

# Upper Darby School District

Proposed Project Estimate

### Renovation of Aronimink Elementary School (Renovation)

Areas of Work				Comments
Building Renovations	Size	\$/sq. foot		
Building Renovations (exg school)	46,724	\$50	\$2,336,200	medium
Building Renovations (exg DAO)	22,132	\$75	\$1,659,900	high
Roof Replacement	33,982	\$22	\$747,604	replace portion roof
Bituminous Paving	0	\$5	\$0	
Security Cameras	68,856	\$1	\$68,856	new throughout
Code Compliance Allowance			\$100,000	
		Sub Total	\$4,912,560	
Building Systems Budget		\$/sq. foot		Renovation Level
Mechanical	68,856	\$37	\$2,547,672	high
Electrical	68,856	\$23	\$1,583,688	medium
Plumbing	68,856	\$10	\$688,560	medium
Fire Protection	68,856	\$8	\$550,848	included
		Sub Total	\$5,370,768	
Proposed New Construction		\$/sq. foot		
Not Incuded	0	\$265	\$0	
Site work required for new additions			<u>\$0</u>	
,		Sub Total	\$0	
Design/Bidding Contingency - 5%			<u>\$514,166</u>	
TOTAL CONSTRUCTION COST			\$10,797,494	
Construction Contingency - 10% Soft Costs - 15% (Fees, Permits, etc.) Budget: FF&E			\$1,079,749 \$1,619,624 <u>\$450,000</u>	450
	\$13,946,868			

#### Summary of Option

Renovation of existing school. DAO offices are removed. Three small classrooms at the front of the school are converted to a Library and Computer Classroom. The existing library and school administration area are converted to classrooms. The 2nd floor District Administration Offices are converted into classrooms. In total, five additional classrooms are added to the school along with a new library and computer room and new school administration area. **Capacity = 450** 



# Upper Darby School District

Proposed Project Estimate

## Renovation of Aronimink Elementary School (Renovation and Classroom Addition)

Areas of Work				Comments
Building Renovations	Size	\$/sq. foot		
Building Renovations (exg school)	46,724	\$50	\$2,336,200	medium
Building Renovations (exg DAO)	22,132	\$75	\$1,659,900	high
Roof Replacement	33,982	\$22	\$747,604	replace portion roof
Bituminous Paving	0	\$5	\$0	
Security Cameras	68,856	\$1	\$68,856	new throughout
Code Compliance Allowance			\$100,000	
		Sub Total	\$4,912,560	
Building Systems Budget		\$/sq. foot		Renovation Level
Mechanical	68,856	\$37	\$2,547,672	high
Electrical	68,856	\$23	\$1,583,688	medium
Plumbing	68,856	\$10	\$688,560	medium
Fire Protection	68,856	\$8	\$550,848	included
		Sub Total	\$5,370,768	
Proposed New Construction		\$/sq. foot		
Classroom Addition	18,000	\$265	\$4,770,000	
• Site work required for new additions			\$572,400	
		Sub Total	\$5,342,400	
Design/Bidding Contingency - 5%			<u>\$781,286</u>	
TOTAL CONSTRUCTION COST			\$16,407,014	
Construction Contingency - 10% Soft Costs - 15% (Fees, Permits, etc.) Budget: FF&E			\$1,640,701 \$2,461,052 <u>\$675,000</u>	675
	\$21,183,768			

#### Summary of Option

Renovation of existing school. DAO offices are removed. A three story classroom addition is added to the end of the school. 10 traditional classrooms and 1 large music room are included in the addition. In total, 16 classrooms are added to the school in comparison to the existing school. 4 classrooms are provided per grade with 3 additional flex classrooms available. 4 classrooms dedicated to special education are also provided. **Capacity = 675** 



