

**Attending:**

**Representing:**

**Email:**

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David Nash	StoweNash Associates, LLC (SNA)	<a href="mailto:david@stowenash.com">david@stowenash.com</a>
Ted Wallover	Wallover Architects, Inc. (WAI)	<a href="mailto:ewallover@walloverarchitects.com">ewallover@walloverarchitects.com</a>
Judy Holland	West Jefferson Hills School District – Resident	
Shannon Holland	West Jefferson Hills School District – Resident	

Meeting Location: Thomas Jefferson High School – Choir Room

Meeting Purpose: Thomas Jefferson High School Bidding and Negotiation Update.

**Items of Discussion:**

1. D. Pozycki welcomed all those attending and provided overview of the agenda.
2. Dr. Panza reported on an offer from Golden Triangle regarding plumbing tap-in that could result in a credit change order for the vault.
3. Dr. Panza reported that the district is considering rental of a work trailer. The district is investigating opportunities and will report more at the next meeting.
4. In preparation for reviewing the results of the Phase 2 bids the target cost per the Pennsylvania Department of Education was discussed. WTW stated that the Aggregate Building Expenditure Standard, \$69,993,468.00 is the maximum allowable building construction cost per the Pennsylvania Department of Education.
5. It was reported that full verification of bidder's qualifications is still being conducted by the District's solicitor. All costs referencing the current apparent low bids are subject to change pending the results of the solicitor's verification process.
6. Turner Construction distributed a bid tabulation indicating bid results for all six prime contracts (attached). The total base bid project cost, assuming all low bidders, is \$64,258,762.00.

General Construction	\$41,997,000
Electrical	\$8,380,000
Fire Suppression	\$915,900
Food Service Equipment	\$769,862

HVAC	\$8,600,000
Plumbing	\$3,596,000
Total:	\$64,258,762

7. WTW projected a working spread sheet for the purposes of comparing the project cost based on bid results to the permitted PDE Aggregate Building Expenditure Standard.
  - a. To arrive at a cost for comparison the following adjustments were made to the base bid project cost:
    - 1) Because the PDE Aggregate Building Expenditure Standard is for the cost of the building construction alone the assumed cost of site construction was subtracted from the total base bid project cost to arrive at a building only construction cost. A conservative assumption was made that the site costs would be 9.5% of the total project cost. This assumption will be confirmed once the apparent low bidders provide their cost breakdown.
    - 2) OCIP, Builders Risk Insurance, and Architect fees were added to the building only construction cost.
    - 3) The committee discussed the appropriate construction contingency. B. Kane was comfortable recommending a 6% contingency which was added to the building only construction cost and fees.
      - a. The committee compared the resulting cost of the building only construction to the Aggregate Building Expenditure Standard which helped inform the decision making regarding which alternates to except and recommend to the School Board.
8. The committee discussed each alternate and agreed to make the following recommendations to the School Board (refer to the attached bid tabulations for a description of each alternate):
  - a. Alternate #1, Accepted. This was a top five priority as determined by the committee prior to receipt of bids.
  - b. Alternate #2A, Accepted. The general construction low bid contractor did not provide a price for Alternate #2B, therefore, if the committee were to recommend Alternate #2B the low bid contractor would be disqualified and the second low bid contractor would become the apparent low. Given the cost delta between bidders #1 and #2 the committee decided to recommend accepting Alternate #2A and rejecting Alternate #2B.
  - c. Alternate #2B, Rejected. See Alternate #2A discussion.
  - d. Alternate #2C, Rejected. T. Wallover (Pool Consultant) recommended rejection of the alternate given the associated cost.
  - e. Alternate #2D, Rejected. The committee felt the timing equipment and scoreboard should be included in the FF&E package.
  - f. Alternate #3, Rejected.
  - g. Alternate #4, Rejected.
  - h. Alternate #5, Accepted. This was a top five priority as determined by the committee prior to receipt of bids.
  - i. Alternate #6, Accepted.
  - j. Alternate #7, Accepted.
  - k. Alternate #8A, Rejected. See Alternate #8B discussion.
  - l. Alternate #8B, Accepted. This was a top five priority as determined by the committee prior to receipt of bids. Areas of terrazzo in Alternate #8B include all of the areas included in Alternate #8A plus all remaining corridors.
  - m. Alternate #9, Rejected.
  - n. Alternate #10, Rejected.
  - o. Alternate #11A, Rejected.
  - p. Alternate #11B, Rejected.
  - q. Alternate #12, Rejected.
  - r. Alternate #13, Rejected.

