								vacant school						
7	Doors								2	2				
BOE 1/16/24	Windows							2						
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
Hempstead								vacant school						
4	Doors										2			
BOE 1/16/24	Windows						2	2						
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
Eldorado								vacant school						
1	Doors		2											
BOE 1/16/24	Windows								2					
BOE 1/16/24	ADA + fountains		2		2	2		1	1					
Fleetwood								occupied school						
2	Doors			2										
BOE 1/16/24	Windows									2				
BOE 1/16/24	ADA + fountains		2		2	2		1	1	NOTE: Partial Occupancy - Nurse to Class 120 for Summer School.				
Grandview								occupied school						
3	Doors				2									
BOE 1/16/24	Windows										2			
BOE 1/16/24	ADA + fountains		2		2	2		1	1	NOTE: Partial Occupancy - Nurse to Class 120 for Summer School.				
Summit Park								occupied school						
6	Doors							2						
BOE 1/16/24	Windows											2		
BOE 1/16/24	ADA + fountains		2		2	2		1	1	NOTE: Partial Occupancy - Nurse to Class 120 for Summer School.				
Lime Kiln								vacant school						
5	Doors						2							
BOE 1/16/24	Windows												2	
BOE 1/16/24	ADA + fountains		2		2	2		1	1					

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d. ARPA Construction - Financial Update 12.18.23

1. Phase 1 Projects

i. Phase 1 Spring Valley EMERGENCY PROJECT - Flooring Replacement Work

Awarded Contracts:		
RENU:	$ 2,326,580.00	Bay Shore State Contract
Milburn:	$ 1,550,005.06	Bay Shore State Contract
COMBINED TOTAL:	**$ 3,876,585.06**	
Change Orders To-Date:		
RENU:	($ 51,540.33)	
Milburn:	$ 0.00	
COMBINED TOTAL:	**($ 51,540.33)**	
Paid To-Date:		
RENU:	$ 2,275,039.67	
Milburn:	$ 1,546,480.59	
COMBINED TOTAL:	**$ 3,821,520.26**	

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

Awarded Contracts:		
RENU:	$ 5,630,303.47	Bay Shore State Contract
Milburn:	$ 4,818,037.66	Bay Shore State Contract
COMBINED TOTAL:	**$10,448,341.13**	
Change Orders To-Date:		
RENU:	$ 30,951.46 (Approved)	
Milburn:	$ 1,309.13 (Approved)	
COMBINED TOTAL:	**$ 32,260.59**	
Paid To-Date:		
RENU:	$ 5,624,124.20	
Milburn:	$ 4,819,346.66	
COMBINED TOTAL:	**$ 10,443,470.99**	

2. Kitchen Hoods Replacement Project

i. 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)
Mace Contracting:	$ 558,700.00	PC-04 (Plumbing Contract)
Joe Flihan Co.:	$ 344,732.00	KC-05 (Kitchen Equipment State Contract)
COMBINED TOTAL:	**$ 3,334,620.00**	
Change Orders To-Date		
Renu Interiors:	$ 65,087.13 (Approved)	
Rockland Electric:	$ 25,936.98 (Approved)	
Bertussi Contracting:	$ -	
Mace Contracting:	$ -	
COMBINED TOTAL:	**$ 91,024.11**	
Paid To-Date:		
Renu Interiors:	$ 946,734.24	
Rockland Electric:	$ 258,387.63	
Bertussi Contracting:	$ 1,090,143.41	
Mace Contracting:	$ 497,325.00	
Joe Flihan Co.:	$ 191,209.00	
COMBINED TOTAL:	**$ 2,983,799.28**	

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3. **Phase 3A – Flooring Abatement & Replacements**

Awarded Contracts:

RENU:	$ 5,141,495
Milburn:	$ 5,079,310
COMBINED TOTAL:	**$ 10,220,805.00**

Change Orders To-Date:

RENU:	$ 684,783.40 (Approved)
Milburn:	$ (64,792.21) (Approved)
COMBINED TOTAL:	**$ 619,991.19**

Paid To-Date:

RENU:	$ 4,993,693.19
Milburn:	$ 4,646,111.66
COMBINED TOTAL:	**$ 9,639,804.85**

Total Combined Paid To Date: $ 26,888,595.38

Pending Work:

4. **Phase 1B – Door/Hardware & Window Replacements**

Awarded Contracts:

C&M Doors & Arrow:	$ 7,077,689
TOTAL:	**$ 7,077,689**

5. **Phase 1A – HVAC Work**

Awarded Contracts:

Trane - Margetts & Kakiat:	$ 15,320,290.29
Renu/Milburn (Elmwood):	$ 591,952.97
TOTAL:	**$ 15,912,243.26**

6. **Phase 3B – Doors/Hardware Replacements**

Awarded Contracts:

Renu/Sunrise Doors:	$ 3,350,919
TOTAL:	**$ 3,350,919**

7. **Phase 3D – Window Replacements**

Pending Contracts:

C&M Doors & Arrow:	$ 11,367,750.00
TOTAL:	**$ 11,367,750.00**

8. **Phase 1B & 3C – ADA Improvement Projects**

Pending Contracts:

Essential Constructs:	$ 11,100,000.00
TOTAL:	**$ 11,100,000.00**

9. **Pending Casework**

Pending Contracts:

TBD:	$ TBD
TOTAL:	**$ TBD**

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2. Health and Safety Update

a. Project Safety Report

Safety	This Period 11/18/23-12/18/23	Cumulative To-Date
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):	***0***	***0***

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.*

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Appendices

a. Phase 1A – Change Orders & Payment Applications - Status Logs
b. Phase Kitchen Hoods - RFI, Submittal, Change Orders & Payment Application - Status Logs
c. Phase 1A MEP – RFI, Submittal - Status Logs
d. Phase 3A – RFI, Submittal - Status Logs

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Phase 1A – Flooring Abatement - Pay Request's Summary - To Date

Pay Requests Summary Till Date

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Project Name : Phase 1A - Flooring Abatement

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 - **MILBURN** - NEW YORK STATE - 001 - **PA# 0001**	7/31/2022	RENU Interiors	$2,702,224.80	Billed	-
2	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - **PA# 0002**	8/31/2022	RENU Interiors	$2,050,195.04	Billed	-
3	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - **PA# 0003**	9/30/2022	RENU Interiors	$27,181.95	Billed	-
4	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - **PA# 0004**	10/31/2022	RENU Interiors	$28,435.87	Billed	-
5	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - RENU Interiors	1A - 01 - GC - **MILBURN** - NEW YORK STATE - 001 - **PA# 0005**	5/31/2022	RENU Interiors	$11,309.13	Billed	-
6	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0001**	7/31/2022	RENU Interiors	$1,796,575.36	Billed	-
7	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0002**	8/31/2022	RENU Interiors	$2,244,478.10	Billed	-
8	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0003**	9/30/2022	RENU Interiors	$1,103,764.15	Billed	-
9	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0004**	10/31/2022	RENU Interiors	$120,449.30	Billed	-
10	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0005**	3/31/2023	RENU Interiors	$274,540.71	Billed	
11	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0006**	6/30/2023	RENU Interiors	$76,102.83	Billed	
12	1A - 01 - GC - RENU - **BAYSHORE** - 002 - RENU Interiors	1A - 01 - GC - RENU - **BAYSHORE** - 002 - **PA# 0007**	8/17/2023	RENU Interiors	$8,213.75	Billed	
							Total Items: 12
					$10,443,470.99	Total Billed Amount ($)	
					$0.00	Total Open Amount ($)	
					$10,443,470.99	Grand Total (Billed + Open) Amount ($)	

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

Change Orders Summary Till Date

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Project Name : Phase 1A - Flooring Abatement

