

Facility Assessment Report

This report contains a summary of the results from the facility assessment completed on the date noted in the document footer below. This report will roll-up each assessed item with identical rank and total the quantity into a single line, regardless of item location (for location data, see the detailed report) . Assessors rate each facility item by visual observation only; they do not test the operation of equipment or perform destructive testing of walls, ceilings or floors. Each facility item is ranked on a 7-point scale: rank 7 means the item is in new or in good condition and no work is required while rank 1 means the item has failed and has lead to an immediate life safety condition¹. The remaining ranks choices generally mean that the item requires regular maintenance (rank 5 or 6) or full replacement (rank 2, 3 or 4). For additional detail and definition on rank values as they relate to each assessed item, please visit the "CPS Guide to Biennial Facility Assessments" found on the Facilities Standards webpage under CPS Policies and Guidelines at http://www.cps.edu/About_CPS/Policies_and_guidelines/Pages/facilitystandards.aspx. Definitions for Quantity, Unit, Cost and Campus Total can be found at the end of this report.

Campus Summary				
Building Name	Year Constructed	Number of Floors	Building Area (Sq Ft)	Assessed Need
Main	1923	3	66,148	\$3,348,285
Addition	1944	3	46,148	\$1,657,712
Chicago School of Arts	1962	2	74,152	\$4,519,553
SITE				\$946,253
Campus Total			186,448	\$10,471,802

Building: Main

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Entrance Control - Audio and Video	2	EA	6	\$1,403
	Exterior Doors - Exterior FRP Door	11	EA	6	\$6,945
	Exterior Doors - Exterior Steel Door	4	EA	6	\$1,922
	Exterior Doors - Side lite	2	EA	5	\$952
	Exterior Doors - Side lite	2	EA	6	\$627
	Exterior Doors - Transom Lite	13	EA	6	\$4,073
	Exterior Stairs - Concrete	42	LF	7	\$0
	Power Door Operator and Controls	4	EA	6	\$0
	Ramp Handrail - Steel_Ramp Handrail	10	LF	6	\$87
	Ramp Handrail - Steel_Ramp Handrail	85	LF	7	\$0
	Ramps - Concrete	8	LF	6	\$1,202
	Ramps - Concrete	45	LF	7	\$0
	Stair Handrail - Steel_Stair Handrail	16	LF	7	\$0
Foundation					
	Foundation - Concrete	740	LF	7	\$0
	Superstructure - Steel with Clay Tile Arch	66,148	SF	7	\$0



James R Doolittle Jr Elementary School

535 E 35th St Chicago, IL 60616

Co-locating on this campus are DOOLITTLE and URBAN PREP - BRONZEVILLE HS

Building: Main

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Lighting					
	Exterior Lighting - Wall Mounted	12	EA	6	\$3,465
Roof System					
	Chimney - Brick Chimney- Concrete/ Mortar Liner	15	LF	5	\$42,773
	Chimney - Brick Chimney- Concrete/ Mortar Liner	55	LF	6	\$52,508
	Coping - Stone	821	LF	5	\$89,907
	Coping - Stone	236	LF	6	\$7,580
	Downspouts - Exterior Downspouts	60	LF	6	\$1,994
	Downspouts - Interior Downspouts	400	LF	6	\$13,293
	Parapet - 16" - 30" Height	551	LF	6	\$22,015
	Parapet - Parapet < 16" Height	290	LF	6	\$6,179
	Parapet - Parapet > 30"	216	LF	6	\$13,807
	Roof - Modified Bitumen	18,274	SF	5	\$384,399
	Roof - Modified Bitumen	3,258	SF	6	\$30,656
	Roof Structure - Steel with Clay Tile Arch	21,532	SF	7	\$0
Walls					
	Canopy - Metal	185	SF	6	\$3,974
	Cornice - Masonry Projecting Limestone	1,115	LF	6	\$38,665
	Exterior Walls - Brick	5	SF	5	\$119
	Exterior Walls - Brick	23,480	SF	6	\$157,809
	Exterior Walls - Stone-Cut	2,820	SF	6	\$18,953
Windows					
	Guard - Guards perforated	3,039	SF	6	\$38,808
	Lintels - Steel	605	LF	7	\$0
	Lintels - Stone	13	LF	6	\$0
	Windows - Decorative	825	SF	6	\$6,158
	Windows - Sash Aluminum Double-pane	5,089	SF	6	\$37,987

Building Exterior Subtotal: \$988,261

Building: Main

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	5	EA	6	\$2,040
	Emergency A/C Power - Auditorium and Aisle Lighting	4,577	SF	6	\$2,422

Building: Main

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Emergency A/C Power - Corridors and Stairs	16,942	SF	6	\$5,088
	Emergency A/C Power - Gym	5,667	SF	6	\$2,107
	Emergency A/C Power - Students Toilets	3,216	SF	6	\$1,196
	Exit Signs - Auditorium	12	EA	7	\$0
	Exit Signs - Corridors and Stairs	20	EA	7	\$0
	Exit Signs - Gym	2	EA	7	\$0
	Security System - CCTV	112,296	SF	6	\$33,722
	Security System - Intrusion Detection	112,296	SF	6	\$28,905
Main Service					
	Independent Electrical Service for emergency power	1	EA	7	\$0
	Main Electrical Service - 1600 A 120/208/3PH	1	EA	7	\$0
	PA System	112,296	SF	6	\$36,934
Power Distribution					
	Lighting and Power Panels - 100 A	7	EA	7	\$0
	Lighting and Power Panels - Above 100 A	11	EA	7	\$0
	Main Distribution Panels - 400 - 600 amp	1	EA	7	\$0
Electrical System Subtotal:					\$112,414

Building: Main

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Panel	1	EA	7	\$0
	Fire Alarm Strobe Lights	112,296	SF	7	\$0
	Fire Alarm_System	112,296	SF	7	\$0
Safty System Subtotal:					\$0

Building: Main

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Built Up- Single Zone- Steam Coils - 15001 - 25000 cfm	1	EA	5	\$44,262
	Air Handling Unit- Built Up-Multi Zone- Steam Coils - 25001 - 35000 cfm	1	EA	5	\$78,608