- s. Alternate #14, Rejected.
  - t. Alternate #15A, Accepted. This was a top five priority as determined by the committee prior to receipt of bids.
  - u. Alternate #15B, Accepted. This was a top five priority as determined by the committee prior to receipt of bids.
  - v. Alternate #16, Accepted. This was a top five priority as determined by the committee prior to receipt of bids.
  - w. Alternate #17, Rejected. The committee felt the security cameras should be included in the FF&E package.
  - x. Alternate #18, Accepted.
  - y. Alternate #19, Accepted.
  - z. Alternate #20, Accepted
  - aa. Alternate #21A, Rejected.
  - bb. Alternate #21B, Rejected.
  - cc. Alternate #21C, Rejected.
  - dd. Alternate #22A, Accepted.
  - ee. Alternate #22B, Accepted.
  - ff. Alternate #23, Accepted.
  - gg. Alternate #24, Accepted.
  - hh. Alternate #25A, Accepted.
  - ii. Alternate #25B, Accepted.
  - jj. Alternate #26, Rejected. The committee felt the movable kitchen equipment should be included in the FF&E package.
  - kk. Site Alternate #1, Accepted.
  - ll. Site Alternate #2, Accepted.
9. Dr. Panza asked the committee to consider what procedures should be recommended to the school board for handling change orders throughout the course of Phase 2 construction. The topic was tabled until the next construction committee meeting.
- 10.L. Payne reviewed the proposed bidding and contract award timeline for Phase 2. Bids are to be reviewed and recommended alternates are to be considered by the School Board at the 1/19/16 work session and acted on at the regular meeting on 1/26/16. In early February the District will sign contracts and issue Notice to Proceed to contractors for mobilization in the beginning of March.
- 11.L. Payne reviewed the status of submissions.
- 12.L. Payne reviewed the status of permits and inspections.
- 13.L. Payne reviewed the status of PlanCon submissions.
- a. Part G, Project Accounting Based on Bids: Submitted 10/12/15 for Phase 1, Approval Pending Receipt of Phase 2
  - b. PlanCon Part F, Construction Documents: Forwarded to PDE for Receipt by December 1st
  - c. PlanCon Part F, Construction Documents Conference Call: December 3rd, 1:30 PM at DAO Conference Room Part F Approval Required prior to signing Contracts
  - d. PlanCon, Submission of Addenda during Bidding
  - e. PlanCon Part F Attachment C – Post Bid Opening Certification: Submitted after January 26th School Board Meeting
  - f. PlanCon Part G, Cumulative Project Accounting Based on Bids: Phase 2 – February or March 2016 Submission
  - g. PlanCon Part H, Project Financing: Forwarded to District on 11/5/15, Submitted to the Board after approval of Contracts

- h. PlanCon Part I, Interim Reporting: Submitted as required for Change Orders TCCo to review Protocol

14.L. Payne reviewed status of Phase 1 site work construction.

- a. Phase 1 is currently proceeding on schedule.
- b. R. Snodgrass reported that discussion occurred at the last Phase 1 construction meeting regarding adjustment to the grading plan to allow construction of a ring road around the entire building. He said that this would be preferred by the District if it can be achieved. More discussion on how and if this can be achieved will take place at future Phase 1 construction meetings.
- c. L. Payne noted WTW would generate Add Service proposals for issues like: design of the ring road, additional landscape design at the bus driveway entrance and additional culvert extending under bus road to accommodate unforeseen drainage condition from Old Clairton Road.

**Action Items:**

- 1. West Jefferson Hills School District:
  - a. Consider change order procedure protocols to recommend to the School Board in preparation for discussion at next Construction Committee meeting.
  - b. WTW will assist in preparing a brief presentation for School Board Work Session on bid results and recommended alternates.