## Upper Darby School District

Proposed Project Estimate

### Renovation of Aronimink Elementary School (Renovation and Classroom Addition with Gym)

Building Renovations   Size   \$/sq. foot	Areas of Work				Comments
Building Renovations (exg DAO)         22,132         \$75         \$1,659,900         high           Roof Replacement         33,982         \$22         \$747,604         replace portion roof           Bituminous Paving         0         \$5         \$0           Security Cameras         68,856         \$1         \$68,856         new throughout           Code Compliance Allowance         \$100,000 <td>Building Renovations</td> <td>Size</td> <td>\$/sq. foot</td> <td></td> <td></td>	Building Renovations	Size	\$/sq. foot		
Roof Replacement         33,982         \$22         \$747,604         replace portion roof           Bituminous Paving         0         \$5         \$0           Security Cameras         68,856         \$1         \$68,856         new throughout           Code Compliance Allowance         \$100,000	Building Renovations (exg school)	46,724	\$50	\$2,336,200	medium
Bituminous Paving         0         \$5         \$0           Security Cameras         68,856         \$1         \$68,856         new throughout           Code Compliance Allowance         \$100,000         <	Building Renovations (exg DAO)	22,132	\$75	\$1,659,900	high
Security Cameras         68,856         \$1         \$68,856         new throughout           Code Compliance Allowance         \$100,000         \$100,000           Sub Total         \$4,912,560           Building Systems Budget         \$/sq. foot         Renovation Level           Mechanical         68,856         \$37         \$2,547,672         high           Electrical         68,856         \$23         \$1,583,688         medium           Plumbing         68,856         \$10         \$688,560         medium           Fire Protection         68,856         \$8         \$550,848         included           Proposed New Construction         \$/sq. foot         \$1,770,000         \$1,800         \$265         \$4,770,000         \$1,800         \$265         \$2,120,000         \$1,800	Roof Replacement	33,982	\$22	\$747,604	replace portion roof
Sub Total   \$4,912,560	Bituminous Paving	0	\$5	\$0	
Sub Total   \$4,912,560	Security Cameras	68,856	\$1	\$68,856	new throughout
Sub Total   Systems Budget   Sysq. foot   Renovation Level	Code Compliance Allowance			<u>\$100,000</u>	
Mechanical         68,856         \$37         \$2,547,672         high medium           Electrical         68,856         \$23         \$1,583,688         medium           Plumbing         68,856         \$10         \$688,560         medium           Fire Protection         68,856         \$8         \$550,848         included           Proposed New Construction         \$/sq. foot           Classroom Addition         18,000         \$265         \$4,770,000           New Gymnasium         8,000         \$265         \$2,120,000           • Site work required for new additions         \$826,800           Sub Total         \$7,716,800           Design/Bidding Contingency - 5%           TOTAL CONSTRUCTION COST         \$18,900,134           Construction Contingency - 10%           Soft Costs - 15% (Fees, Permits, etc.)         \$2,835,020			Sub Total	\$4,912,560	
Electrical       68,856       \$23       \$1,583,688       medium         Plumbing       68,856       \$10       \$688,560       medium         Fire Protection       68,856       \$8       \$550,848       included         Proposed New Construction       \$/sq. foot         Classroom Addition       18,000       \$265       \$4,770,000         New Gymnasium       8,000       \$265       \$2,120,000         • Site work required for new additions       \$826,800         Sub Total       \$7,716,800         Design/Bidding Contingency - 5%         \$900,006         TOTAL CONSTRUCTION COST       \$18,900,134         Construction Contingency - 10%       \$1,890,013         Soft Costs - 15% (Fees, Permits, etc.)       \$2,835,020	Building Systems Budget		\$/sq. foot		Renovation Level