**Building: Main****Category: Mechanical System**

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Intake	2	EA	6	\$11,529
	Auxiliaries - 15001 - 25000 cfm	1	EA	5	\$14,899
	Auxiliaries - 25001 - 35000 cfm	1	EA	5	\$16,577
	Return Duct Work - Indoor- Vertical Shaft and Ducts	200	LF	7	\$0
	Roof Top Unit-Single Zone-Roof Mounted- Gas Heating and DX Cooling Coil - 5 - 10 tons	1	EA	6	\$2,051
	Zone Dampers	20	EA	6	\$16,661
Boiler Systems					
	Condensate Pump	3	EA	6	\$6,063
	Piping - Condensate Pipe- Steel	750	LF	6	\$1,416
	Piping - Steam Pipe- Steel	750	LF	6	\$1,416
	Steam Traps	40	EA	5	\$52,596
Heating Devices					
	Fin Tube - Steam	10	LF	6	\$94
	Radiators - Steam	16	EA	5	\$26,805
	Unit Heater - Electric	1	EA	6	\$278
	Unit Heater - Steam	2	EA	6	\$556
	Wall Heater - Electric	3	EA	4	\$3,248
	Wall Heater - Electric	5	EA	6	\$695
Temperature Control					
	Electric Thermostat	1	EA	6	\$0
	Pneumatic System	112,296	SF	4	\$584,523
	Thermostats - Pneumatic	10	EA	4	\$7,372
	Thermostats - Pneumatic	11	EA	6	\$0
Ventilation					
	Exhaust Fans- Indoor - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Indoor - Greater than 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	3	EA	6	\$1,777
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	2	EA	6	\$1,185
Mechanical System Subtotal:					\$873,796

Building: Main**Category: Plumbing System**

Group	Item - Type	Quantity	Unit	Rank	Cost
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Building: Main

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	6	\$310
	Gas Heater - Less than 150000 BTU/HR	1	EA	6	\$310
	Hot Water Storage Tank_Gas - Less than 200 Gallons	1	EA	6	\$678
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	112,296	SF	6	\$22,482
	Domestic Piping-Cold Water Horizontal Lines	112,296	SF	6	\$27,299
	Domestic Piping-Cold Water Risers	112,296	SF	6	\$20,876
	Domestic Piping-Hot Water from Risers to Fixtures	112,296	SF	6	\$17,664
	Domestic Piping-Hot Water Horizontal Lines	112,296	SF	6	\$20,876
	Domestic Piping-Hot Water Return Lines	112,296	SF	6	\$16,058
	Domestic Piping-Hot Water Return Risers	112,296	SF	6	\$16,058
	Sanitary Piping	112,296	SF	6	\$102,773
	Storm Piping	112,296	SF	6	\$97,956
	Vent Piping	112,296	SF	6	\$75,474
Pumps					
	Pumps - Domestic Booster Pump-Simplex	1	EA	6	\$1,446
	Pumps - Sump-Duplex	1	EA	7	\$0
	Pumps - Sump-Simplex	1	EA	7	\$0
Plumbing System Subtotal:					\$420,260

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Art Room (1 room)					
	AC Units	1	EA	6	\$496
	Casework	9	LF	6	\$227
	Ceiling - Plaster/Drywall	818	SF	6	\$2,831
	Doors - Transom Window	9	SF	6	\$152
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	818	SF	6	\$1,790
	Lighting - Pendent/Surface	16	EA	7	\$0
	Marker Board	12	LF	6	\$257
	Storage/ Closet	45	SF	6	\$326
	Walls - Plaster/Drywall	1,440	SF	6	\$3,974
	Work Sink	1	EA	6	\$379

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Art Room (1 room)					
Multi Purpose Room (2 rooms)					
	AC Units	3	EA	6	\$1,487
	Casework	19	LF	6	\$480
	Ceiling - Plaster/Drywall	2,110	SF	6	\$7,302
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	12	EA	6	\$3,612
	Floor - Tile	2,110	SF	6	\$4,616
	Lighting - Pendent/Surface	38	EA	7	\$0
	Marker Board	16	LF	6	\$343
	Marker Board	20	LF	7	\$0
	Storage/ Closet	45	SF	6	\$326
	Walls - Plaster/Drywall	3,308	SF	6	\$9,130
Regular Classroom (7 rooms)					
	AC Units	7	EA	6	\$3,469
	Casework	59	LF	6	\$1,490
	Ceiling - Plaster/Drywall	5,710	SF	6	\$19,760
	Doors - Transom Window	63	SF	6	\$1,067
	Doors - Wood Doors inclu hw	7	EA	6	\$2,107
	Floor - Tile	4,883	SF	6	\$10,684
	Floor - Wood	827	SF	6	\$5,830
	Lighting - Pendent/Surface	110	EA	7	\$0
	Marker Board	132	LF	6	\$2,828
	Marker Board	20	LF	7	\$0
	Storage/ Closet	245	SF	6	\$1,776
	Walls - Plaster/Drywall	9,675	SF	6	\$26,702
Science (3 rooms)					
	AC Units	3	EA	6	\$1,487
	Casework	95	LF	6	\$2,399
	Ceiling - Plaster/Drywall	2,580	SF	6	\$8,928
	Doors - Transom Window	34	SF	6	\$576
	Doors - Wood Doors inclu hw	3	EA	6	\$903
	Eye Wash Station	1	EA	6	\$336
	Floor - Tile	1,762	SF	6	\$3,855
	Floor - Wood	818	SF	6	\$5,767
	Gas Line	1	EA	6	\$509
	Lighting - Pendent/Surface	32	EA	6	\$3,965

Building: Main

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Science (3 rooms)					
	Lighting - Pendent/Surface	16	EA	7	\$0
	Marker Board	58	LF	6	\$1,242
	Science Lab Elements	818	SF	6	\$5,545
	Storage/ Closet	95	SF	6	\$689
	Walls - Plaster/Drywall	4,268	SF	6	\$11,779
	Work Sink	6	EA	6	\$2,274

Classrooms Subtotal:

\$164,300

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	AC Unit	5	EA	6	\$2,478
	Ceiling - Exposed	213	SF	6	\$317
	Ceiling - Lay-in	1,568	SF	6	\$4,709
	Ceiling - Plaster/Drywall	368	SF	6	\$1,274
	Doors - Side-lite	28	SF	6	\$468
	Doors - Transom Window	36	SF	6	\$610
	Doors - Wood Doors inclu hw	6	EA	6	\$1,806
	Doors - Wood Doors inclu hw	1	EA	7	\$0
	Floor - Carpet	1,154	SF	6	\$2,459
	Floor - Concrete	213	SF	6	\$113
	Floor - Tile	782	SF	6	\$1,711
	Lighting - Lay-in	2	EA	6	\$238
	Lighting - Lay-in	28	EA	7	\$0
	Lighting - Pendent/Surface	4	EA	7	\$0
	Power Distribution	6	EA	6	\$12,749
	Power Distribution	6	EA	7	\$0
	Storage/ Closet	120	SF	6	\$870
	Walls - Plaster/Drywall	4,243	SF	6	\$11,710

Auditorium & Theater

Balcony Seating	276	EA	6	\$48,001
Ceiling - Plaster/Drywall	4,557	SF	6	\$37,991
Doors - Wood Doors inclu hw	10	EA	6	\$3,010
Floor - Carpet	1,233	SF	6	\$2,627

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Auditorium & Theater					
	Lighting - Chandelier, Incandescent	10	EA	7	\$0
	Main Floor Seating	409	EA	6	\$71,132
	Sound System	1	EA	6	\$10,721
	Stage	1,034	SF	6	\$5,974
	Stage Curtain	3	EA	6	\$0
	Stage Lift	1	EA	6	\$6,510
	Stage Lighting System	1	EA	6	\$8,077
	Stage-Stairs - Wood	8	LF	7	\$0
	Stairs - Tile	10	LF	6	\$93
	Walls - Plaster/Drywall	7,432	SF	6	\$35,390
Gymnasia					
	Ceiling - Plaster/Drywall	5,667	SF	6	\$31,281
	Doors - Transom Window	32	SF	6	\$542
	Doors - Wood Doors inclu hw	6	EA	6	\$1,806
	Floor - Tile	1,200	SF	6	\$2,625
	Floor - Wood	4,467	SF	6	\$31,492
	Lighting - Pendent/Surface	8	EA	6	\$991
	Lighting - Pendent/Surface	24	EA	7	\$0
	Scoreboards	1	EA	6	\$2,244
	Walls - Plaster/Drywall	3,168	SF	6	\$8,743
	Walls - Structural Glazed Tile	2,283	SF	6	\$7,182
Library					
	AC Unit	1	EA	6	\$496
	Casework	80	LF	6	\$2,020
	Ceiling - Lay-in	1,654	SF	6	\$4,967
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Carpet	1,654	SF	6	\$3,524
	Lighting - Lay-in	37	EA	7	\$0
	Walls - Plaster/Drywall	1,836	SF	6	\$5,067
MDF_IDF					
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Finishes	70	SF	6	\$499
	Ventilation and Cooling	1	EA	6	\$1,855

Building: Main

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Mechanical/ Service Rooms					
	Air Intake Plenums	45	SF	6	\$279
	Auditorium Plenums	3,523	SF	6	\$21,814
	Boiler Room	1,616	SF	6	\$11,578
	Coal Room	1,084	SF	6	\$7,766
	Interior Stairs	18	LF	6	\$162
	Janitor's Closet	75	SF	6	\$537
	Mechanical/ Service Rooms	2,196	SF	6	\$15,733
	Storage Room	2,312	SF	6	\$16,564
	Vaults	271	SF	6	\$1,942
Restroom					
	Accessories	2,588	SF	6	\$23,870
	Ceiling - Lay-in	40	SF	6	\$120
	Ceiling - Plaster/Drywall	2,549	SF	6	\$8,821
	Ceiling - Splined	1	SF	5	\$10
	Ceiling - Splined	393	SF	6	\$320
	Doors - Side-lite	84	SF	6	\$1,404
	Doors - Transom Window	98	SF	6	\$1,659
	Doors - Wood Doors inclu hw	12	EA	6	\$3,612
	Floor - Concrete	394	SF	6	\$208
	Floor - Tile	123	SF	6	\$269
	Floor - Tile Ceramic/ Porcelain	2,466	SF	6	\$5,219
	Floor Drain	8	EA	6	\$8,473
	Floor Drain	4	EA	7	\$0
	Hand Dryer	15	EA	6	\$3,451
	Lavatory	24	EA	6	\$7,671
	Lighting - Pendent/Surface	37	EA	7	\$0
	Partitions	32	EA	6	\$9,502
	Urinals	15	EA	6	\$5,040
	Walls - Plaster/Drywall	3,958	SF	6	\$10,924
	Walls - Structural Glazed Tile	2,893	SF	6	\$9,101
	Walls - Tile Ceramic/ Porcelain	388	SF	6	\$877
	Water Closet	34	EA	6	\$11,423
Rooms (Other Than Classrooms) Subtotal:					\$565,928

Building: Main

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Exposed	3,083	SF	6	\$4,585
	Ceiling - Plaster/Drywall	8,198	SF	6	\$50,761
	Doors - Side-lite	24	EA	7	\$0
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Doors - Steel Doors incl hw	6	EA	7	\$0
	Doors - Transom Window	291	EA	6	\$4,927
	Doors - Wood Doors include hw	31	EA	6	\$9,331
	Drinking Fountains - Single Fountain	4	EA	6	\$1,103
	Drinking Fountains - Single Water Cooler	3	EA	6	\$950
	Floor - Concrete Epoxy/ Painted	2,951	SF	6	\$1,435
	Floor - Terrazzo	6,613	SF	7	\$0
	Floor - Tile/Sheet	3,588	SF	6	\$1,950
	Lighting - Pendent/Surface	144	EA	7	\$0
	Stairs - Concrete Stairs	8	LF	6	\$66
	Student Lockers - One Tier	240	EA	6	\$22,281
	Walls - Masonry	1,629	SF	6	\$5,125
	Walls - Plaster/Drywall	16,375	SF	6	\$72,590
	Walls - Structural Glazed Tile	287	SF	6	\$903
Safety					
	Camera Viewing Station	2	EA	6	\$1,365
	Security Cameras	8	EA	6	\$1,552
Stairs					
	Ceiling - Plaster/Drywall	1,023	SF	6	\$7,490
	Floor - Terrazzo	1,192	SF	7	\$0
	Handrails	666	LF	6	\$5,771
	Lighting - Pendent/Surface	29	EA	7	\$0
	Stairs - Terrazzo	313	LF	7	\$0
	Walls - Plaster/Drywall	10,847	SF	6	\$29,937
Vertical Conveyance					
	Elevator - Elevator- Roped Holeless Hydraulic	1	EA	7	\$0
Building Interior Subtotal:					\$223,326
Total Building Cost					\$3,348,285