**Next Meeting:**

- 1. Construction Committee Meeting – February 11, 2016, Time 5:30 PM, Location: TJ High School – Choir Room
- 2. Required/Specialized Attendance:
  - a. WJHCC
  - b. Design Team: WTW, G+P & Design Team (as required)
- 3. Proposed Major Agenda Items:
  - a. WJHSD to issue agenda.
  - b. Discuss change order protocol for recommendation to the School Board.

**Any authorized persons who take exception to any statement in this report shall notify the Preparer, in writing, within three (3) days from the date of receipt of this report, stating in detail the correction or omission. Otherwise this report shall be considered correct and final.**

Prepared by:

WTW ARCHITECTS  
Gregory Smith, AIA  
Project Manager  
January 21, 2016

Distribution:

**Name:**

Attendees

Patty Zeleznick  
John Rambo  
Robert McTierman  
Aaron Donahue

**Representing:**

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**Thomas Jefferson High School**

West Jefferson Hills School District  
WTW Project No. 71-4012

**WJHSD CC BIDDING AND NEGOTIATION MEETING 01**

January 14, 2016  
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**Attachments:**

1. Turner Bid Tabulation Handouts.

**West Jefferson Hills School District  
New Thomas Jefferson High School  
Bid Tabulation**

**1/14/2016  
(revised)**

		<u>Low Bid</u>	<u>Low Bid with 5 Alternates</u>	<u>2nd Bid</u>	<u>2nd Bid with 5 Alternates</u>	
1	GENERAL CONSTRUCTION	\$ 41,997,000	\$ 43,214,000	\$ 43,198,000	\$ 44,232,000	
2	PLUMBING	\$ 3,596,000	\$ 3,596,000	\$ 3,707,300	\$ 3,707,300	
3	FIRE PROTECTION	\$ 915,900	\$ 971,300	\$ 967,000	\$ 1,015,500	
4	HVAC	\$ 8,600,000	\$ 8,600,000	\$ 8,690,000	\$ 8,690,000	
5	ELECTRICAL	\$ 8,380,000	\$ 8,621,274	\$ 8,689,000	\$ 8,918,400	
6	FOOD SERVICE	\$ 769,862	\$ 769,862	\$ 805,950	\$ 805,950	
	<b>Total Bids</b>	\$ 64,258,762	\$ 65,772,436	\$ 66,057,250	\$ 67,369,150	
(estimate)	LESS SITEWORK	9%	6,104,582	6,248,381	6,275,439	6,400,069
	Building Cost	\$ 58,154,180	\$ 59,524,055	\$ 59,781,811	\$ 60,969,081	
**	Plus Insurance OCIP	\$ 1,244,499	\$ 1,273,815	\$ 1,279,331	\$ 1,304,738	
**	Plus Insurance BRI	\$ 116,308	\$ 119,048	\$ 119,564	\$ 121,938	
**	Plus Architect Fee on structure	\$ 3,486,634	\$ 3,568,765	\$ 3,584,218	\$ 3,655,401	
**	Plus Contingency 5%	\$ 2,907,709	\$ 2,976,203	\$ 2,989,091	\$ 3,048,454	
	Max. Building Construction Cost based on Bids:	\$ 65,909,330	\$ 67,461,885	\$ 67,754,015	\$ 69,099,613	
** These numbers are calculated based on bids less the estimated sitework, and contracted values.						
Act 34	Maximum Building Construction Cost*:	\$ 67,227,965	\$ 67,227,965	\$ 67,227,965	\$ 67,227,965	
Aggregate	Building Expenditure Standard:	\$ 69,993,468	\$ 69,993,468	\$ 69,993,468	\$ 69,993,468	

\* The Act 34 number must be less than the Aggregate Building Expenditure Standard (ABES).  
Bids can exceed the Act 34 number up to 8% without a second public hearing.  
Change Orders or Supplemental Contracts added to the Act 34 number cannot exceed the ABES.

