

Schedule Requirements
Glassboro Public Schools FVHD #4522

Project Schedule, Milestones and Constraints						
Task #		Task	Start Date	Completion Date	Milestone #	Key Notes
Drawings/Submittals						
S	1	All time critical submissions including, but not limited to, boiler plant, chiller plant, mechanical equipment, doors and hardware, store fronts, electrical panels, etc.	20 Working Days from NTP		1	
S	2	All other submissions	60 Working Days from NTP		2	
Phase 1 Work						
M	1	Mobilize and start work on/about	April 18, 2016			1
Phase 1A- Spring of 2016						
		Regular shift work				2
		High School				
1A	1	HS- Classroom renovations- Start- Two rooms at a time for all trades to work simultaneously. Upon completion and re-occupancy two additional rooms will be assigned for work.	April 18, 2016			3
1A	2	Boiler Room work- domestic hot water heater plant- start	April 18, 2016			
1A	3	Boiler Room work- domestic hot water heater plant- complete and fully operational by		June 20, 2016		
1A	4	Renovations room A101- start	April 18, 2016			4
1A	5	Boiler Room work- boiler plant- start of work no earlier than	June 20, 2016			
1A	7	High School- Auditorium HVAC- decommission existing and start work	June 20, 2016			
Second shift and school recess days only						
1A	1	All Schools (as applicable)				
1A	2	Door and hardware replacement, intruder lockset installation	April 18, 2016	June 17, 2016		8
1A	3	Fire alarm system				8
1A	4	Automatic temperature controls system (Intermediate School is priority)				8
1A	5	HS- Classroom renovations- Two rooms at a time for all trades to work simultaneously. Upon completion and re-occupancy two additional rooms will be assigned for work.				
1A	6	MEP- corridor work- second shift and school holidays- heating mains, hot water piping, controls wiring, fire alarm, electrical conduit, data/fiber				5
1A	7	Electrical panel work- mount new boxes, run feeders				5

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Phase 1B- Summer of 2016					
1B 1	Start Phase 1B work	June 20, 2016			
	<u>All Schools (as applicable)</u>				
1B 2	Secure vestibules, storefronts, related work	June 20, 2016	August 19, 2016		
1B 3	Toilet Rooms- phase 1				7
1B 4	Computer room renovation- Thomas Bowe ES				
1B 5	Door and hardware replacement, intruder lockset installation				7
1B 6	Domestic hot water heater system- Phase 1				7
1B 7	HVAC equipment- phase 1				7
1B 8	Fire alarm system				8
1B 9	Automatic temperature controls system (Intermediate School is priority)				8
1B 10	Electrical system work for new lighting and HVAC				8
1B 11	Utility shut-downs and switchovers as required				8
1B	<u>Intermediate School</u>				
1B 13	Plaster restoration and repair- phase 1	June 20, 2016	August 19, 2016		
1B 14	Automatic temperature controls, head end and programming				8
1B 15	Plumbing piping and domestic hot water plant				8
1B	<u>High School</u>				
1B 16	Trainers Area (Base and alternate bid)	June 6, 2016	August 12, 2016		
1B 17	Renovations Area- Guidance and Vice Principals Suite	June 20, 2016	August 19, 2016		
1B 18	Renovations- Alt Bid new toilet rooms, if accepted				
1B 19	Renovations- Base Bid Toilet rooms- phase 1				
1B 20	Classroom Renovations- Phase 1				7
1B 21	Renovations room A101- continue				
1B 22	Cooling tower replacement				
1B 23	HVAC unit replacement in rooms and corridors- Phase 1				7
1B 24	Substantial completion date Phase 1B- All work above except renovation Area B		August 19, 2016	3	
1B 25	Substantial completion date Phase 1B- Renovation Area B, toilet rooms and boiler plant		September 30, 2016	4	

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Project Schedule, Milestones and Constraints						
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Phase 2 Work						
Phase 2A- Fall of 2016 - Spring of 2017						
2A	Start Phase 2A work		August 19, 2016			
2A	1	HS- Classroom renovations- Two rooms at a time for all trades to work simultaneously. Upon completion and re-occupancy two additional rooms will be assigned for work.	August 19, 2016	June 16, 2017		3
2A	2	Adminstration building generator				
Second shift and school recess days only						
2A	3	MEP- corridor/room work- i.e.- heating mains, hot water piping, controls wiring, fire alarm, electrical conduit, data/fiber and similar work.				5
2A	4	Electrical panel work- mount new boxes, run feeders				5
2A	5	Other preparations for phase 2B work as required				8,9
Phase 2B- Summer of 2017						
2B	All Schools Remainder of Work		June 19, 2017	August 18, 2017		
2B	6	Door and hardware replacement, intruder lockset installation				
2B	7	Toilet rooms- phase 2				
2B	8	Fire alarm systems				8
2B	9	Domestic hot water heater system- Phase 2				
2B	10	Chiller Replacement- D Bullock School				
2B	11	Automatic temperature controls systems				8
2B	12	HVAC unit replacement				
2B	13	Rooms/corridors ceiling and lighting replacement				
2B	14	Boiler plant replacement- JH Rodgers School				
2B	15	Classroom air conditioning work- JH Rodgers				
2B	16	All Schools- Remainder of all work				
High School						
2B	17	Classroom Renovations- Remainder of work				
2B	18	HVAC unit replacement in rooms and corridors- Remainder of work				
2B	19	Toilet rooms- remainder of work				
Overall Completion						

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Task #		Task	Start Date	Completion Date	Milestone #	Key Notes
		Substantial completion date- all work	August 18, 2017		5	
		Final completion date- all work	September 22, 2017		6	
General Schedule Notes:						
	A	Refer to phasing key plan for more information				
	B	The contractors shall prepare an overall detailed project schedule incorporating the information contained in this critical dates chart. The schedule prepared by the contractor shall be reviewed and subject to acceptance by the owner, construction manager and architect.				
	C	Contractors schedule shall account for time needed for asbestos testing, abatement, permits and clearances.				
	D	Reasonable adjustment to tasks and non-milestone dates are acceptable subject to review/approval by owner, CM and Architect.				
	E	Refer to Section 01800 for milestone date requirements and liquidated damages provisions.				
	F	Dates, milestone dates, constraints and phasing apply to all contractors whose work is necessary to complete the task.				
Key Notes:						
	1	Subject to notice to proceed, permits, etc.				
	2	During school year work during school day is only permitted in areas not occupied by students or staff.				
	3	Classroom locations to be turned over for work to be approved by owner.				
	4	Work to take place within temporary barricades and dust protection installed by GC. Access to area to be coordinated with CM and owner.				
	5	Disturbed areas, including ceilings (including ceiling tile) must be restored prior to next school day.				
	6	All classroom renovation work started during this phase must be complete in time for start of new school year.				
	7	Areas of work to be determined by contractor and reflected in his schedule. This work is divided into two phases- Summer of 2016 and Summer of 2017. All systems and spaces taken out of commission must be fully restored in time for owner to re-occupy spaces by indicated date.				
	8	Existing critical building systems (i.e.-electrical, fire alarm, controls, etc.) must remain in operation until new system is complete, inspected, accepted and fully operational. Shut-downs and switch overs must be coordinated in advance with owner.				
	9	Any work started must be completed and ready for use on the next school day				