Building: Addition

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance					
	Exterior Doors - Exterior Steel Door	6	EA	5	\$8,048
	Exterior Doors - Side lite	4	EA	5	\$1,904
	Exterior Doors - Side lite	2	EA	6	\$627
	Exterior Doors - Transom Lite	10	EA	6	\$3,133
	Exterior Stairs - Stone	9	LF	5	\$2,441
	Exterior Stairs - Stone	18	LF	6	\$2,034
Foundation					
	Foundation - Concrete	458	LF	7	\$0
	Superstructure - Concrete	46,148	SF	7	\$0
Lighting					
	Exterior Lighting - Wall Mounted	10	EA	6	\$2,887
Roof System					
	Coping - Stone	386	LF	6	\$12,397
	Downspouts - Interior Downspouts	240	LF	6	\$7,976
	Parapet - 16" - 30" Height	386	LF	6	\$15,422
	Roof - Modified Bitumen	11,252	SF	6	\$105,875
	Roof Structure - Steel with Clay Tile Arch	11,252	SF	7	\$0
Walls					
	Cornice - Masonry Projecting Limestone	235	LF	6	\$8,149
	Exterior Walls - Brick	18,759	SF	5	\$333,439
	Exterior Walls - Stone-Cut	30	SF	5	\$529
	Exterior Walls - Stone-Cut	1,550	SF	6	\$10,418
Windows					
	Guard - Guards perforated	3,700	SF	6	\$47,249
	Lintels - Steel	804	LF	7	\$0
	Lintels - Stone	26	LF	6	\$0
	Windows - Sash Aluminum Double-pane	7,089	SF	6	\$52,917

Building Exterior Subtotal: \$615,444

Building: Addition

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Emergency A/C Power - Corridors and Stairs	6,425	SF	6	\$1,929

Building: Addition

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Emergency A/C Power - Lunchrooms	1,692	SF	6	\$629
	Emergency A/C Power - Students Toilets	1,218	SF	6	\$453
	Exit Signs - Corridors and Stairs	15	EA	7	\$0
	Exit Signs - Lunchroom	2	EA	7	\$0
	Security System - CCTV	46,148	SF	6	\$13,858
	Security System - Intrusion Detection	46,148	SF	6	\$11,878
Main Service					
	PA System	46,148	SF	6	\$15,178
Power Distribution					
	Lighting and Power Panels - 100 A	1	EA	4	\$4,849
	Lighting and Power Panels - 100 A	1	EA	7	\$0
	Lighting and Power Panels - Above 100 A	5	EA	7	\$0
	Main Distribution Panels - Less than 400 amp	1	EA	7	\$0
Electrical System Subtotal:					\$48,776

Building: Addition

Category: Safty System

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Strobe Lights	46,148	SF	7	\$0
	Fire Alarm_System	46,148	SF	7	\$0
Safty System Subtotal:					\$0

Building: Addition

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Air Handling Unit- Built Up- Single Zone w/ Air Tunnel- Steam Coils - 15001 - 25000 cfm	1	EA	5	\$44,262
	Air Intake	1	EA	6	\$5,765
	Auxiliaries - 15001 - 25000 cfm	1	EA	6	\$5,788
	Reheat Boxes - Reheat Boxes with Steam Coil	8	EA	6	\$8,409
	Return Duct Work - Indoor- Vertical Shaft and Ducts	150	LF	7	\$0
	Zone Dampers	29	EA	6	\$24,158

Building: Addition

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Boiler Systems					
	Condensate Pump	1	EA	6	\$2,021
	Piping - Condensate Pipe- Steel	400	LF	6	\$755
	Piping - Steam Pipe- Steel	400	LF	6	\$755
	Steam Traps	25	EA	5	\$32,872
Heating Devices					
	Radiators - Steam	15	EA	5	\$25,130
	Wall Heater - Electric	4	EA	6	\$556
Temperature Control					
	Pneumatic System	46,148	SF	5	\$159,040
	Thermostats - Pneumatic	29	EA	6	\$0
Ventilation					
	Exhaust Fans- Indoor - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	1	EA	6	\$592
	Type I Exhaust Hood- Kitchen	1	EA	6	\$1,248

Mechanical System Subtotal:

\$311,943

Building: Addition

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	46,148	SF	6	\$9,239
	Domestic Piping-Cold Water Horizontal Lines	46,148	SF	6	\$11,219
	Domestic Piping-Cold Water Risers	46,148	SF	6	\$8,579
	Domestic Piping-Hot Water from Risers to Fixtures	46,148	SF	6	\$7,259
	Domestic Piping-Hot Water Horizontal Lines	46,148	SF	6	\$8,579
	Domestic Piping-Hot Water Return Lines	46,148	SF	6	\$6,599
	Domestic Piping-Hot Water Return Risers	46,148	SF	6	\$6,599
	Sanitary Piping	46,148	SF	6	\$42,235
	Storm Piping	46,148	SF	6	\$40,255
	Vent Piping	46,148	SF	6	\$31,016
Pumps					
	Pumps - Sump-Simplex	1	EA	6	\$745

Building: Addition

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Plumbing System Subtotal:					\$172,323