Alternate No.	Alternate Title	BIDDERS	LOW BIDDER NUMBER			TOTAL
<b>BUILDING EXTERIOR</b>						
1	Add Roof at Penhouse Screen Walls	GC, FP, EC	\$ 875,000	\$ 55,400	\$ 43,351	\$ 973,751
3	Add Screen Walls at Arts Wing	GC	\$ 62,000			\$ 62,000
4	Add Operable Windows	GC	\$ 140,000			\$ 140,000
5	Add Extended Dock Canopy at Dock Edge	GC, EC	\$ 12,000	\$ 1,375		\$ 13,375
20	Change Dome Roof Drain Strainers from Plastic to Metal	PC	\$ 12,500			\$ 12,500

**BUILDING INTERIORS**

7	Change Size of Acoustical Ceiling Panels	GC	\$ 20,000			\$ 20,000
8A	Add Terrazzo Flooring on Main Level select corridors	GC	\$ 360,000			\$ 360,000
8B	Add Terrazzo Flooring - all Levels as indicated	GC	\$ 920,000			\$ 920,000
10	Add Ceramic Tile at Toilet Rooms	GC	\$ 110,000			\$ 110,000

**GRAPHICS**

9	Add Graphic Murals	GC	\$ 23,000			\$ 23,000
11A	Add Painted Wall Graphic (mascot) at Main Gym	GC	\$ 4,000			\$ 4,000
11B	Add Painted Wall Graphic (mascot) at Natatorium	GC	\$ 10,000			\$ 10,000

**MECHANICALS**

12	Change Terminal Reheat Boxes from Fan-Powered to Single Duct VAV	HC	\$ (129,000)			\$ (129,000)
13	Change Boilers from High Efficiency to Standard Efficiency	HC	\$ (15,000)			\$ (15,000)
14	Change IT Infrastructure Supports from J-Hooks to Cable Tray	EC	\$ 47,355			\$ 47,355
15A	Change Lighting in Classrooms from Fluorescent to LED	EC	\$ 46,717			\$ 46,717
15B	Change Lighting in Corridors from Fluorescent to LED	EC	\$ 37,246			\$ 37,246
19	Change Copper Pressure Fittings to Soldered Joints	PC	\$ 20,000			\$ 20,000
21A	Change Manufacturer of Building Automation System to Automated Logic	HC	\$ (33,000)			\$ (33,000)
21B	Change Manufacturer of Building Automation System to Seimens	HC	\$ (16,000)			\$ (16,000)
21C	Change Manufacturer of Building Automation System to Andover Controls	HC	\$ 2,000			\$ 2,000

**SECURITY**

16	Add Card Access to Classroom Doors	GC, EC	\$ (30,000)	\$ 196,548		\$ 166,548
17	Add Security Cameras	EC	\$ 191,686			\$ 191,686

**CURRICULUM/ FOOD SERVICE**

18	Add Compressed Air at Art Classrooms and Garage Area	PC	\$ 18,000			\$ 18,000
26	Add Selected Food Service Equipment	FS	\$ 64,634			\$ 64,634

**SITE**

Site - 1	Add Paved Field/ Event Parking	GC, EC	\$ 115,000	\$ 27,016		\$ 142,016
Site - 2	Add Lighting and Wiring for Tennis Courts	EC	\$ 137,027			\$ 137,027

**POOL**

2A	Add Full Ceramic Tile Finish to 8 Lane Gunite Pool	GC	\$ 185,000			\$ 185,000
2B	Change Pool to 8 Lane Myrtha Pool with Classic Gutter System and Vinyl Accents	GC	no bid			
2C	Change Pool Filter Type	GC, PC	\$ 70,000	\$ 1,000		\$ 71,000
2D	Add Pool Deck and Timing Equipment	GC	\$ 125,000			\$ 125,000

**THEATER**

6	Add Additional Auditorium Stage Line Sets	GC	\$ 115,000			\$ 115,000
22A	Theatrical Lighting System: Add Follow Spotlights and Lighting Fixtures	EC	\$ 108,086			\$ 108,086
22B	Theatrical Lighting System: Add Lighting Fixtures	EC	\$ 66,601			\$ 66,601
23	Theatrical Audio, Video, and Communications System: Change Wireless Microphones from Shure to Sennheiser	EC	\$ (2,140)			\$ (2,140)
24	Theatrical Lighting System: Add TV Studio Lighting Fixtures	EC	\$ 40,970			\$ 40,970
25A	Theatrical Lighting System: Add Theatrical Lighting Controls	EC	\$ 52,501			\$ 52,501
25B	Theatrical Lighting System: LGI -Add Theatrical Lighting Fixtures	EC	\$ 40,757			\$ 40,757