Sr. No.	Contract	Number	Description	Workflow Status	Total	Current Contract Amount	Status	Remarks
1	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0001	Kaklat - PCO # 8	Locked	$33,120.00	$5,743,274.47	Approved	-
2	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0002	Elmwood - PCO # 6	Locked	$7,654.00	$5,743,274.47	Approved	-
3	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0003	Elmwood - PCO # 11	Locked	$5,433.00	$5,743,274.47	Approved	-
4	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0004	Pomona - PCO # 5	Locked	$15,012.00	$5,743,274.47	Approved	-
5	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0005	Pomona - PCO # 18	Locked	$17,992.00	$5,743,274.47	Approved	-
6	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0006	Margetts - PCO # 14	Locked	$33,600.00	$5,743,274.47	Approved	-
7	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0007	Margetts - PCO # 24 - Change Order - Plumbing	Locked	$1,440.00	$5,744,714.47	Approved	-
8	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0008	Elmwood - PCO # 22 - Change Order - Plumbing	Locked	$2,160.00	$5,746,874.47	Approved	-
9	1A - 01 - GC - MILBURN - NEW YORK STATE - 001	0012	Kaklat Steam Academy 4 Science Rooms	Locked	$1,389.13	$4,819,346.79	Approved	-
~~10~~	~~1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors~~	~~0009~~	~~Kaklat - PCO # 26 - Move funds between schools~~	~~Sent for Review~~	~~$0.00~~	~~$0.00~~	~~Void~~	-
11	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0010	Kaklat - PCO # 23 - Change Order - Plumbing	Locked	$4,320.00	$5,751,194.47	Approved	-
12	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0011	Pomona - PCO # 25 - Change Order - Plumbing	Locked	$44,640.00	$5,795,834.47	Approved	-
13	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0013	Deduct Change Order - Margetts	Locked	($64,320.38)	$5,661,254.50	Approved	-
14	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0014	Deduct Change Order - Elmwood	Locked	($45,304.49)	$5,750,449.98	Approved	-
15	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0015	Deduct Change Order - Pomona	Locked	($24,874.75)	$5,725,575.23	Approved	-
16	1A - 01 - GC - RENU - BAYSHORE - 002 - RENU Interiors	0016	Additional work at Kaklat, Elmwood, Pomona & Margetts	Sent for Review	$31,013.32	$5,661,254.50	Open	-
								Total Items: 16
						$32,260.59	Total Approved Change Order's Amount ($)	

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Phase KH - Kitchen Hoods Replacement - Pay Request's Summary - To Date

Pay Requests Summary Till Date

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Project Name : Kitchen Hoods Replacement

Sr. No.	Contract	Number	Period To	From Company	Current Payment Due	Status	Remarks
1	KH - 01 - GC - 001 - General Construction	KH - 01 - GC - 001 - PAR 0001	7/31/2022	RENU Interiors	$87,218.55	Billed	
2		KH - 01 - GC - 001 - PAR 0002	8/31/2022		$177,687.18	Billed	
3		KH - 01 - GC - 001 - PAR 0003	11/30/2022		$182,020.16	Billed	
4		KH - 01 - GC - 001 - PAR 0004	1/31/2023		$46,647.37	Billed	
5		KH - 02 - EC - 001 - PAR 0005	4/30/2023		$22,841.36	Billed	
6		KH - 02 - EC - 001 - PAR 0006	6/30/2023		$23,815.96	Billed	
7		KH - 02 - EC - 001 - PAR 0007	7/31/2023		$344,084.08	Billed	
8		KH - 02 - EC - 001 - PAR 0008	8/31/2023		$182,928.78	Billed	
9		KH - 02 - EC - 001 - PAR 0009	11/30/2023		$1,733.75	Open	
							Total Items: 9
					$946,734.24	Total Billed Amount ($)	
					$1,733.75	Total Open Amount ($)	

Sr. No.	Contract	Number	Period To	From Company	Current Payment Due	Status	Remarks
1	KH - 02 - EC - 001 - Electrical Construction	KH - 02 - EC - 001 - PAR 0001	8/31/2022	Rockford Electric	$14,131.25	Billed	-
2		KH - 02 - EC - 001 - PAR 0002	10/31/2022		$42,764.25	Billed	-
3		KH - 02 - EC - 001 - PAR 0003	12/30/2022		$77,344.50	Billed	
4		KH - 02 - EC - 001 - PAR 0004	3/31/2022		$19,294.39	Billed	
5		KH - 02 - EC - 001 - PAR 0005	7/31/2022		$53,912.50	Billed	
6		KH - 02 - EC - 001 - PAR 0006	3/15/2022		$55,640.74	Billed	
							Total Items: 6
					$258,387.63	Total Billed Amount ($)	
					$0.00	Total Open Amount ($)	

Sr. No.	Contract	Number	Period To	From Company	Current Payment Due (incl. Retainage Amount - 5%)	Status	Remarks
1	KH - 03 - MC - 001 - Mechanical Construction	KH - 03 - MC - 001 - PAR 0001	10/31/2022	Gertunsi Contracting	$310,161.04	Billed	
2		KH - 03 - MC - 001 - PAR 0002	2/1/2023		$475,142.79	Billed	
3		KH - 03 - MC - 001 - PAR 0003	3/1/2023		$464,839.58	Billed	
							Total Items: 3
					$1,050,143.41	Total Billed Amount ($)	
					$0.00	Total Open Amount ($)	

Sr. 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 - PAR 0001	10/31/2022	Mace Contracting Corp.	$241,822.58	Billed	
2	KH - 03 - MC - 001 - Plumbing Construction	KH - 04 - PC - 001 - PAR 0002	10/31/2023	Mace Contracting Corp.	$255,562.58	Billed	
							Total Items: 1
					$241,822.58	Total Billed Amount ($)	
					$0.00	Total Open Amount ($)	

	Sumary - Billed + Open - Amounts ($)	
	$2,537,087.78	Grand Total Billed Amount ($)
	$1,733.75	Grand Total Open Amount ($)
	$2,538,821.53	Grand Total (Billed + Open) Amount ($)

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Phase KH - Kitchen Hoods Replacement – Change Order's Summary to Date

Approved Change Orders Summary Till Date

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Project Name : Kitchen Hoods Replacement

Sr. No.	Contract	Number	Description	Workflow Status	Total	Current Contract Amount	Status	Remarks
1	KH - 01 - GC - RENU Interiors	0001	CO # 2 - R1 - Temporary Storage	Locked	$23,300.00	$986,300.00	Approved	-
2		0002	Additional Abatement @ Chestnut Ridge	Locked	$17,847.43	$1,004,147.43	Approved	
3		~~0003~~	~~Flashing of 4 HVAC EPDM pipe boots & 3 copper pitch pockets and flashing~~	~~Void~~	~~$0.00~~	~~$0.00~~	Void	This change order should be directed to Rockland Electric. This is included in EC scope of work. Please reference the Construction documents - ERCSD EG001. Contract detail 2/EG001.
4		0004	Life & Safety Plan Work East Ramapo	Locked	$23,939.70	$1,028,087.13	Approved	
5		~~0005~~	~~Additional Abatement at Fleetwood ES~~	~~Void~~	~~$0.00~~	~~$0.00~~	Void	
6		~~0006~~	~~Additional Abatement at Grandview ES~~	~~Void~~	~~$0.00~~	~~$0.00~~	Void	
7		~~0007~~	~~Additional Abatement at Summit Park ES~~	~~Void~~	~~$0.00~~	~~$0.00~~	Void	
8		0008	Abatement CO based on CIC 09-01 GC	In Review	$132,976.10	$1,028,087.13	Open	Under Review
9	KH - 02 - EC - Rockland Electric	0001	Kitchen Refrigeration Units	Locked	$16,099.36	$296,099.36	Approved	
10		0002	Kitchen Refrigeration Repairs	Locked	$946.61	$297,045.97	Approved	
11		0003	Fire Alarm Start Up	Locked	$2,357.72	$299,403.69	Approved	
12		0004	Temporary Wiring T&M	Locked	$4,497.88	$303,901.57	Approved	
13		0005	Permanent Wiring T&M	Locked	$2,035.41	$305,936.98	Approved	
14		0006	Margetts 2x2 Fixtures	In Review	$979.00	$305,936.98	Open	Under Review
15		0007	Additional Lighting	In Review	$1,523.56	$305,936.98	Open	Under Review
15		0008	PCO EC-8 Fire Alarm OT	In Review	$2,735.80	$305,936.98	Open	Under Review
16	KH - 03 - MC - Bertussi Contracting	0001	Credit CO for unused Allowance - 11 Schools	In Review	-$29,700.00		Approved	Under Review
	Total Items: 15							
	$61,324.11						Total Approved Change Order's Amount ($)	
	$138,214.46						Total Open Change Order's Amount ($)	

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Kitchen Hoods Replacement – Renu Interior - Submittal Register – Page 01 of 04

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Project Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name : KITCHEN HOODS REPLACEMENT

Client Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Contractor Name : RENU INTERIORS

