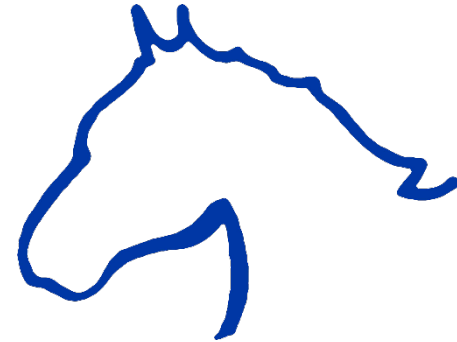
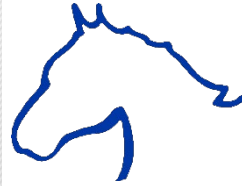


Horseheads 2030: High School Update June 20, 2019



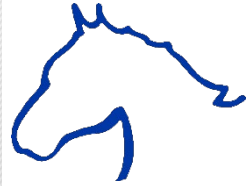
HUNT ENGINEERS | ARCHITECTS | SURVEYORS

Bid Results



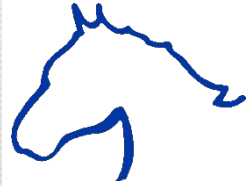
Base bid costs (Inc. turf, track, cameras, HVAC controls, interactive boards, technology upgrades, paging)	\$54,375,639
General Contractor (GC) “underbid”	\$1,740,000
Alternate 6 (Additional casework in the classrooms)	\$110,000
Alternate 8 (Stadium outbuilding additional storage)	\$209,600
Alternate 10 (Expanded parking lot)	\$112,000
Alternate 11 (Additional entry pavement)	\$118,300
Alternate 13 (Visitor bleacher)	\$334,700
NYS Logo	\$14,390
Track surface upgrade	\$105,829
Stadium lighting upgrade	\$40,263
Alternate Total	\$1,045,082
Total bids w/base bid, GC “underbid”, and requested alternates	\$57,160,721

Budget Summary



Total bids w/base bid, General Contractor “underbid”, and requested alternates	\$57,160,721
Original Budget	\$47,580,286
Total Overbudget	-\$9,580,435

Bid Results - Factors



- SED delay in planned review period
- SED review & Development of Documents added some scope from estimated set of documents to Bid Documents
- Bidding in March/April instead of January/February
- Extreme Quantity of Projects being bid in 2018-19
- Limited Available Bidders
- Uncertainty in trade market
- Limited qualified workers
- Short Bid Period to prepare the bids
- Pre-Cast Supplier Issues

High School Building Value Engineering Items



- Make all new roofs to be 20 year warranty.
- Change Standing Seam roof systems to a more cost effective roof system.
- Reduce the use of wood ceilings for more cost effective ceiling systems
- Reduce complicated terrazzo designs in new corridor.
- Delete “sails” over main office
- Change precast panel design to a modular stone material.
- Change glass system in the new cafeteria roof opening.

High School Mechanical Value Engineering Items



- Change library and cafeteria mechanical system to be stand alone systems at each location.
- Adjust piping for cooling in building and utilize a diversity design.
- Abandon all existing piping in crawl space in place.

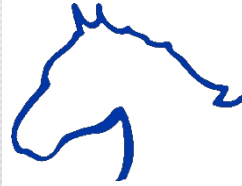
High School Site Value Engineering Items



- Reduce stone materials in courtyard plaza for concrete.
- Reduce some fencing at stadium.
- Reduce size of visitor bleachers and associated foundations and concrete pad.
- Change scoreboard foundation system.
- Abandon all existing utilities and leave in place.

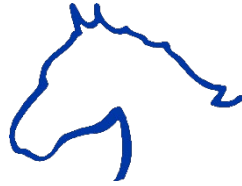
- Total Value Engineering Savings: \$2,800,549

Future Scope Reduction



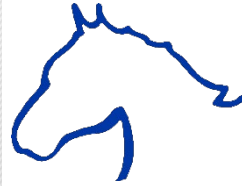
- Delete Center Street boiler replacement.
- Delete Gardner Road roof replacement.
- Reduce Ridge Road site improvements.
- Reduce Big Flats site improvements.
- Reduce Bus Garage site improvements.
- Delete Middle School/Intermediate School gymnasium and locker room improvements.
- Total Future Scope Reduction Savings: \$6,366,367

Financial Appropriations



Financial Appropriation	
19-20 Annual Project Expenditure	\$1,000,000
Phase I Incidental Savings	\$400,000
Phase I Construction Savings	\$100,000
Current Camera COSER	\$100,000
Siemens NYSERDA Rebate	\$375,000
Financial Appropriation Total	\$1,975,000