Alternate No.	Alternate Title	BIDDERS	2ND BIDDER NUMBER*			TOTAL
	<b>BUILDING EXTERIOR</b>		* based solely on base bid			
1	Add Roof at Penhouse Screen Walls	GC, FP, EC	\$ 520,000	\$ 48,500	\$ 41,000	\$ 609,500
3	Add Screen Walls at Arts Wing	GC	\$ 65,000			\$ 65,000
4	Add Operable Windows	GC	\$ 195,000			\$ 195,000
5	Add Extended Dock Canopy at Dock Edge	GC, EC	\$ 24,000	\$ 2,000		\$ 26,000
20	Change Dome Roof Drain Strainers from Plastic to Metal	PC	\$ 13,000			\$ 13,000

**BUILDING INTERIORS**

7	Change Size of Acoustical Ceiling Panels	GC	\$ 64,000			\$ 64,000
8A	Add Terrazzo Flooring on Main Level select corridors	GC	\$ 420,000			\$ 420,000
8B	Add Terrazzo Flooring - all Levels as indicated	GC	\$ 930,000			\$ 930,000
10	Add Ceramic Tile at Toilet Rooms	GC	\$ 130,000			\$ 130,000

**GRAPHICS**

9	Add Graphic Murals	GC	\$ 24,000			\$ 24,000
11A	Add Painted Wall Graphic (mascot) at Main Gym	GC	\$ 4,000			\$ 4,000
11B	Add Painted Wall Graphic (mascot) at Natatorium	GC	\$ 10,000			\$ 10,000

**MECHANICALS**

12	Change Terminal Reheat Boxes from Fan-Powered to Single Duct VAV	HC	\$ (71,000)			\$ (71,000)
13	Change Boilers from High Efficiency to Standard Efficiency	HC	\$ (39,650)			\$ (39,650)
14	Change IT Infrastructure Supports from J-Hooks to Cable Tray	EC	\$ 57,500			\$ 57,500
15A	Change Lighting in Classrooms from Fluorescent to LED	EC	\$ 54,000			\$ 54,000
15B	Change Lighting in Corridors from Fluorescent to LED	EC	\$ 39,000			\$ 39,000
19	Change Copper Pressure Fittings to Soldered Joints	PC	\$ (10,000)			\$ (10,000)
21A	Change Manufacturer of Building Automation System to Automated Logic	HC	\$ 21,000			\$ 21,000
21B	Change Manufacturer of Building Automation System to Seimens	HC	\$ (14,500)			\$ (14,500)
21C	Change Manufacturer of Building Automation System to Andover Controls	HC	\$ (7,500)			\$ (7,500)

**SECURITY**

16	Add Card Access to Classroom Doors	GC, EC	\$ 70,000	\$ 186,400		\$ 256,400
17	Add Security Cameras	EC	\$ 252,000			\$ 252,000

**CURRICULUM/ FOOD SERVICE**

18	Add Compressed Air at Art Classrooms and Garage Area	PC	\$ 21,000			\$ 21,000
26	Add Selected Food Service Equipment	FS	\$ 68,500			\$ 68,500

**SITE**

Site - 1	Add Paved Field/ Event Parking	GC, EC	\$ 120,000	\$ 32,000		\$ 152,000
Site - 2	Add Lighting and Wiring for Tennis Courts	EC	\$ 155,000			\$ 155,000

**POOL**

2A	Add Full Ceramic Tile Finish to 8 Lane Gunite Pool	GC	\$ 150,000			\$ 150,000
2B	Change Pool to 8 Lane Myrtha Pool with Classic Gutter System and Vinyl Accents	GC	\$ 220,000			\$ 220,000
2C	Change Pool Filter Type	GC, PC	\$ 70,000	-		\$ 70,000
2D	Add Pool Deck and Timing Equipment	GC	\$ 170,000			\$ 170,000