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/N0)	Submittal No.	Approved by CSArch	Remarks
1	24119	Selective Demolition	General Construction	Renu Interiors	1.5	Informational Submittals (Proposed Protection Measures, Schedule of Selective Demolition Activities, Pre-demolition Photographs or Video, Warranties)	Yes	KH-01-GC-0021	Yes	
2	28213	Asbestos Abatement			1.03 (Section A & B)	Documentation (Certificates, Licenses, Respiratory Protection Program, NYS DOL Certificate etc.)	Yes	KH-01-GC-0001	Yes	
					1.03 (Section C & D)	Documentation upon Final Close out of Project	Yes	KH-01-GC-036	Incomplete	
3	51200	Structural Steel Framing			1.5	Action Submittals (Product Data, Shop Drawings, WPS & PQR, Delegated Design Submittal)	Yes	KH-01-GC-002 , KH-01-GC-027	Incomplete	
					1.6	**Informational Submittals** (Qualification Data, Paint Compatibility Certificates, Mill & Product Test Reports, Survey of existing conditions, Field quality-control reports)	Yes	KH-01-GC-028	Incomplete	
4	61000	Rough Carpentry			1.4	Product Data & Research/Evaluation Reports	Yes	KH-01-GC-0022	Yes	
5	61600	Sheathing			1.3	Product Data	Yes	KH-01-GC-0029	Incomplete	
6	72100	Thermal Insulation			1.3	**Action Submittals** (Product Data)	Yes	KH-01-GC-030	Incomplete	
					1.4	**Informational Submittals** (Installer's Certification, Product Test Reports, Research Reports)	Yes	KH-01-GC-033	Incomplete	
7	75323	EPDM Roofing			1.4	**Action Submittals** (Product Data, Shop Drawings)	No	-	No	
					1.5	**Informational Submittals** (Qualification data, Manufacturer Certificates, Product Test Reports, Evaluation & Field Test Reports)	No	-	No	
					1.6	**Closeout Submittals** - A. Maintenance Data: For roofing system to include in maintenance manuals. B. Certified statement from existing roof membrane manufacturer stating that existing roof warranty has not been affected by Work performed under this Section.	No	-	No	
8	77100	Roof Specialties			1.3	**Action Submittals** (Product Data, Shop Drawings, Samples)	Yes	KH-01-GC-0031	Incomplete	
					1.4	**Informational Submittals** (Qualification Data, Certificates, Test Reports, Sample Waranty)	No	-	No	
					1.5	**Closeout Submittals** - Maintenance Data: For roofing specialties to include in maintenance manuals.	Yes	KH-01-GC-0036	Incomplete	
9	77200	Roof Accessories			1.4	**Action Submittals** (Product Data, Shop Drawings, Samples, Delegated-Design Submittal)	Yes	KH-01-GC-0024	Yes	Contractor to revise & resubmit
					1.5	**Informational Submittals** (Coordination Drawings, Sample Waranty)	Yes	KH-01-GC-0036	Incomplete	
					1.6	**Closeout Submittals** -Operation and Maintenance Data: For roof accessories to include in operation and maintenance manuals.	Yes	KH-01-GC-0036	Incomplete	
10	78413	Penetration Firestopping			1.4	**Action Submittals** (Product Data & Schedule)	Yes	KH-01-GC-0017	Yes	
					1.5	**Informational Submittals** (Qualification Data, Test Reports)	Yes	KH-01-GC-0032	Incomplete	
					1.6	**Closeout Submittals** - Installer Certificates: From installer indicating that penetration firestopping systems have been installed in compliance with requirements and manufacturer's written instructions.	No	-	No	
11	79200	Joint Sealants			1.2	**Action Submittals** (Product Data, Samples for Initial Selection, Joint-Sealant Schedule)	Yes	KH-01-GC-0018	Incomplete	R&R ON 12/13/23 to CSArch
					1.3	**Informational Submittals** (Test and Evaluation Reports)	Yes	KH-01-GC-0034	Incomplete	
					1.4	**Closeout Submittals** - A. Warranty Documentation: 1. Manufacturers' special warranties. 2. Installer's special warranties.	Yes	KH-01-GC-0036	Incomplete	
12	83113	Access Doors and Frames			1.2	**Action Submittals** (Product Data, Samples, Product Schedule)	Yes	KH-01-GC-0023	Yes	
					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 Data)	Yes	KH-01-GC-0019	Yes	
					1.3	**Informational Submittals** (Product Certificates, Evaluation Reports)	Yes	KH-01-GC-0035	Incomplete	
14	92900	Gypsum Board Type X			1.2	**Action Submittals** (Product Data, Samples)	Yes	KH-01-GC-004	Yes	
15.1	95113	Acoustical Panel Ceilings			1.4	**Action Submittals** (Product Data, Samples)	Yes	KH-01-GC-0026	Yes	
					1.5	**Informational Submittals** (Coordinated Drawings, Product Test Reports, Evalaution & Field Quality Control Reports)	No		No	
					1.6	**Closeout Submittals** - Maintenance Data: For finishes to include in maintenance manuals.	Yes	KH-01-GC-0036	Incomplete	
15.2	95113	Acoustical Panel Ceilings	General Construction	Renu Interiors	1.7	**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. Acoustical Ceiling Units: Full-size panels equal to 2 percent of quantity installed. 2. Suspension-System Components: Quantity of each exposed component equal to 2 percent of quantity installed. 3. Hold-Down Clips: Equal to 2 percent of quantity installed.	Yes	KH-01-GC-0036	Incomplete	
16	99123	Interior Painting			1.4	**Action Submittals** (Product Data, Samples, Product Schedule)	Yes	KH-01-GC-0020	Yes	
					1.5	**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. Paint Products: 5 percent, but not less than 1 gal. of each material and color applied.	Yes	KH-01-GC-0036	Incomplete	

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Kitchen Hoods Replacement – Rockland - Submittal Register – Page 02 of 04

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Project Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name : KITCHEN HOODS REPLACEMENT

Client Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Contractor Name : ROCKLAND ELECTRIC

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/N0)	Submittal No.	Approved by CSArch	Remarks
1	260519	Low-Voltage Electrical Power Conductors & Cables	Electrical Construction	Rockland	1.3	Product Data, Product Schedule, Qualification Data, Field quality-control reports	Incomplete	KH-02-EC-0010	Yes	Only product data for cables were submitted
2	260526	Grounding & Bonding for Electrical Systems			1.2	Submittals - See below Snapshot	Yes	KH-02-EC-0015	Yes	
3	260529	Hangers and Supports for Electrical Systems			1.2	Product data, Shop Drawings, Coordination Drawings	Incomplete	KH-02-EC-0012	Yes	Only product data submitted
4	260533	Raceways and Boxes for Electrical Systems			1.3	Product data, Coordination Drawings	Incomplete	KH-02-EC-0013, 0011	Yes	Raceways not submitted, Boxes & Conduits submitted. Only Product Data Submitted
5	260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling			1.2	Product Data	No	-	No	
6	260553	Identification for Electrical Systems			1.2	Product Data, Identification Schedule, Delegated - Design submittal For Arch- flash hazard study	No	-	No	
7	262726	Wiring Devices			1.2	Product Data, Samples	No	-	No	
8	262816	Enclosed Switches and Circuit Breakers			1.2	Product Data, Shop Drawings	No	-	No	
					1.3	Maintenance Material Submittals - See below Snapshot	No	-	No	
9	265119	LED Interior Lighting			1.3	Product Data, Shop Drawings, Product Schedule	Incomplete	KH-02-EC-0001	Incomplete	Only product data submitted
10	283100	Fire Detection and Alarm- ADD #2			1.3	Product Data, Shop Drawings	Yes	KH-02-EC-0008	Yes	
					1.4	Closeout Submittals (Operation & Maintenance Data) - See below Snapshot	Yes	KH-02-EC-0014	Yes	

Note : Red Text represnts Non Submission of Submittals Till date

LEGEND: For number mentioned below, refer serial number in above summary table & refer the snapshots respectively for Specification requirements

10-->

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

RE DETECTION AND ALARM 283100 - 2

Arch
ject 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.
2. 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.
3. 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.
5. Device addresses.
6. 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.
7. Provide "Inspection and Testing Form" according to the "Inspection, Testing and Maintenance" chapter in NFPA 72, and include the following:
   a. Equipment tested.
   b. Frequency of testing of installed components.
   c. Frequency of inspection of installed components.
   d. Requirements and recommendations related to results of maintenance.
   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.

08 -->

1.3 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.

LNCLOSLD SWITCHLS AND CIRCUIT BRLAKLRS 262816 - 1

CSArch
209-2003

East Ramapo Central School District
Kitchen Hood Replacement Project

1. Fuses: Equal to 10 percent of quantity installed for each size and type, but no fewer than three of each size and type.
2. Fuse Pullers: Two for each size and type.

02 -->

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.

C. Product data sheets (cut sheets) for all ground bus bars and other components of the grounding system.

D. Field test reports.

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Kitchen Hoods Replacement – Bertussi Contracting - Submittal Register – Page 03 of 04

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Reinventing tomorrow.