Building: Addition

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Computer Lab (2 rooms)					
	AC Units	2	EA	6	\$991
	Casework	16	LF	6	\$404
	Ceiling - Plaster/Drywall	1,490	SF	6	\$5,156
	Doors - Transom Window	18	SF	6	\$305
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Tile	1,490	SF	6	\$3,260
	Lighting - Pendent/Surface	28	EA	7	\$0
	Marker Board	40	LF	7	\$0
	Storage/ Closet	100	SF	6	\$725
	Walls - Plaster/Drywall	3,058	SF	6	\$8,440
Music Room (1 room)					
	AC Units	1	EA	6	\$496
	Ceiling - Plaster/Drywall	726	SF	6	\$2,512
	Doors - Transom Window	9	SF	6	\$152
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	726	SF	6	\$1,588
	Lighting - Pendent/Surface	14	EA	7	\$0
	Marker Board	22	LF	7	\$0
	Walls - Plaster/Drywall	1,273	SF	6	\$3,513
Regular Classroom (18 rooms)					
	AC Units	18	EA	6	\$8,920
	Casework	112	LF	6	\$2,828
	Ceiling - Plaster/Drywall	13,182	SF	6	\$45,618
	Doors - Transom Window	162	SF	6	\$2,743
	Doors - Wood Doors inclu hw	18	EA	6	\$5,418
	Floor - Tile	11,730	SF	6	\$25,664
	Floor - Wood	1,452	SF	6	\$10,236
	Lighting - Pendent/Surface	42	EA	6	\$5,204
	Lighting - Pendent/Surface	210	EA	7	\$0
	Marker Board	384	LF	7	\$0

Building: Addition

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Regular Classroom (18 rooms)					
	Storage/ Closet	50	SF	5	\$807
	Storage/ Closet	800	SF	6	\$5,800
	Walls - Plaster/Drywall	24,447	SF	6	\$67,471
Special Education (1 room)					
	Ceiling - Plaster/Drywall	342	SF	6	\$1,184
	Doors - Transom Window	9	SF	6	\$152
	Doors - Wood Doors inclu hw	1	EA	6	\$301
	Floor - Tile	342	SF	6	\$748
	Lighting - Pendent/Surface	5	EA	7	\$0
	Marker Board	6	LF	7	\$0
	Storage/ Closet	9	SF	6	\$65
	Walls - Plaster/Drywall	1,025	SF	6	\$2,829
Special Program (3 rooms)					
	AC Units	3	EA	6	\$1,487
	Casework	8	LF	6	\$202
	Ceiling - Plaster/Drywall	2,178	SF	6	\$7,537
	Doors - Transom Window	41	SF	6	\$694
	Doors - Wood Doors inclu hw	3	EA	6	\$903
	Floor - Tile	726	SF	6	\$1,588
	Floor - Wood	1,452	SF	6	\$10,236
	Lighting - Pendent/Surface	42	EA	7	\$0
	Marker Board	66	LF	7	\$0
	Storage/ Closet	150	SF	6	\$1,088
	Walls - Plaster/Drywall	3,819	SF	6	\$10,540
	Work Sink	1	EA	6	\$379
Classrooms Subtotal:					\$249,089

Building: Addition

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Ceiling - Plaster/Drywall	664	SF	6	\$2,298
	Doors - Wood Doors inclu hw	2	EA	6	\$602
	Floor - Tile	664	SF	6	\$1,453
	Lighting - Pendent/Surface	10	EA	7	\$0

Building: Addition

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Walls - Plaster/Drywall	1,682	SF	6	\$4,642
Kitchen					
	Ceiling - Plaster/Drywall	2,593	SF	6	\$8,973
	Doors - Wood Doors inclu hw	4	EA	6	\$1,204
	Floor - Tile	2,593	SF	6	\$5,673
	Lighting - Pendent/Surface	44	EA	7	\$0
	Serving Line	27	LF	7	\$0
	Storage/ Closet	164	SF	6	\$1,189
	Walls - Masonry	2,502	SF	6	\$7,871
Lunch & Multipurpose Room					
	Ceiling - Plaster/Drywall	1,692	SF	6	\$5,855
	Chalk Board	36	LF	4	\$3,305
	Chalk Board	36	LF	6	\$803
	Doors - Wood Doors inclu hw	1	EA	5	\$1,174
	Doors - Wood Doors inclu hw	4	EA	6	\$1,204
	Floor - Tile	1,692	SF	6	\$3,702
	Lighting - Pendent/Surface	28	EA	7	\$0
	Walls - Masonry	1,812	SF	6	\$5,701
	Walls - Plaster/Drywall	555	SF	6	\$1,532
Mechanical/ Service Rooms					
	Interior Stairs	4	LF	6	\$36
	Janitor's Closet	114	SF	6	\$817
	Mechanical/ Service Rooms	1,053	SF	6	\$7,544
Restroom					
	Accessories	918	SF	6	\$8,467
	Ceiling - Plaster/Drywall	1,218	SF	6	\$4,215
	Doors - Side-lite	28	SF	6	\$468
	Doors - Transom Window	96	SF	6	\$1,625
	Doors - Wood Doors inclu hw	11	EA	6	\$3,311
	Floor - Tile Ceramic/ Porcelain	1,218	SF	6	\$2,578
	Floor Drain	5	EA	6	\$5,296
	Floor Drain	1	EA	7	\$0
	Hand Dryer	1	EA	6	\$230
	Lavatory	14	EA	6	\$4,474
	Lighting - Pendent/Surface	18	EA	7	\$0

Building: Addition

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Partitions	9	EA	6	\$2,672
	Urinals	20	EA	6	\$6,720
	Walls - Plaster/Drywall	2,234	SF	6	\$6,166
	Walls - Structural Glazed Tile	1,945	SF	6	\$6,119
	Water Closet	10	EA	6	\$3,360
Rooms (Other Than Classrooms) Subtotal:					\$121,279

Building: Addition

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Exposed	500	SF	6	\$744
	Ceiling - Plaster/Drywall	5,457	SF	6	\$33,789
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Doors - Transom Window	198	EA	6	\$3,352
	Doors - Wood Doors include hw	15	EA	6	\$4,515
	Drinking Fountains - Single Fountain	6	EA	6	\$1,654
	Floor - Concrete Epoxy/ Painted	500	SF	6	\$243
	Floor - Terrazzo	164	SF	7	\$0
	Floor - Tile/Sheet	5,079	SF	6	\$2,760
	Lighting - Pendent/Surface	82	EA	7	\$0
	Student Lockers - One Tier	220	EA	6	\$20,424
	Walls - Masonry	574	SF	6	\$1,806
	Walls - Plaster/Drywall	9,000	SF	6	\$39,897
	Walls - Structural Glazed Tile	180	SF	6	\$566
Safety					
	Camera Viewing Station	1	EA	6	\$683
	Security Cameras	6	EA	6	\$1,164
Stairs					
	Ceiling - Plaster/Drywall	534	SF	6	\$3,910
	Floor - Concrete	40	SF	6	\$21
	Floor - Terrazzo	642	SF	7	\$0
	Handrails	370	LF	6	\$3,206
	Lighting - Pendent/Surface	8	EA	6	\$991
	Lighting - Pendent/Surface	8	EA	7	\$0