**THEATER**

6	Add Additional Auditorium Stage Line Sets	GC	\$ 58,000			\$ 58,000
22A	Theatrical Lighting System: Add Follow Spotlights and Lighting Fixtures	EC	\$ 122,000			\$ 122,000
22B	Theatrical Lighting System: Add Lighting Fixtures	EC	\$ 73,000			\$ 73,000
23	Theatrical Audio, Video, and Communications System: Change Wireless Microphones from Shure to Sennheiser	EC	\$ (2,100)			\$ (2,100)
24	Theatrical Lighting System: Add TV Studio Lighting Fixtures	EC	\$ 39,000			\$ 39,000
25A	Theatrical Lighting System: Add Theatrical Lighting Controls	EC	\$ 42,000			\$ 42,000
25B	Theatrical Lighting System: LGI -Add Theatrical Lighting Fixtures	EC	\$ 43,000			\$ 43,000



**West Jefferson Hills School District  
New Thomas Jefferson High School  
Bid Tabulation - General Contractors**

**004101**

<b>Base Bid</b>	\$ 43,198,000	\$ 43,500,000	\$ 41,997,000	\$ 44,980,000
<b>Total w/ 5 ranked Alternates</b>	\$ 44,232,000	\$ 44,488,000	\$ 43,214,000	\$ 45,993,000
<b>Alternates Selected</b>	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 44,232,000	\$ 44,488,000	\$ 43,214,000	\$ 45,993,000

Note: includes 2A & B, which cannot be taken together and 8A & B.

<b>ALTERNATES</b>					
<b>1</b>	\$ 520,000.00	\$ 571,000.00	\$ 875,000.00	\$ 558,000.00	Add Roof at Penhouse Screen Walls
<b>3</b>	\$ 65,000.00	\$ 68,000.00	\$ 62,000.00	\$ 66,000.00	Add Screen Walls at Arts Wing
<b>4</b>	\$ 195,000.00	\$ 134,000.00	\$ 140,000.00	\$ 142,000.00	Add Operable Windows
<b>5</b>	\$ 24,000.00	\$ 14,000.00	\$ 12,000.00	\$ 2,000.00	Add Extended Dock Canopy at Dock Edge
<b>2A OR 2B</b>	\$ 150,000.00	\$ 195,000.00	\$ 185,000.00	\$ 154,000.00	Add Full Ceramic Tile Finish to 8 Lane Gunitite Pool
<b>2B</b>	\$ 220,000.00	\$ 305,000.00	no bid	\$ 145,000.00	Change Pool to 8 Lane Myrtha Pool with Classic Gutter System and Vinyl Accents
<b>2C</b>	\$ 70,000.00	\$ 73,000.00	\$ 70,000.00	\$ 44,375.00	Change Pool Filter Type
<b>2D</b>	\$ 170,000.00	\$ 176,000.00	\$ 125,000.00	\$ 31,750.00	Add Pool Deck and Timing Equipment
<b>6</b>	\$ 58,000.00	\$ 65,000.00	\$ 115,000.00	\$ 230,230.00	Add Additional Auditorium Stage Line Sets
<b>7</b>	\$ 64,000.00	\$ 18,000.00	\$ 20,000.00	\$ 34,000.00	Change Size of Acoustical Ceiling Panels
<b>8A OR 8B</b>	\$ 420,000.00	\$ 435,000.00	\$ 360,000.00	\$ 426,000.00	Add Terrazzo Flooring on Main Level select corridors
<b>8B</b>	\$ 930,000.00	\$ 950,000.00	\$ 920,000.00	\$ 946,000.00	Add Terrazzo Flooring - all Levels as indicated
<b>10</b>	\$ 130,000.00	\$ 116,000.00	\$ 110,000.00	\$ 114,000.00	Add Ceramic Tile at Toilet Rooms
<b>16</b>	\$ 70,000.00	\$ (32,000.00)	\$ (30,000.00)	\$ 27,000.00	Add Card Access to Classroom Doors
<b>9</b>	\$ 24,000.00	\$ 18,000.00	\$ 23,000.00	\$ 18,000.00	Add Graphic Murals
<b>11A</b>	\$ 4,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	Add Painted Wall Graphic (mascot) at Main Gym
<b>11B</b>	\$ 10,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	Add Painted Wall Graphic (mascot) at Natatorium
<b>SITE - 1</b>	\$ 120,000.00	\$ 145,000.00	\$ 115,000.00	\$ 136,000.00	Add Paved Field/ Event Parking
<b>Alternates Total</b>	\$ 3,244,000	\$ 3,268,000	\$ 3,116,000	\$ 3,088,355	
<b>Alternates Selected Total</b>					