Project Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name : KITCHEN HOODS REPLACEMENT

Client Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Contractor Name : BERTUSSI CONTRACTING

Submittals Required as per Contract							Submissions on Kahua Till Date				Bertussi's Final Submission
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	230553	Mechanical Identification	Mechanical Construction	Bertussi	1.2	**Action Submittals** (Product Data, Eqpt. Label Schedule)	No	-	No		
2	230593	Testing, Adjusting and Balancing			1.3	A. Qualification Data: AABC or NEBB certification. B. Written statement of coordination with sheetmetal contractor. C. Written statement of coordination with piping contractor. D. Written statement of acceptance of location and quantity of air and water balancing devices. E. Final TAB reports.	Yes	KH-03-MC-0005,, 0021	Yes		
3	230713	Duct Insulation			1.2	**Action Submittals** (Product data)	Yes	KH-03-MC-001, 004	Yes		
4	233113	Metal Ductwork			1.2	**Action Submittals** (Product Data, Shop Drawings)	Yes	KH-03-MC-002, 003, 0016, 0017,**022**	Yes	**KH-03-MC-022 resubmitted as shop/as built drawings**	
					1.3	**Informational Submittals** (Coordination Drawings)	Yes		Yes		
5	233300	Air Duct Accessories			1.2	**Action Submittals** (Product data)	No	-	No		
					1.3	**Closeout Submittals** - Operation and Maintenance Data: For air duct accessories to include in operation and maintenance manuals.	Yes	KH-03-MC-0027	Incomplete		
6	233423	Power Ventilators			1.2	**Action Submittals** (Product data)	No	-	No		
					1.3	**Closeout Submittals** - Operation and Maintenance Data: For power ventilators to include in emergency, operation, and maintenance manuals.	No	KH-03-MC-0027	Incomplete		
7	233534	FIELD WELDED RECTANGULAR GREASE DUCTS	Mechanical Construction	Bertussi	1.3	**Action Submittals** (Product Data, Shop Drawings)	Yes	KH-03-MC-002, 003, 0016, 0017,**022**	Yes	**KH-03-MC-022 resubmitted as shop/as built drawings**	
					1.4	**Informational Submittals** (Welding Certificates, Coordination Drawings)	Yes		Yes		
8	233713	Grillers, Registers & Diffusers			1.2	**Action Submittals** (Product Data, Samples)	Yes	KH-03-MC-0010	Yes	Only Grills required.	
9	233813	Commercial Kitchen Hoods			1.4	**Action Submittals** (Product Data, Shop Drawings)	Yes	KH-03-MC-0006, 0016,0117, 0022	Yes	Shops submitted and approved for 11 schools	
					1.5	**Informational Submittals** (Welding Certificates, Coordination Drawings)	Yes	KH-03-MC-0022	Yes	**KH-03-MC-022 resubmitted as shop/as built drawings**	
					1.6	**Maintenance Material Submittals** - See below Snapshot	Yes	KH-03-MC-0027	Incomplete		

Note : Red Text represnts Non Submission of Submittals Till date

LEGEND: Refer serial number in above summary table & snapshot respectively for Sepcification requirement.

09 ---> 1.6 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).

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Kitchen Hoods Replacement – Mace Contracting - Submittal Register – Page 04 of 04

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Project Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Sub - Project Name : KITCHEN HOODS REPLACEMENT

Client Name : EAST RAMAPO CENTRAL SCHOOL DISTRICT

Contractor Name : MACE CONTRACTING

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/N0)	Submittal No.	Approved by CSArch	Remarks
1	220529	Supports & Sleeves	Plumbing Construction	Mace	1.4	Product Data, Manufacturer Installation Instructions & Shop Drawings	Incomplete	KH-04-PC-003	Yes	Only product data submitted
2	220553	Plumbing Identification			1.2	**Action Submittals** (Product Data)	Yes	KH-04-PC-004	Yes	
3	221613	Natural Gas Piping			1.5	**Action Submittals - Product Data:** For each type of the following: 1. Piping specialties. 2. Valves. Include pressure rating, capacity, settings, and electrical connection data of selected models. 3. Pressure regulators. Indicate pressure ratings and capacities. 4. Dielectric fittings	Incomplete	KH-04-PC-005, 006, 007	Yes	**KH-04-PC-005, 006, 007 -** Submittal was submitted for pipes & valves
					1.6	**Closeout Submittals** - Operation and Maintenance Data: For motorized gas valves and pressure regulators to include in emergency, operation, and maintenance manuals.	No	-	No	

Note : Red Text represents Non Submission of Submittals Till date

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Phase 1A – MEP Package – RFI Log - To Date (Page – 1 of 3)

Current Date	6/5/2023	East Ramapo Central School District
TOTAL	025	
Due < 2 DAYS		PHASE 1A - MEP - RFI LOG
OVERDUE		
		Request For Information: 5 Business Days for Review

RFI No #	School	Date Submitted	Due Date	GC - Question - 1	CSArch - Answer - 1	Returned	Status
001	Kakiat	1/13/2023	1/20/2023	Drawing MES AD201- Demo note DA11 calls for the existing louver assembly to be removed and for the lintel to remain. Detail 3 on Drawing S701 shows new lintels. Is a new lintel required only where new UVs are being installed where one did not exist previously?	New lintels are for new openings (where no UV existed before).	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	Is there a specification for the new brick to be installed at new openings?	Brick color, size, and texture to match existing with no observable difference in finish form 10 feet away. See attached spec section for veneer masonry for additional information.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	With most of the Refrigeration scope removed, can the condensing units for the AC units that are to remain be installed on the exterior ground floor? All new condensing units will be set on concrete pads. This will eliminate needing to run refrigeration piping and interlock wiring up through the school and also eliminate the need to do asbestos abatement on the roof for new pads and penetrations.	Energia does not recommend this, the condensers were intended to work as heat pumps and in the winter, they would need to be above snow line, being this location is right outside classroom windows noise will be an issue. Vandalism is also a concern for ground mounted equipment.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	With most of the refrigeration scope removed will the demolition of the existing electrical switchboard still be required? Can the power for the remaining new loads be handled from existing panels or can a new panel be tapped off the existing?	Scope of work indicated is to keep existing switchboard and tap for connection to new panelboard to serve new circuits.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	In the areas where ceiling removal and reinstallation is required has the ceiling material and materials above the ceiling been confirmed as Non-ACM areas?	Yes, refer to report and Appendix A of the report.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	Is any of the existing piping insulation ACM or PACM?	Gray Mudded Elbow Insulation was confirmed Non-ACM. Refer to report and Appendix A of the report.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	Kakiat- What happens for UV in Storage 001C Dwg ED1.15 & E1.15	Demolition of existing air handler feeding the gym. This is replaced with RTU.	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	Clarify that Trane does not intend to replace Louver based on mechanical drawings and contrary to architecturals.	-		INCOMPLETE