Building: Addition

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Stairs	Stairs - Terrazzo	174	LF	7	\$0
	Walls - Plaster/Drywall	6,496	SF	6	\$17,928

Building Interior Subtotal: **\$138,858**

Total Building Cost **\$1,657,712**

Building: Chicago School of Arts

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Entrance	Entrance Control - Audio	1	EA	6	\$497
	Entrance Control - Audio and Video	2	EA	6	\$1,403
	Exterior Doors - Exterior FRP Door	2	EA	6	\$1,263
	Exterior Doors - Exterior Steel Door	5	EA	4	\$19,113
	Exterior Doors - Exterior Steel Door	4	EA	6	\$1,922
	Exterior Doors - Side lite	5	EA	4	\$5,256
	Exterior Doors - Side lite	14	EA	6	\$4,386
	Exterior Doors - Store Front	4	EA	6	\$2,184
	Exterior Doors - Transom Lite	3	EA	4	\$6,021
	Exterior Doors - Transom Lite	1	EA	5	\$822
	Exterior Doors - Transom Lite	10	EA	6	\$3,133
	Exterior Stairs - Concrete	510	LF	5	\$55,886
	Exterior Stairs - Concrete	218	LF	6	\$17,825
	Ramp Handrail - Steel_Ramp Handrail	65	LF	6	\$563
	Ramps - Concrete	30	LF	6	\$4,507
	Ramps - Steel or Aluminum	4	LF	6	\$601
	Stair Handrail - Steel_Stair Handrail	12	LF	6	\$104
Foundation	Foundation - Concrete	982	LF	7	\$0
	Superstructure - Concrete	74,152	SF	7	\$0
Lighting	Exterior Lighting - Parapet or Roof Mounted	21	EA	6	\$11,267
Roof System	Chimney - Metal Flue	35	LF	5	\$15,370

Building: Chicago School of Arts

Category: Building Exterior

Group	Item - Type	Quantity	Unit	Rank	Cost
Roof System					
	Coping - Metal	1,294	LF	6	\$41,560
	Downspouts - Exterior Downspouts	2	LF	6	\$66
	Downspouts - Interior Downspouts	510	LF	6	\$16,949
	Parapet - Parapet < 16" Height	1,462	LF	6	\$31,151
	Roof - Asphalt Gravel Ballast	43,722	SF	4	\$1,225,440
	Roof - Modified Bitumen	2,000	SF	6	\$18,819
	Roof Structure - Concrete	43,722	SF	7	\$0
Walls					
	Canopy - Concrete/ Stucco	5,084	SF	6	\$168,231
	Exterior Walls - Brick	24,785	SF	5	\$440,551
	Exterior Walls - Precast Panel Wall	1,980	SF	6	\$13,308
Windows					
	Curtain wall - Glazed Double Pane	3,108	SF	6	\$34,844
	Curtain wall - Insulated Panel	1,815	SF	6	\$20,348
	Curtain wall - Windows	4,978	SF	6	\$55,809
	Guard - Guards perforated	1,680	SF	6	\$21,453
	Guard - Guards wire guard	240	SF	6	\$3,065
	Lintels - Concrete	1,080	LF	6	\$0
	Lintels - Steel	3	LF	7	\$0
	Windows - Sash Lexan	4	SF	6	\$30

Building Exterior Subtotal:

\$2,243,750

Building: Chicago School of Arts

Category: Electrical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
	Automatic Transfer Switch	3	EA	6	\$1,224
	Emergency A/C Power - Corridors and Stairs	13,161	SF	6	\$3,952
	Emergency A/C Power - Students Toilets	877	SF	6	\$326
	Emergency Generator- Outdoor- Natural Gas - 151 - 200 KW	1	EA	7	\$0
	Exit Signs - Corridors and Stairs	28	EA	7	\$0
	Exit Signs - Gym	6	EA	7	\$0
	Exit Signs - Lunchroom	4	EA	7	\$0
	Security System - CCTV	74,152	SF	6	\$22,268
	Security System - Intrusion Detection	74,152	SF	6	\$19,087

**Building: Chicago School of Arts****Category: Electrical System**

Group	Item - Type	Quantity	Unit	Rank	Cost
Emergency System					
Main Service					
	Independent Electrical Service for emergency power	1	EA	7	\$0
	Main Electrical Service - 2000 A 120/208/3PH	1	EA	7	\$0
	PA System	74,152	SF	5	\$50,898
Power Distribution					
	Lighting and Power Panels - 100 A	1	EA	4	\$4,849
	Lighting and Power Panels - 100 A	15	EA	7	\$0
	Lighting and Power Panels - Above 100 A	19	EA	7	\$0
	Main Distribution Panels - 400 - 600 amp	3	EA	7	\$0
	Main Distribution Panels - Greater than 600 amp	2	EA	7	\$0
Electrical System Subtotal:					\$102,604

Building: Chicago School of Arts**Category: Safty System**

Group	Item - Type	Quantity	Unit	Rank	Cost
Fire Alarm					
	Fire Alarm Panel	1	EA	7	\$0
	Fire Alarm Strobe Lights	74,152	SF	7	\$0
	Fire Alarm_System	74,152	SF	7	\$0
Safty System Subtotal:					\$0

Building: Chicago School of Arts**Category: Mechanical System**

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Conditioning					
	Condensing Unit- Roof Mounted - Less than 5 tons	3	EA	6	\$10,001
Air Handling Systems					
	Air Handling Unit- Package Single Zone- Indoor- Electric and DX Cooling Coil - Less than 4000 cfm	2	EA	6	\$6,700
	Air Handling Unit- Package Single Zone- Indoor- Steam Coils - 12001-20000 cfm	1	EA	6	\$3,350
	Air Handling Unit- Package Single Zone- Indoor- Steam Coils - Less than 4000 cfm	1	EA	6	\$3,350
	Air Intake	2	EA	7	\$0
	Indoor Return Fans- Centrifugal Squirrel Cage - Less than 5000 CFM	1	EA	6	\$1,282