**West Jefferson Hills School District  
 New Thomas Jefferson High School  
 Bid Tabulation - Plumbing Contractors**

**004102**

**WITHDRAWN**

<b>Base Bid</b>	\$ 3,259,000	\$ 3,707,300	\$ 3,844,000	\$ 3,864,000	\$ 3,596,000
<b>Total w/ 5 ranked Alternates</b>	\$ 3,259,000	\$ 3,707,300	\$ 3,844,000	\$ 3,864,000	\$ 3,596,000
<b>Alternates Selected</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 3,259,000	\$ 3,707,300	\$ 3,844,000	\$ 3,864,000	\$ 3,596,000

**ALTERNATES**

<b>2C</b>	\$ 1,000.00	-	-	\$ 500.00	\$ 1,000.00	Change Pool Filter Type
<b>18</b>	\$ 27,000.00	\$ 21,000.00	\$ 23,500.00	\$ 25,000.00	\$ 18,000.00	Add Compressed Air at Art Classrooms and Garage Area
<b>19</b>	\$ 65,000.00	\$ (10,000.00)	\$ 68,700.00	\$ 37,000.00	\$ 20,000.00	Change Copper Pressure Fittings to Soldered Joints
<b>20</b>	\$ 16,000.00	\$ 13,000.00	\$ 12,000.00	\$ 8,600.00	\$ 12,500.00	Change Dome Roof Drain Strainers from Plastic to Metal

<b>Alternates Selected Total</b>					
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**West Jefferson Hills School District**  
**New Thomas Jefferson High School**  
**Bid Tabulation - Fire Protection Contractors**      **004103**

<b>Base Bid</b>	\$ 915,900	\$ 967,000
<b>Total w/ 5 ranked Alternates</b>	\$ 971,300	\$ 1,015,500
<b>Alternates Selected</b>	above	above
<b>TOTAL</b>	\$ 971,300	\$ 1,015,500

**ALTERNATES**

<b>1</b>	\$ 55,400.00	\$ 48,500.00	Add Roof at Penhouse Screen Walls
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<b>Alternates Selected Total</b>	\$ 55,400.00	\$ 48,500.00
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**West Jefferson Hills School District  
 New Thomas Jefferson High School  
 Bid Tabulation - HVAC Contractors            004104**

<b>Base Bid</b>	\$ 9,460,000	\$ 8,690,000	\$ 9,128,300	\$ 8,600,000	\$ 9,166,000
<b>Total w/ 5 ranked Alternates</b>	\$ 9,460,000	\$ 8,690,000	\$ 9,128,300	\$ 8,600,000	\$ 9,166,000
<b>Alternates Selected</b>	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 9,460,000	\$ 8,690,000	\$ 9,128,300	\$ 8,600,000	\$ 9,166,000

**ALTERNATES**

<b>12</b>	\$ (130,000.00)	\$ (71,000.00)	\$ (120,500.00)	\$ (129,000.00)	\$ (124,500.00)	Change Terminal Reheat Boxes from Fan-Powered to Single Duct VAV
<b>13</b>	\$ (70,000.00)	\$ (39,650.00)	\$ (75,000.00)	\$ (68,000.00)	\$ (15,000.00)	Change Boilers from High Efficiency to Standard Efficiency
<b>21A</b>	\$ 40,000.00	\$ 21,000.00	\$ (25,000.00)	\$ (33,000.00)	\$ 20,000.00	Change Manufacturer of Building Automation System to Automated Logic
<b>21B</b>	\$ (16,000.00)	\$ (14,500.00)	\$ (40,000.00)	\$ (16,000.00)	\$ (33,000.00)	Change Manufacturer of Building Automation System to Seimens
<b>21C</b>	\$ (23,000.00)	\$ (7,500.00)	\$ (50,000.00)	\$ 2,000.00	\$ (15,000.00)	Change Manufacturer of Building Automation System to Andover Controls