001	Kakiat	1/13/2023	1/20/2023	Reuse existing electrical feeders	If referring to reusing branch circuits feeding existing UVs, Energia does not recommend reusing circuits. The condition of existing panelboards appears to be poor and new equipment should be connected to new circuits and panelboards to ensure resilient installation.	1/23/2023	INCOMPLETE RESPONSE (Architect/Engineer to provide drawing no. & detail no.)
001	Kakiat	1/13/2023	1/20/2023	Kakiat Missing UV in electrical drawings- Elec shows 74, mech shows 75 Electrical drawings skip 54 on the schedule, and skips 54 on the drawings.	Unit UV-54 added to electrical scope.	1/23/2023	INCOMPLETE RESPONSE (Architect/Engineer to provide addendum sketch)
001	Kakiat	1/13/2023	1/20/2023	For UV replacements, can wall boxes be reused & not replaced?	In general, we want to design around new backboxes being required and if the existing can be reused, the contractor should submit an RFI at that time indicating existing box conditions and size being adequate for reuse. I would not design around reusing something like that (small cost).	1/23/2023	CLOSED
001	Kakiat	1/13/2023	1/20/2023	What possibilities, if any, exist for work access to indoor work areas PRIOR to conclusion of classes in June? For example, could some, any classroom wings be made available in May?	We have asked the district this question and have not heard back from the district yet. In order for the district to understand the type of access Trane is looking for prior to the end of the school year can Trane provide a narrative of the type of construction activities they anticipate performing prior to the end of the school year?	1/23/2023	INCOMPLETE RESPONSE (No classrooms are available for construction outside of the summer window)
001	Margets	1/13/2023	1/20/2023	Drawing MES AD201- Demo note DA11 calls for the existing louver assembly to be removed and for the lintel to remain. Detail 3 on Drawing S701 shows new lintels. Is a new lintel required only where new UVs are being installed where one did not exist previously? From a time aspect, Trane recommends cleaning and reusing existing louvers.	New lintels are for new openings (where no UV existed before).	1/23/2023	CLOSED
001	Margets	1/13/2023	1/20/2023	Is there a specification for the new brick to be installed at new openings?	See response for Kakiat.	1/23/2023	
001	Margets	1/13/2023	1/20/2023	With most of the Refrigeration scope removed, can the condensing units for the AC units that are to remain be installed on the exterior ground floor? All new condensing units will be set on concrete pads. This will eliminate needing to run refrigeration piping and interlock wiring up through the school and also eliminate the need to do asbestos abatement on the roof for new pads and penetrations.	Similar response to that at Kakiat, Energia does not recommend.	1/23/2023	
001	Margets	1/13/2023	1/20/2023	With most of the refrigeration scope removed will the demolition of the existing electrical switchboard still be required? Can the power for the remaining new loads be handled from existing panels or can a new panel be tapped off the existing?	Switchboard replacement not required. Will revise scope to indicate connection to existing switchboard.	1/23/2023	INCOMPLETE RESPONSE
001	Margets	1/13/2023	1/20/2023	In the areas where ceiling removal and reinstallation is required has the ceiling material and materials above the ceiling been confirmed as Non-ACM areas?	Yes, refer to report and Appendix A of the report.	1/23/2023	CLOSED
001	Margets	1/13/2023	1/20/2023	Is any of the existing piping insulation ACM or PACM?	Yes, refer to report and Appendix J of the report.	1/23/2023	CLOSED
001	Margets	1/13/2023	1/20/2023	With the AC being removed, and the possibility of not requiring an electrical service upgrade, can the existing feeders to the UVs be re-used rather than demo'd and replaced?	We do not recommend reusing circuits. The condition of existing panelboards appears to be poor and new equipment should be connected to new circuits and panelboards to ensure resilient installation.	1/23/2023	INCOMPLETE RESPONSE (Architect/Engineer to provide drawing no. & detail no.)
001	Margets	1/13/2023	1/20/2023	Please confirm if there are 3 existing UVs that are not shown on MD112 that need to be removed	Those are new Unit Ventilators.	1/23/2023	INCOMPLETE RESPONSE
001	Margets	1/13/2023	1/20/2023	For UV replacements, can wall boxes be reused & not replaced?	In general, we want to design around new backboxes being required and if the existing can be reused, the contractor should submit an RFI at that time indicating existing box conditions and size being adequate for reuse. I would not design around reusing something like that (small cost).	1/23/2023	CLOSED
001	Margets	1/13/2023	1/20/2023	What possibilities, if any, exist for work access to indoor work areas PRIOR to conclusion of classes in June? For example, could some, any classroom wings be made available in May?	We have asked the district this question and have not heard back from the district yet. In order for the district to understand the type of access Trane is looking for prior to the end of the school year can Trane provide a narrative of the type of construction activities they anticipate performing prior to the end of the school year?	1/23/2023	INCOMPLETE RESPONSE (No classrooms are available for construction outside of the summer window)
002	Margets	1/23/2023	1/30/2023	The current drawings show demolition of a AHU . The AHU is currently a multizone that serves the gyms, Cafeteria, and the corridor wall wash for the windows. The new drawings don't show anything going back to serve the corridor wall wash. What is the plan for the corridor ventilation and heat?	-		
002	Margets	1/23/2023	1/30/2023	Classroom 6,7&8 have 21" radiators with glass. Can you please provide a detail on how you want to handle the window modification in this space?	The windows for Classrooms 6, 7 and 8 are to be replaced in a future phase of work and the window sill/wall is scheduled to be raised to accommodate the UV height at that time. Can the install of the UVs in these spaces be held off until the install of the windows are completed in these classrooms?	3/2/2023	INCOMPLETE RESPONSE (Architect/Engineer to provide drawing no. & detail no.)
002	Margets	1/23/2023	1/30/2023	The onsite condition of the piping configuration is that the firetube raidiation and UV are piped in series . Can you please provide a detail outlining the UV piping for this.	See attached sketch	3/2/2023	CLOSED
002	Margets	1/23/2023	1/30/2023	The onsite condition shows that all valves are 2way valves. The current drawings have these all being changed to 3 way valves . Is the hot water system ready to be converted to constant volume system with this change?	Yes, these pumps have a VFD but the variable speed controls are not there (and there is no bypass in Boiler Room). Instead of doing boiler room modifications to make this a variable speed system we proposed using 3-way valves.	3/2/2023	CLOSED
002	Margets	1/23/2023	1/30/2023	The onsite condition shows that behind the UV's and cabinetry in classroom there is an open plenum box across the entire length of the classroom to feed the unit with Outside air. Can you please clarify how the new Cabinetry and Uv's are to be installed to account for this open air plenum?	Can you please send us pictures of the situation you are referring to.	3/2/2023	INCOMPLETE RESPONSE