Revised Project Budget

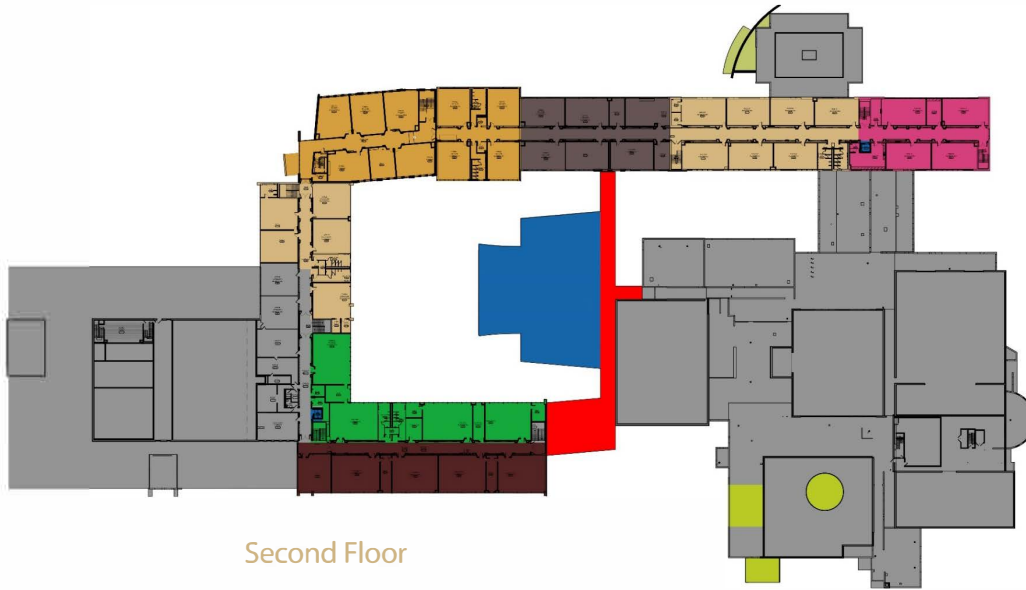


Original Budget	\$47,580,286
Total bids w/base bid, General Contractor “underbid”, and requested alternates	\$57,160,721
Total overbudget	-\$9,580,435
Total HS value engineering cost savings	\$2,800,549
Total future scope reduction cost savings	\$6,366,367
Total financial appropriation	\$1,975,000
Under Re-Bid Proposed budget (with all savings)	\$1,561,481

Schedule

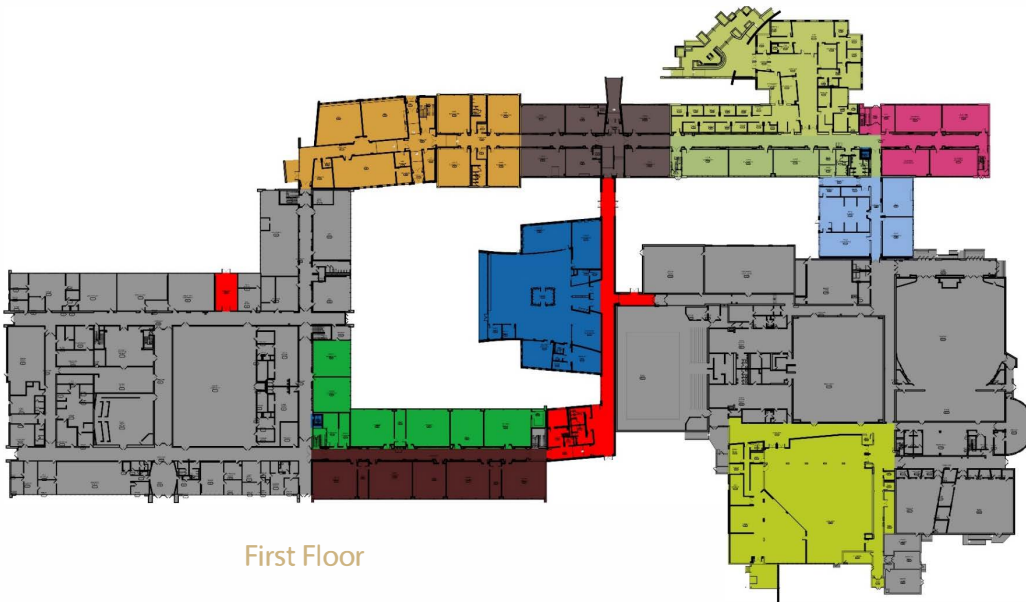


HS Schedule Comparison				
	Planned	Weeks	First Bid	Weeks
SED Submission/Review	9/27/18 - 1/18/19	14	10/16/18 - 2/28/19	20
Bid Period	1/21 - 2/15/19	4	2/28 - 4/2/2019	4
Award Contract	2/16 - 3/8/19	3	4/3 - 4/10/2019	1
Construction	3/9/19 - 9/6/21		4/11/19 - 11/18/21	
	First Bid		Second Bid	
Bid Period	2/28 - 4/2/2019	4	8/28 - 10/9/19	6
Award Contract	4/3 - 4/10/2019	1	10/10 - 10/23/19	2
Construction	4/11/19 - 11/18/21		10/24/19 - 7/29/22	



Second Floor

- Zone 1 - Library Corridor 11/21/19 to 6/29/20
- Zone 2 - Library 11/21/19 to 8/31/20
- Zone 3 - Cafeteria 11/21/19 to 8/28/20
- Zone 4 - Science West 12/20/19 to 8/31/20
- Zone 5 - First Floor E/G 6/25/20 to 8/31/20
- Zone 6 - Area H Addition 6/26/20 to 7/7/21
- Zone 7 - Main Office 7/2/20 to 1/13/21
- Zone 8 - FACS Rooms 1/14/21 to 8/23/21
- Zone 9 - Second Floor E/G/I 6/25/21 to 8/31/21
- Zone 10 - Business Rooms 6/25/21 to 11/17/21
- Zone 11 - Area G 6/28/21 to 12/24/21
- Zone 12 - Science East 12/30/21 to 7/29/22



First Floor

HORSEHEADS HIGH SCHOOL
HORSEHEADS CENTRAL SCHOOL DISTRICT



HUNT