**Alternates Selected Total**

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**West Jefferson Hills School District  
New Thomas Jefferson High School  
Bid Tabulation - Electrical Contractors 004105**

<b>Base Bid</b>	\$ 9,575,000	\$ 8,689,000	\$ 8,380,000	\$ 9,894,832
<b>Total w/ ranked Alternates</b>	\$ 9,679,600	\$ 9,011,400	\$ 8,705,237	\$ 10,255,302
<b>Alternates Selected</b>	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 9,679,600	\$ 9,011,400	\$ 8,705,237	\$ 10,255,302

**ALTERNATES**

<b>1</b>	\$ 28,500	\$ 41,000	\$ 43,351	\$ 52,000	Add Roof at Penhouse Screen Walls
<b>5</b>	\$ 1,600	\$ 2,000	\$ 1,375	\$ 2,115	Add Extended Dock Canopy at Dock Edge
<b>14</b>	\$ 57,000	\$ 57,500	\$ 47,355	\$ 37,500	Change IT Infrastructure Supports from J-Hooks to Cable Tray
<b>15A</b>	\$ 39,000	\$ 54,000	\$ 46,717	\$ 44,375	Change Lighting in Classrooms from Fluorescent to LED
<b>15B</b>	\$ 28,000	\$ 39,000	\$ 37,246	\$ 31,750	Change Lighting in Corridors from Fluorescent to LED
<b>16</b>	\$ 7,500	\$ 186,400	\$ 196,548	\$ 230,230	Add Card Access to Classroom Doors
<b>17</b>	\$ 176,900	\$ 252,000	\$ 191,686	\$ 5,200	Add Security Cameras
<b>22A</b>	\$ 102,900	\$ 122,000	\$ 108,086	\$ 126,250	Theatrical Lighting System: Add Follow Spotlights and Lighting Fixtures
<b>22B</b>	\$ 63,000	\$ 73,000	\$ 66,601	\$ 80,620	Theatrical Lighting System: Add Lighting Fixtures
<b>23</b>	\$ (300)	\$ (2,100)	\$ (2,140)	\$ 2,100	Theatrical AV, and Communications System: Wireless Microphones from Shure to Sennheiser
<b>24</b>	\$ 34,000	\$ 39,000	\$ 40,970	\$ 43,855	Theatrical Lighting System: Add TV Studio Lighting Fixtures
<b>25A</b>	\$ 37,000	\$ 42,000	\$ 52,501	\$ 47,000	Theatrical Lighting System: Add Theatrical Lighting Controls
<b>25B</b>	\$ 36,000	\$ 43,000	\$ 40,757	\$ 46,400	Theatrical Lighting System: LGI -Add Theatrical Lighting Fixtures
<b>Site - 1</b>	\$ 14,000	\$ 32,000	\$ 27,016	\$ 42,000	Add Paved Field/ Event Parking
<b>Site - 2</b>	\$ 76,000	\$ 155,000	\$ 137,027	\$ 172,000	Add Lighting and Wiring for Tennis Courts
<b>Alternates Total</b>	\$ 701,100	\$ 1,135,800	\$ 1,035,095	\$ 963,395	
<b>Alternates Selected Total</b>					

**West Jefferson Hills School District  
 New Thomas Jefferson High School  
 Bid Tabulation - Food Service Contractor**

**004106**

<b>Base Bid</b>	\$ 805,950.00	\$ 809,584.00	\$ 769,862.00	\$ 1,284,833.97
<b>Total w/ 5 ranked Alternates</b>	\$ 805,950.00	\$ 809,584.00	\$ 769,862.00	\$ 1,284,833.97
<b>Alternates Selected</b>	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ 805,950	\$ 809,584	\$ 769,862	\$ 1,284,834

**ALTERNATES**

<b>026</b>	\$ 68,500.00	\$ 73,735.00	\$ 64,634.00	\$ 61,599.80	Add Selected Food Service Equipment
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<b>Alternates Selected Total</b>				
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