Jacobs

Phase 1A – MEP Package – RFI Log - To Date (Page – 2 of 3)

Current Date	6/5/2023	East Ramapo Central School District
TOTAL	025	
Due < 2 DAYS		
OVERDUE		

Jacobs

PHASE 1A - MEP - RFI LOG

Request For Information: 5 Business Days for Review

RFI No #	School	Date Submitted	Due Date	GC - Question - 1	CSArch - Answer - 1	Returned	Status
002	Margets	1/23/2023	1/30/2023	For the controls system it shows integration into the old Johnson system. Due to the fact that the EPC is going to be coming in and overlaying on top of this at some point in the near future the cost of this integration is a waste to the district. We propose providing a bacnet open protocol platform for the new equipment and leaving the old system in place. All pneumatics will be capped in place. For the time being before the EPC comes in to pull it into the enterprise server the district will have two systems . From speaking with the district onsite they had no problem with this due to the fact that they do not use the existing system currently.	Ameresco's plan for the EPC is to install a Tridium Niagara 4 system and to replace the supervisory controllers from Metasys to Tridium and have one front end interface for all schools.	3/2/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	Is UV-35 supposed to get cooling as shown?	No, that condenser listed ACCU-35 on the schedule was a typo. That room is not getting cooling.	2/6/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	Where is electrical coming from with service upgrade removed from scope. Please either provide updated panel schedules, or ideally, update electrical drawings. This is for both schools	Updated electrical drawings should be sent this week for Margetts and Kakiat.	2/6/2023	INCOMPLETE RESPONSE
003	Kakiat	1/23/2023	1/30/2023	The onsite condition of the piping configuration is that the fintube raidiation and UV are piped in series. Can you please provide a detail outlining the UV piping for this.	See attached sketch in the response file.	2/6/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	The onsite condition shows that all valves are 2way valves. The current drawings have these all being changed to 3 way valves . Is the hot water system ready to be converted to constant volume system with this change?	Yes, these pumps have a VFD but the variable speed controls are not there (and there is no bypass in Boiler Room). Instead of doing boiler room modifications to make this a variable speed system we proposed using 3-way valves.	2/6/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	The Gym at kakiat is showing carbon monoxide detection. Is this supposed to be carbon dioxide?	No that is a gas fired RTU, so we need the Carbon monoxide sensors. In general, we used occupancy sensors (not CO2) for DCV on this project.	2/6/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	AD201 note 9- are we responsible for demoing a PACM sink and all the utilities?	Please provide drawing reference, AD201 is an elevation drawing.	2/6/2023	INCOMPLETE (CONTRACTOR TO CLARIFY)
003.1	Kakiat	2/7/2023	2/12/2023	PACM sinks are in Rooms 136C and 224A, On drawings H002 and H004.	-		INCOMPLETE (CONTRACTOR TO CLARIFY)
003	Kakiat	1/23/2023	1/30/2023	There is a discrepancy between the new work in classroom A11 for horizontal UV's in classroom 136 &137 AD111 shows removal or rad covers in rooms 136/137 and the existing UVs are ceilign hung. If there is no cabinetry going back, why remove radiators? Also, same drawings, The UVS not shown for Demo in Room 136/137	Remove ceiling mounted UVs in Classroom 136 and Classroom 137 as indicated in Mechanical drawing MD111A and drawing AD811. Existing radiator covers to remain.	2/6/2023	CLOSED
003	Kakiat	1/23/2023	1/30/2023	The onsite condition shows that behind the UV's and cabinetry in classroom there is an open plenum box across the entire length of the classroom to feed the unit with Outside air. Can you please clarify how the new Cabinetry and Uv's are to be installed to account for this open air plenum?	Can you please send us pictures of the situation you are referring to.	2/6/2023	INCOMPLETE RESPONSE
003.2	Kakiat	2/7/2023	2/12/2023	Room 204, the louver is clearly in front of fin tube radiation, and behind a double wall of sheetrock and plywood, not behind a UV. We have looked out the window and there is no louver directly behind the UV. Picture is attached.			
003	Kakiat	1/23/2023	1/30/2023	AD113, classrooms 11, 12, & 13 show no demo for ceiling hung UVs. The site conditions show ceiling hung uv's in space.	Remove ceiling mounted UVs per Mechanical Drawing MD113.	2/6/2023	Include key notes
003	Kakiat	1/23/2023	1/30/2023	For the controls system it shows integration into the old Johnson system. Due to the fact that the EPC is going to be coming in and overlaying on top of this at some point in the near future the cost of this integration is a waste to the district. We propose providing a bacnet open protocol platform for the new equipment and leaving the old system in place. All pneumatics will be capped in place. For the time being before the EPC comes in to pull it into the enterprise server the district will have two systems . From speaking with the district onsite they had no problem with this due to the fact that they do not use the existing system currently.	Ameresco's plan for the EPC is to install a Tridium Niagara 4 system and to replace the supervisory controllers from Metasys to Tridium and have one front end interface for all schools.	2/6/2023	CLOSED
004	Kakiat & Margets	2/7/2023	2/14/2023	The project scope includes running new power circuits in BX . Trane plans to abandon all existing conduit , conductors ect. in place . This will both save time and cost on the overall project installation	ENERGIA DOES NOT RECOMMEND ABANDONING EXISTING WIRING. ALL WIRING SHOULD BE REMOVED BACK TO SOURCE. CONDUITS ENCASED IN CONCRETE CAN BE ABANDONED AND CUT AND CAPPED FLUSH TO FLOOR. COORDINATE ADDITIONAL FINISH REQUIREMENTS WITH ARCHITECT.	2/25/2023	INCOMPLETE (AOR TO CLARIFY)
004	Kakiat & Margets	2/7/2023	2/14/2023	Please advise if it is acceptable to utilize MC feeder cable for panel board feeders where concealed. This will reduce the quantity of ceiling removals associated with the feeder installation and provide a cost savings to the district. Conduit & wire would be utilized where exposed in areas such as the boiler rooms or main electrical rooms.	ENERGIA TAKES NO EXCEPTION. ARCHITECT TO ADVISE IF SCHOOL DISTRICT OBJECTS TO MC CABLE IN CONCEALED LOCATIONS.	2/25/2023	INCOMPLETE (AOR TO CLARIFY)
005	Ramapo HS	2/7/2023	2/14/2023	Who is the fire alarm vendor for the districts for all schools in phase 1	Ramapo HS - Existing Fire Alarm Control Panel is Fire-Lite (Honeywell). Spring Valley HS - Existing Fire Alarm Control Panel is EST - 2. (We do not know who services the systems).	2/15/2023	INCOMPLETE RESPONSE
005	Ramapo HS	2/7/2023	2/14/2023	What is the % glycol if any in the hot water at all districts	-		
005	Ramapo HS	2/7/2023	2/14/2023	What is the % glycol for the chilled water systems at the high school	Glycol is provided at Spring Valley HS for the new chiller. We are specifying 50% PG. This matches the design documents from 2007 when the chillers were Installed.	2/15/2023	CLOSED
006	Ramapo HS	2/14/2023	2/21/2023	Who is the outside telecom/security vendor utilized by the school or if it is performed in house as it relates to camera and IT relocations associated with ceiling demo/reinstall scope	The district utilized Intralogic Solutions for the recent IT & security upgrades to Ramapo HS. They worked very closely with ERCSD's Director of IT and Cyber Security, Bhavin Gandhi (bgandhi@ercsd.org) and Coordinator of Safety and Security/SRO Tom Carton (tcarton@ercsd.org), during the upgrade process. Please coordinate with them for additional information.	2/14/2023	CLOSED
006	Ramapo HS	2/14/2023	2/21/2023	Provide specifications for lighting fixtures such as 2x4, 1x4, etc. as it is impractical and cost prohibitive to remove, store & reinstall fixtures where new ceilings are being provided.	The scope is to carefully remove, store, and reinstall all existing fixtures as there is no budget to do new fixtures. Contractor to proceed with scope as indicated on drawings.	2/14/2023	CLOSED
007	Kakiat	2/17/2023	2/24/2023	Please provide a description or detail of a louvered penthouse, including size required.	Greenheck WH Model with throat dimensions 18x18. See following pages for submittal.	3/7/2023	CLOSED
008	All 4 Schools	2/17/2023	2/24/2023	Confirming that ProPress and ZoomLock fittings can be used on all copper piping installations throughout the work at Kakiat, Margetts, Ramapo HS, and Spring Valley HS.	Viega ProPress and Parker ZoomLock MAX are acceptable for copper pipe fitting installations at the locations noted above. Zoomlock PUSH and other non-mechanical fitting systems are not permitted.	2/17/2023	CLOSED
009	Margets	2/20/2023	2/27/2023	Is ERV-1 for Margetts meant to be a Mitsubishi Lossnay Unit? It is mounted on the roof and to my knowedge, Mitsubishi does nto make outdoor rated units.	ERV-1 should be a RenewAire EV4SORT Unit. Mechanical schedule to be updated immediately. Data sheet / Specification sheet attached.	2/23/2023	CLOSED
010	High Schools	2/24/2023	3/3/2023	Please advise if it is acceptable to utilize MC feeder cable for panelboard feeders where concealed. This will reduce the quantity of ceiling removals associated with the feeder installation and provide a cost savings to the district. Conduit & wire would be utilized where exposed in areas such as the boiler rooms or main electrical rooms.	Yes, MC feeder cable, with equivalent copper conductors to those indicated for conduit and wire feeders will be acceptable where installed concealed above accessible ceilings. Use only conduit and wire where feeders are run exposed in mechanical and electrical rooms, and storage rooms and similar rooms with exposed structure (no suspended ceilings).-	3/15/2023	CLOSED
011	High Schools	2/24/2023	3/3/2023	There are two pairs of new W14X38 beams shown to installed below roof level. If possible, can these beams be designed to be installed above roof, essentially as exterior dunnage, in order to minimize the work in the ceiling and avoid having to swing 35' long beams and 40' long beams through the interior space.	Ramapo HS drawing S401 dated 2/14/23 does not specify any W14x38 beams. W12x26 members are specified and span less than 17'. Please verify use of most up to date drawings. We recommend supporting ERV-1 and ERV-2 at the roof level rather than creating an elevated dunnage system that would need to span to existing columns. Adding dunnage would require additional framing and become more complex	3/7/2023	Closed. VE option was not accepted by EOR and will increase overall project cost.
012	Kakiat	2/24/2023	3/3/2023	UV#24 in the Nurse's office at Kakiat is called out on the drawings schedule as horizontal, but its shown as vertical with casework on the drawings. On Page M1118.	Correct that is a typo in the mechanical schedule, this should be a 1000 CFM Vertical Unit Ventilator. Updated drawings will reflect this change-	3/7/2023	CLOSED

Jacobs

Phase 1A – MEP Package – RFI Log - To Date (Page – 3 of 3)

Current Date	11/16/2023	East Ramapo Central School District
TOTAL	031	
Due < 2 DAYS		
OVERDUE		