Building: Chicago School of Arts

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Air Handling Systems					
	Roof Top Unit-Single Zone-Roof Mounted- Electric and DX Cooling with Self Contained Compressor - Less than 5 tons	2	EA	6	\$3,806
	Roof Top Unit-Single Zone-Roof Mounted- Gas Heating and DX Cooling Coil - 5 - 10 tons	1	EA	6	\$2,051
Boiler Systems					
	Boiler Auxiliary- Scotch Marine- Steam Low Pressure Boiler - 201 - 300 HP	2	EA	7	\$0
	Chemical Feed System	1	EA	6	\$1,078
	Chemical Feeder	1	EA	7	\$0
	Combustion Dampers	2	EA	7	\$0
	Condensate Pump	2	EA	6	\$4,042
	Feed Water Pumps and Tank	1	EA	7	\$0
	Non Condensing- Fire Tube- Scotch Marine- Steam- Low Pressure Boiler - 201 - 300 HP	2	EA	6	\$1,996
	Piping - Condensate Pipe- Steel	200	LF	6	\$378
	Piping - Steam Pipe- Steel	200	LF	5	\$2,817
	Steam Traps	65	EA	5	\$85,468
Heat Exchangers					
	Heat Exchanger - Steam to Hot Water Shell Type	1	EA	5	\$11,535
Heating Devices					
	Cabinet Heaters - With Hot Water Coil	35	EA	6	\$12,401
	Fin Tube - Hot Water	400	LF	6	\$3,775
	Unit Heater - Electric	4	EA	6	\$1,111
	Unit Heater - Hot Water	1	EA	6	\$279
Mechanical Plumbing					
	Hot Water Pump - Less than 10	2	EA	6	\$2,222
	Hydronic Supply and Return - Copper	500	LF	7	\$0
Temperature Control					
	DDC System	74,152	SF	7	\$0
	Electric Thermostat	3	EA	7	\$0
	Thermostats - DDC	45	EA	7	\$0
Unit Ventilation					
	Unit Ventilators- Floor Mounted- Steam Heating Coils Only	45	EA	6	\$56,147
Ventilation					
	Exhaust Fans- Indoor - 1501 - 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - 1501 - 8000 CFM	5	EA	6	\$2,962
	Exhaust Fans- Roof Mounted - 500 - 1500 CFM	5	EA	6	\$2,962

Building: Chicago School of Arts

Category: Mechanical System

Group	Item - Type	Quantity	Unit	Rank	Cost
Ventilation					
	Exhaust Fans- Roof Mounted - Greater than 8000 CFM	1	EA	6	\$592
	Exhaust Fans- Roof Mounted - Less than 500 CFM	10	EA	6	\$2,962
	Lab Exhaust Hood	1	EA	6	\$1,248
	Roof Mounted Duct Work	20	LF	6	\$7,580
	Type II Exhaust Hood- Warming Kitchen	1	EA	6	\$920

Mechanical System Subtotal:

\$233,610

Building: Chicago School of Arts

Category: Plumbing System

Group	Item - Type	Quantity	Unit	Rank	Cost
Hot Water					
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	5	\$2,249
	Gas Heater - 150000 - 300000 BTU/HR	1	EA	6	\$310
	Hot Water Storage Tank_Gas - 501 - 1000 Gallons	1	EA	6	\$678
Piping					
	Domestic Piping-Cold Water from Risers to Fixtures	74,152	SF	6	\$14,845
	Domestic Piping-Cold Water Horizontal Lines	74,152	SF	6	\$18,026
	Domestic Piping-Cold Water Risers	74,152	SF	6	\$13,785
	Domestic Piping-Hot Water from Risers to Fixtures	74,152	SF	6	\$11,664
	Domestic Piping-Hot Water Horizontal Lines	74,152	SF	6	\$13,785
	Domestic Piping-Hot Water Return Lines	74,152	SF	6	\$10,604
	Domestic Piping-Hot Water Return Risers	74,152	SF	6	\$10,604
	Sanitary Piping	74,152	SF	6	\$67,864
	Storm Piping	74,152	SF	6	\$64,683
	Vent Piping	74,152	SF	6	\$49,838
Pumps					
	Pumps - Domestic Booster Pump-Simplex	1	EA	5	\$8,937
	Pumps - Domestic Booster Pump-Simplex	1	EA	6	\$1,446
	Pumps - Sump-Duplex	1	EA	6	\$1,387
	Pumps - Sump-Simplex	1	EA	6	\$745

Plumbing System Subtotal:

\$291,449

Building: Chicago School of Arts

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Art Room (1 room)					
	AC Units	2	EA	2	\$12,173
	Casework	80	LF	6	\$2,020
	Ceiling - Exposed	595	SF	6	\$885
	Ceiling - Splined	595	SF	6	\$485
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Transom Window	6	SF	6	\$102
	Floor - Tile	1,190	SF	6	\$2,604
	Kiln	1	EA	6	\$2,321
	Lighting - Pendent/Surface	35	EA	4	\$18,922
	Marker Board	18	LF	7	\$0
	Storage/ Closet	105	SF	6	\$761
	Walls - Concrete Block	647	SF	6	\$1,897
	Walls - Plaster/Drywall	270	SF	6	\$745
	Work Sink	2	EA	6	\$758
Computer Lab (1 room)					
	AC Units	2	EA	2	\$12,173
	Casework	9	LF	6	\$227
	Ceiling - Exposed	418	SF	6	\$622
	Ceiling - Splined	418	SF	6	\$341
	Charging Station	1	EA	6	\$485
	Doors - Side-lite	15	SF	6	\$251
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Transom Window	9	SF	6	\$152
	Floor - Wood	836	SF	6	\$5,894
	Lighting - Pendent/Surface	24	EA	4	\$12,975
	Marker Board	24	LF	7	\$0
	Storage/ Closet	12	SF	6	\$87
	Walls - Concrete Block	799	SF	6	\$2,342
	Wireless System	1	EA	6	\$372
Faculty Lounge (1 room)					
	AC Units	1	EA	2	\$6,086
	Casework	30	LF	6	\$758
	Ceiling - Exposed	418	SF	6	\$622
	Ceiling - Splined	418	SF	6	\$341
	Chalk Board	24	LF	4	\$2,203
	Doors - Side-lite	15	SF	6	\$251
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Transom Window	9	SF	6	\$152