Plumbing         68,856         \$10         \$688,560         medium included           Fire Protection         68,856         \$8         \$550,848         included           Proposed New Construction         \$/sq. foot         Classroom Addition         18,000         \$265         \$4,770,000           New Gymnasium         8,000         \$265         \$2,120,000           • Site work required for new additions         \$826,800           Sub Total         \$7,716,800           Design/Bidding Contingency - 5%         \$900,006           TOTAL CONSTRUCTION COST         \$18,900,134           Construction Contingency - 10%         \$1,890,013           Soft Costs - 15% (Fees, Permits, etc.)         \$2,835,020	Mechanical	68,856	\$37	\$2,547,672	high
Fire Protection 68,856 \$8 \$\frac{\$550,848}{\$5,370,768}\$ included  Proposed New Construction \$\frac{\$\sqrt{sq. foot}}{\$5,370,768}\$  Proposed New Construction \$\frac{\$\sqrt{sq. foot}}{\$265}\$ \$\frac{\$4,770,000}{\$265}\$ \$\frac{\$4,770,000}{\$2,120,000}\$  New Gymnasium \$8,000 \$\frac{\$265}{\$2,120,000}\$ \$\frac{\$826,800}{\$50b}\$ Total \$\frac{\$7,716,800}{\$7,716,800}\$  Design/Bidding Contingency - 5%  \$\frac{\$\sqrt{\$900,006}}{\$1,890,013}\$  Construction Contingency - 10% Soft Costs - 15% (Fees, Permits, etc.)  \$\frac{\$1,890,013}{\$2,835,020}\$	Electrical	68,856	\$23	\$1,583,688	medium
Sub Total   \$5,370,768	Plumbing	68,856	\$10	\$688,560	medium
Proposed New Construction         \$/sq. foot           Classroom Addition         18,000         \$265         \$4,770,000           New Gymnasium         8,000         \$265         \$2,120,000           • Site work required for new additions         \$826,800           Sub Total         \$7,716,800           Design/Bidding Contingency - 5%         \$900,006           TOTAL CONSTRUCTION COST         \$18,900,134           Construction Contingency - 10%         \$1,890,013           Soft Costs - 15% (Fees, Permits, etc.)         \$2,835,020	Fire Protection	68,856	\$8	<u>\$550,848</u>	included
Classroom Addition       18,000       \$265       \$4,770,000         New Gymnasium       8,000       \$265       \$2,120,000         • Site work required for new additions       \$826,800         Sub Total       \$7,716,800         Design/Bidding Contingency - 5%       \$900,006         TOTAL CONSTRUCTION COST       \$18,900,134         Construction Contingency - 10%       \$1,890,013         Soft Costs - 15% (Fees, Permits, etc.)       \$2,835,020			Sub Total	\$5,370,768	
New Gymnasium       8,000       \$265       \$2,120,000         • Site work required for new additions       \$826,800         Sub Total       \$7,716,800         Design/Bidding Contingency - 5%       \$900,006         TOTAL CONSTRUCTION COST       \$18,900,134         Construction Contingency - 10%       \$1,890,013         Soft Costs - 15% (Fees, Permits, etc.)       \$2,835,020	Proposed New Construction		\$/sq. foot		
• Site work required for new additions  Sub Total  \$826,800 \$7,716,800  Design/Bidding Contingency - 5%  \$900,006  TOTAL CONSTRUCTION COST \$18,900,134  Construction Contingency - 10% \$1,890,013 Soft Costs - 15% (Fees, Permits, etc.) \$2,835,020	Classroom Addition	18,000	\$265	\$4,770,000	
Sub Total       \$7,716,800         Design/Bidding Contingency - 5%       \$900,006         TOTAL CONSTRUCTION COST       \$18,900,134         Construction Contingency - 10%       \$1,890,013         Soft Costs - 15% (Fees, Permits, etc.)       \$2,835,020	New Gymnasium	8,000	\$265	\$2,120,000	
Design/Bidding Contingency - 5%         \$900,006           TOTAL CONSTRUCTION COST         \$18,900,134           Construction Contingency - 10%         \$1,890,013           Soft Costs - 15% (Fees, Permits, etc.)         \$2,835,020	<ul> <li>Site work required for new additions</li> </ul>			\$826,800	
TOTAL CONSTRUCTION COST \$18,900,134  Construction Contingency - 10% \$1,890,013 Soft Costs - 15% (Fees, Permits, etc.) \$2,835,020			Sub Total	\$7,716,800	
Construction Contingency - 10% \$1,890,013 Soft Costs - 15% (Fees, Permits, etc.) \$2,835,020	Design/Bidding Contingency - 5%			<u>\$900,006</u>	
Soft Costs - 15% (Fees, Permits, etc.) \$2,835,020	TOTA				
	Soft Costs - 15% (Fees, Permits, etc.)			\$2,835,020	700

### TOTAL PROJECT COST \$24,325,168

#### Summary of Option

Renovation of existing school. DAO offices are removed. A three story classroom addition is added to the end of the school. A 8000squarefoot gymnasium and stage are also included. In total, 17 classrooms are added to the school in comparison to the existing school. 4 classrooms are provided per grade with 4 additional flex classrooms available. 4 classsrooms dedicated to special education are also provided. **Capacity = 700**