Jacobs

PHASE 1A - MEP - RFI LOG

Request For Information: 5 Business Days for Review

RFI No #	School	Date Submitted	Due Date	GC - Question - 1	CSArch - Answer - 1	Returned	Status
018	Margets	3/16/2023	3/23/2023	Please provide the spec of the grille in drawing A202.	The technical specification for the Grilles will be provided with the project manual. The basis-of-design product shall be Architectural Grille (provide aluminum bar grilles, Type 'F', full face frame) or comparable products by Precision Metal Fabricators, Reggio Register Company. Grille sizes shall coordinate with lengths and locations of existing fin-tube radiation elements, verify width with field conditions.	3/21/2023	CLOSED
019	Margets	3/29/2023	4/5/2023	Please clarify what note DC-8 should be. It is not noted on the drawings.	DC8 - SELECTIVE CEILING DEMOLITION TO ACCOMMODATE MECH WORK. COORDINATE WITH MC FOR LOCATION. REFER TO MECH DRAWINGS FOR MORE INFORMATION.	4/10/2023	CLOSED
020	Spring Valley HS	4/7/2023	4/14/2023	Please confirm via testing that room 13A, Boys Toilet in the girls gym does not have transite panel asbestos containing ceiling. This situation looks suspiciously similar to the ceiling in storage 18A near the girls locker room in the girls gym, which is confirmed Transite Panels containing asbestos. This condition may be existing in other bathrooms in the area as well, which we will likely be working in.			
021	Spring Valley HS	4/7/2023	4/14/2023	Trane recommends reusing the ductwork in the girls gym. The current ductwork goes through steel beams which the new ductwork will be required to transition through. This may cause airflow issues at the transitions. Also, the gym is not on grade, so using man lifts is not feasible since the floor will likely not support them. This will require all the demo and installation of new ductwork to be completed from baker scaffold, which is much more time consuming, and adds extra safety requirements.	The existing ductwork and diffusers are in bad shape and need to be replaced. The existing ductwork transitions through the steel can be reused. Provide new ductwork with new registers/grilles as designed between the steel. Existing ductwork to remain shall be throughly cleaned prior to connection with new ductwork and reuse. All ductwork shall be cleaned prior to painting in accordance with the specifications.	4/26/2023	CLOSED
022	Spring Valley HS	4/7/2023	4/14/2023	In the weight room the H&V units are mounted high in the air, in hard to access the closets. The HV-5B unit is located in a confined space, which add to the safety requirement of the project. HV-5A is in located 15-20 feet in the air in a closet, which can only be access via a baker scaffold. Trane recommends abandoning the unit in place, with the ductwork cut and capped, the electrical safed off and the piping drained and isolated from the unit. The new unit is expected to be floor mounted per the drawings, so leaving the existing units in place will not interfere with the new unit.	Remove all equipment, piping and ductwork as shown on documents. HV-5A cannot stay in place as it will interfere with new ductwork and connection to OA louver.	4/10/2023	CLOSED
023	Spring Valley HS	4/7/2023	4/14/2023	Please confirm if any mechanical demo is being done in the offices circled on the snippet below. Currently ceilings are shown as being removed, but I cannot find any drawings showing mechanical demo in this space, just new work going back. Drawing is M111. It seem like there is existing ductwork in this space.	Yes, there is removals of all ductwork located above the ceilings in this area that is associated with EC-12 and EF-12A. A supplemental instruction will be issued.	4/11/2023	CLOSED
024	Kakiat & Margets	4/12/2023	4/19/2023	Please provide AHERA Reports for Margetts and Kakiat	The AHERA Reports are available in the Facilities Office located in the District Central Administration Building, located at 105 S. Madison Avenue, Spring Valley, NY 10977. Make an appointment with the Facilities (tel: 845.577.6580) Department to view the AHERA Reports.	4/27/2023	CLOSED
025	Spring Valley HS	5/9/2023	5/16/2023	Please provide the quantity of glycol (gallons) for the chilled water and hot water systems.	CLOSED / Void		
026	Kakiat & Margets	10/4/2023	10/11/2023	Please provide the AIA billing requirements for Kakiat and Margetts	Review the following sections of the Project Manual: Section 012900 - Payment Procedures Section 012973 - Schedule of Values In addition review the following AIA Documents: AIA G732 - Application for Payment (see Project Manual Section 006276.01) AIA G703 - Continuation Sheet (see Project Manual Section 006276.02)	11/1/2023	CLOSED
027	Margets	10/18/2023	10/25/2023	VRF cassettes are to be installed in 3 offices. Have the ceilings been tested and do they contain ACM in the following offices: Resource Room 28, Speech Room 28 and Psych Office Room 33			
028	Kakiat	10/19/2023	10/26/2023	What is the flow rate for the circuit setters on the baseboard in CIC-01	Use the same GPM as listed on unit ventilator schedule under heating coil performance. Classroom 108 is 1 of 4 classrooms that will have to be re-piped as shown in SK-1 detail, but the existing UV is not getting replaced. That circuit setter should be set to 9.18 GPM.	11/9/2023	CLOSED
029	All 4 Schools	11/9/2023	11/16/2023	Please provide the following information: Owner's Environmental Consultant / Air Monitoring company. Please include: NYCDEP filing, email address and ELAP# for laboratory to be used for analysis.			
030	Kakiat	11/14/2023	11/21/2023	Conflict in drawing regarding louver replacement	Exterior louvers are required as part of the base bid at no additional cost to the owner. Specification Section 238223 Section 2.3 requires the installation of a new intake louver. Also, refer to the following drawings: KES M000 - HVAC/Sheet Metal Notes 18 & 19. Note 18 indicates that exterior louvers are indicated for information only and directs the contractor to the architectural drawings for additional information. Note 19 requires that the louver sizes, locations, and details are coordinated with the GC. Sheet KES M501 UV Schedule Note 2 and Note 6 indicates the use of existing outdoor air louvers unless otherwise noted – it was noted on the architectural drawings. The architectural drawings require the clean-out and removal of bird screen how is that to be accomplished without the removal of the existing louver? Proper UV install requires that louver to be present directly and interface with the UV intake, provide a proper seal, along with keeping debris, moisture and vermin out of the building. How is this to be done with the existing louver?	11/16/2023	CLOSED
031	All 4 Schools	11/15/2023	11/22/2023	Mechanical drawing M501, air cooled condenser schedule calls for ACCU#7 to be 4-ton, single phase. Note on approved submittals from 11/3/23 want ACCU#7 condenser tonnage to be increased to 6 tons which is three phase. Two concerns: U.V.#7 cfm rating is 2000 which may not be enough for 6 tons of cooling. Is there adequate power in the designated ACCU panel for three phase.			

Jacobs

Phase 1A – MEP Package – Submittal Log – To Date (Page – 1 of 1)

Current Date	12/13/2023	East Ramapo Central School District
TOTAL	27	Phase 1A MEP - Submittal Log
Due < 2 DAYS		
OVERDUE		
TO CONTRACTOR		Initial Review: 10 WD/ Re Submittal Review: 7 WD

Submittal Spec Section / Submittal No.	Description	School	Date Submitted	Due Date (10 WD)	Date Returned	Status -000	Final Status
238223/001	Metal Storage Shelving Systems	Margetts ES	3/22/2023	4/5/2023	4/21/2023	AAN	**AAN**
236200/001	Variable Refrigerant Volume Systems (VRF)	Kakiat ES	2/13/2023	2/27/2023	3/31/2023	AAN	**AAN**
236200/002	Variable Refrigerant Volume Systems (VRF)	Margetts ES	2/13/2023	2/27/2023	3/31/2023	AAN	**AAN**
236423/001	Scroll Water Chillers - Air Cooled	Spring Valley HS, Ramapo HS	3/22/2023	4/5/2023	4/25/2023	NET	**NET**
237223/001	Packaged Rooftop DOAS Unit with Energy Recovery	Ramapo HS	3/17/2023	3/31/2023	4/14/2023	NET	**NET**
237223/002	Packaged Rooftop DOAS Unit with Energy Recovery	Spring Valley HS	3/21/2023	4/4/2023	4/19/2023	AAN	**AAN**
237413/001	Packaged Rooftop Air Conditioning Units	Spring Valley HS, Ramapo HS	3/21/2023	4/4/2023	4/6/2023	NET	**NET**
237416.14/001	Packaged Rooftop Units with Energy Recovery	Kakiat ES	3/10/2023	3/24/2023	3/10/2023	NET	**NET**
237416.14/002	Packaged Rooftop Units with Energy Recovery	Margetts ES, Elemwood ES	3/10/2023	3/24/2023	3/13/2023	NET	**NET**
238129/001	Variable Refrigerant Flow System - Shop Drawings RHS VRF	Spring Valley HS, Ramapo HS	3/13/2023	3/27/2023	5/11/2023	AAN	**AAN**
238129/002	Variable Refrigerant Flow System - SVHS ACCU-2 VRF System	Spring Valley HS	3/30/2023	4/13/2023	4/19/2023	AAN	**AAN**
238129/003	Variable Refrigerant Flow System - PD ACCU-1	Ramapo HS	4/2/2023	4/16/2023	4/19/2023	AAN	**AAN**
238129/004	Variable Refrigerant Flow System - PD ACCU-1	Spring Valley HS	4/2/2023	4/16/2023	4/21/2023	AAN	**AAN**
238216/002	Coils - Shop Drawings	Spring Valley HS, Ramapo HS	4/2/2023	4/16/2023			
238216/003	Coils - Resubmittal - Product Data	Spring Valley HS, Ramapo HS	4/26/2023	5/10/2023	5/5/2023	NET	**NET**
238219/001	Blower Coil Units	Spring Valley HS, Ramapo HS	3/13/2023	3/27/2023	5/11/2023	MCN	**MCN**
238223/001	Unit Ventilators	Margetts ES	2/23/2023	3/9/2023	2/23/2023	AAN	**AAN**
238223/002	Unit Ventilators	Kakiat ES, Elemwood ES	3/10/2023	3/24/2023	3/21/2023	R&R	**R&R**
238239/001	Unit Heaters	Spring Valley HS, Ramapo HS	3/30/2023	4/13/2023	5/10/2023	AAN	**AAN**
237313/001	Air Handling Units	Spring Valley HS	4/3/2023	4/17/2023	5/8/2023	R&R	**R&R**
237313/002	Air Handling Units	Ramapo HS	4/3/2023	4/17/2023	5/8/2023	R&R	**R&R**
105613/002	Metal Storage Shelving Systems	Kakiat ES	10/12/2023	10/26/2023	11/17/2023	R&R	**R&R**
230910-001	Automatic Temperature Controls	Kakiat ES	10/27/2023	11/10/2023	11/3/2023	AAN	**AAN**
230910-002	Automatic Temperature Controls	Margets ES & Elmwood	10/30/2023	11/13/2023			
236200/003	Variable Refrigerant Volume Systems (VRF)	Elmwood ES	10/12/2023	10/26/2023			
237313.13-001	Indoor, Basic Air-Handling Units (Kes Mes Ewes)	Kakiat, Margets & Elmwood ES	10/6/2023	10/20/2023	11/3/2023	NET	**NET**
238223/003	Unit Ventilators	Elmwood ES	10/6/2023	10/20/2023	11/3/2023	NET	**NET**

Jacobs

Phase 3A – RFI Log - To Date (Page – 1 of 1)

Current Date	11/17/2023	East Ramapo Central School District					
TOTAL	013	PHASE 3A - RFI LOG					
Due < 2 DAYS	000						
OVERDUE	000						
		Request For Information: 5 Business Days for Review					
RFI No #	**School**	**Date Submitted**	**Due Date**	**GC - Question**	**CSArch - Answer**	**Returned**	**Status**
001	All Six Schools	6/22/2023	6/29/2023	Record RFI - MS Teams Meeting 6.7.23	Responses to questions compiled by Renu/Milburn regarding ERCSD Phase 3A Flooring and review via Microsoft Teams call on 6/7/2023. Original memo prepared by Renu/Milburn is attached for reference.	6/28/2023	CLOSED
002	All Six Schools	6/22/2023	6/29/2023	In some of the rooms where we are scheduled for floor removal there are large window air conditioner units that are currently supported by casework on schedule to be removed. - Please advise who will be removing and reinstalling these units prior to work start. Thank you.	The district is in the process of removing the window air conditioning units from the work areas	6/27/2023	CLOSED
003	All Six Schools	6/22/2023	6/29/2023	**Clarify Scope at UV Casework** • Hempstead (Chase w Duct) - Refer to CIC 02GC-002HES for additional information regarding casework at Hempstead ES. • Libraries (some have electric - Clarify question/comment, provide additional information. • We would like to get exploratory access to one of each type of UV style before work start – maybe hit on the June 19th weekend **Shelving** • Some (poor condition) Shelving is nailed in – may be best to replace with something off the shelf rather than reinstall. - Provide list of locations where shelving is a concern and contractor recommends replacement for district to evaluate. **Clarify Districts removal scope** • Smart Boards • Classroom Computers • Computer towers in IT Rooms • GIANT A/C's (that happen to be demo'd casework)	The district will be removing, storing and reinstalling after construction is complete the following items from the work areas: Floor mounted smart boards (per base bid drawings contractor remove and safely store existing floor mounted supports for smart boards & then reinstall after new flooring installation), classroom computers, and computer towers. Wall mounted smart boards shall remain in classrooms during construction and shall be properly protected. See attached for additional comments in red font.	6/28/2023	CLOSED
004	Eldorado	6/22/2023	6/29/2023	Eldorado Stairwells	The intent is to not abate landings with stone tiles as a finish. Stone finish is to remain on the stair landings and treads.	6/29/2023	CLOSED
005	Hempstead	6/22/2023	6/29/2023	The plans call for removal and reinstall of the Built-in cubbies. the cubbies are not modular and were built in place. Removal would mean complete dismantling. Please advise if this casework could be left in place.	The "cubbies"/casework should be removed and reinstalled as required by the contract documents. These "cubbies"/casework are substantially built, secured at the top and not to the side walls. Identify any locations where the "cubbies"/casework are in danger of damage from removal so that the district can review these locations in the field.	6/28/2023	CLOSED
006	Eldorado	6/22/2023	6/29/2023	Plans call for NO abatement in room 235(254sf) however the conditions are the same throughout the library- room 234 (1956sf) 233 (247sf) 236 (329sf) 238 (161sf) Faculty room 240 (759 sf) Room 141 is the only room with exposed 9x9's and it does not look like they run under the carpet. See attached photes	The following is per our offices conversations with Todd McAfee at QuES&T: Room 235 - requires no abatement as it has no ACM flooring (per contract drawings) Room 233 - requires abatement 9x9 ACM tile under carpet (per contract drawings) Room 236 - requires abatement 9x9 ACM tile under carpet (per contract drawings) Room 237 - requires abatement 9x9 ACM tile under carpet (per contract drawings) Room 241 - 9x9 exposed ACM tile, this is an active server room and abatement/construction activities need to be coordinated with the district. NOTE: All other spaces in the Library (Room 234) and Faculty Room 240 have no ACM flooring (existing flooring is either carpet on concrete slab or non-ACM 1'x1' tile on concrete slab)- shown as being abated in contract documents provide credit back to owner.	6/29/2023	CLOSED
007	Summit Park	6/28/2023	7/5/2023	At Summit Park - Rooms 119 and 120. the flooring does not appear to go under the corian countertop casework. please confirm if this casework can be left in place and the flooring can go up to the casework base. Please see the attached photo. please confer w Gino.	Per the contract documents existing casework in Classrooms 199 and 120 is to remain in pace. Per documents protect during removals, remove any existing resilient base adhered to casework and provide new resilient base.	6/28/2023	CLOSED
008	Hempstead (9x9" tile under Cubbies and Book Shelves)	6/30/2023	7/7/2023	Per CIC 02-002 HES - on the lower floor: Cubbies and book shelving in rooms is to be removed and reinstalled. at multiple locations we have encountered 9x9" tile underneath removed casework. please advise on how to proceed - would you like to apply our abatement allowance?	Cubbies removal are part of base scope of work. Owner would like to see pricing for additional abatement. Please refer to CIC 02-005-HES issued for records.	7/13/2023	CLOSED
009	Summit Park (Tan Cove Glue)	6/30/2023	7/7/2023	For Summit Park - Quest indicated black cove base glue was positive for ACM. At a couple test locations we have encountered tan cove base glue. please advise if you would like to re-test sections of the Tan Cove glue locations for ACM in their interest of speeding up work.	Per CSARCH discussions with Todd MCAfee of QuES&T: The positive sample was described on the results by the laboratory as being beige/brown in color, meaning that the samples that tested positive had both the older and newer adhesives mixed together. Todd McAfee visited Summit Park on 6/30/2023 and probed several areas and noted a mix of beige and brown adhesive in all areas probed. He did not see enough other differing varieties of material to justify additional sampling. Beige/brown adhesive was identified as ACM, and should be treated as such.	7/3/2023	CLOSED
010	Summit Park (Hot Tile under Casework 158 & 159)	7/3/2023	7/10/2023	Approx. 35 sf of assumed ACM tile has been uncovered at Summit Park Library (158 & 159) - Please advise on how you would like to proceed.	Owner would like to see pricing for additional abatement. Please refer to CIC 02-005-SPES issued for records.	7/13/2023	CLOSED
011	Hempstead	7/3/2023	7/10/2023	Please confirm Directions on the items on the following page (Please see photos for reference)	Owner would like to see pricing for additional abatement. Please refer to CIC 02-005-HES issued for records.	7/13/2023	CLOSED
012	Hempstead	7/20/2023	7/27/2023	Please advise how to proceed at rooms with unusual UV Piping (see the photos below for Reference. Renu recommends mock-ups at atypical locations -SQ	The district has selected the floor mounted fin-tube enclosure, will this eliminate any of the piping concerns? Can mock-up be provided for areas that are still a concern? The schools/rooms of concerns were provided in a separate e-mail by RENU and are as follows: Eldorado room 102 has pipes coming out of floor, Grandview 119/120 are only 20" to the floor, Hempstead 314, 313, 312 and 311 have pipes running along the floor, Lime kiln 105 and 107 have pipes coming out floor, Summit park 190 has fin tube at 24" 183 protruding pipes and 167 pipes coming out floor	7/31/2023	CLOSED
013	All Six Schools	9/29/2023	10/6/2023	Please advise specificly which transition you would like to replace the currently installed ADA complaint transition	The Roppe #177 Tile Carpet Joiner is for use when transitioning from carpet to tile and this is not the application on site and therefore unacceptable. Provide the new surface edge protection between new LVT and existing bluestone stair tread. Contractor to verify in field for height differential of flooring materials and to select appropriate profile from MFR: Schluter-VINPRO, brushed chrome anodized (or approved ADA compliant equal).	11/8/2023	CLOSED

Jacobs

Phase 3A – Submittal Log – To Date (Page – 1 of 1)

Current Date	11/17/2023	East Ramapo Central School District
TOTAL	9	Phase 3A - Submittal Log
Due < 2 DAYS	0	
OVERDUE	6	
TO CONTRACTOR		Initial Review: 10 WD/ Re Submittal Review: 7 WD

Submittal Spec Section / Submittal No.	Description	School	Date Submitted	Due Date (10 WD)	Date Returned	Status -000	Final Status
028200-001	Asbestos Abatement - Waste Permit	Hempstead ES	6/21/2023	7/5/2023			
028200-002	Logistic & Posting	Hempstead ES	6/21/2023	7/5/2023			
028200-003	Updated Schedule & Logistics Drawing	Hempstead ES	6/26/2023	7/10/2023			
028200-004	Updated Phasing Logistics Drawing	Hempstead ES	6/28/2023	7/12/2023	7/9/2023	NET	**NET**
028200-005	Asbestos Abatement Pre-Work Submittals Sub-IAR	Lime Kiln & Summit Park	7/6/2023	7/20/2023	7/9/2023	NET	**NET**
096723-001	Resinous Flooring - Product Data	All Schools	6/26/2023	7/10/2023	6/30/2023	AAN	**AAN**
096766-001	Gym Floor Rendering Shop Drawings (Fluid Applied Athletic Flooring)	All Schools	8/22/2023	9/5/2023			
123216-001	Casework - Product Data	All Schools	8/11/2023	8/25/2023			
123216-002	Casework - Shop Drawings	All Schools	8/11/2023	8/25/2023			

Daily Construction Field Reports & CIC's are available upon request.

END OF REPORT