Building: Chicago School of Arts

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Faculty Lounge (1 room)					
	Floor - Tile	836	SF	6	\$1,829
	Lighting - Pendent/Surface	24	EA	4	\$12,975
	Storage/ Closet	12	SF	6	\$87
	Walls - Concrete Block	799	SF	6	\$2,342
	Work Sink	1	EA	6	\$379
Regular Classroom (26 rooms)					
	AC Units	46	EA	2	\$279,969
	Casework	189	LF	6	\$4,773
	Ceiling - Exposed	10,949	SF	6	\$16,283
	Ceiling - Lay-in	8,432	SF	6	\$25,321
	Ceiling - Splined	2,508	SF	6	\$2,044
	Doors - Side-lite	442	SF	6	\$7,389
	Doors - Steel Doors incl hw	6	EA	6	\$1,806
	Doors - Transom Window	225	SF	6	\$3,810
	Doors - Wood Doors inclu hw	22	EA	6	\$6,622
	Floor - Tile	16,037	SF	6	\$35,087
	Floor - Wood	5,852	SF	6	\$41,256
	Lighting - Pendent/Surface	600	EA	4	\$324,384
	Marker Board	314	LF	6	\$6,726
	Marker Board	108	LF	7	\$0
	Storage/ Closet	72	SF	6	\$522
	Walls - Concrete Block	18,993	SF	6	\$55,678
	Walls - Plaster/Drywall	1,800	SF	6	\$4,968
	Work Sink	5	EA	6	\$1,895
Science Lab Level 1 (2 rooms)					
	AC Units	2	EA	2	\$12,173
	Casework	124	LF	6	\$3,131
	Ceiling - Exposed	1,078	SF	6	\$1,603
	Ceiling - Splined	1,078	SF	6	\$879
	Doors - Steel Doors incl hw	2	EA	6	\$602
	Doors - Transom Window	12	SF	6	\$203
	Eye Wash Station	2	EA	6	\$672
	Floor - Tile	2,158	SF	6	\$4,721
	Fume Hood	1	EA	6	\$816
	Gas Line	13	EA	6	\$6,619
	Lighting - Pendent/Surface	66	EA	4	\$35,682

Building: Chicago School of Arts

Category: Classrooms

Group	Item - Type	Quantity	Unit	Rank	Cost
Science Lab Level 1 (2 rooms)					
	Marker Board	36	LF	7	\$0
	Science Lab Elements	2,158	SF	6	\$14,627
	Science Lab Shower	1	EA	6	\$379
	Walls - Concrete Block	1,188	SF	6	\$3,483
	Walls - Plaster/Drywall	460	SF	6	\$1,270
	Work Sink	11	EA	6	\$4,169
Weight (1 room)					
	AC Units	1	EA	2	\$6,086
	AC Units	1	EA	4	\$6,086
	Casework	9	LF	6	\$227
	Ceiling - Exposed	418	SF	6	\$622
	Ceiling - Splined	418	SF	6	\$341
	Doors - Side-lite	15	SF	6	\$251
	Doors - Steel Doors incl hw	1	EA	6	\$301
	Doors - Transom Window	9	SF	6	\$152
	Floor - Sport Flooring	836	SF	6	\$1,805
	Lighting - Pendent/Surface	24	EA	4	\$12,975
	Marker Board	12	LF	7	\$0
	Storage/ Closet	12	SF	6	\$87
	Walls - Concrete Block	799	SF	6	\$2,342
	Work Sink	1	EA	6	\$379
Classrooms Subtotal:					\$1,049,738

Building: Chicago School of Arts

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Ceiling - Exposed	1,889	SF	6	\$2,809
	Ceiling - Lay-in	1,611	SF	6	\$4,838
	Ceiling - Plaster/Drywall	47	SF	6	\$163
	Ceiling - Splined	292	SF	6	\$238
	Doors - Steel Doors incl hw	15	EA	6	\$4,515
	Floor - Concrete	77	SF	7	\$0
	Floor - Tile	2,634	SF	6	\$5,763
	Floor - Tile/Sheet	1,130	SF	6	\$1,131

Building: Chicago School of Arts

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Administrative Suites/Offices					
	Lighting - Lay-in	4	EA	6	\$476
	Lighting - Lay-in	26	EA	7	\$0
	Lighting - Pendent/Surface	2	EA	4	\$1,081
	Lighting - Pendent/Surface	6	EA	6	\$743
	Lighting - Pendent/Surface	24	EA	7	\$0
	Power Distribution	136	EA	7	\$0
	Walls - Concrete Block	4,386	SF	6	\$12,858
	Walls - Plaster/Drywall	3,952	SF	6	\$10,907
Gymnasia					
	Ceiling - Exposed	4,600	SF	6	\$6,841
	Doors - Steel Doors incl hw	8	EA	6	\$2,408
	Floor - Tile	100	SF	6	\$219
	Floor - Wood	4,500	SF	6	\$31,725
	Lighting - Pendent/Surface	24	EA	7	\$0
	Sound System	1	EA	6	\$41,654
	Stage	491	SF	6	\$2,837
	Stage Lift	1	EA	6	\$6,510
	Stage Lighting System	1	EA	6	\$12,369
	Stage-Stairs - Asphalt	10	LF	6	\$93
	Walls - Concrete Block	7,000	SF	6	\$20,521
Kitchen					
	Ceiling - Plaster/Drywall	932	SF	6	\$3,225
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Floor - Tile Quarry	932	SF	6	\$1,972
	Lighting - Pendent/Surface	32	EA	7	\$0
	Serving Line	24	LF	6	\$1,428
	Storage/ Closet	89	SF	6	\$645
	Walls - Structural Glazed Tile	800	SF	6	\$2,517
Locker/Shower Room					
	Accessories	404	SF	6	\$1,583
	Benches, ped mounted	8	LF	6	\$871
	Ceiling - Plaster/ Drywall	404	SF	6	\$1,398
	Doors - Steel Doors incl hw	2	EA	6	\$602
	Floor - Tile/Sheet	404	SF	6	\$404
	Lighting - Pendent/Surface	3	EA	4	\$1,622
	Lighting - Pendent/Surface	3	EA	7	\$0

Building: Chicago School of Arts

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Locker/Shower Room					
	Student Lockers - One Tier	4	EA	6	\$371
	Student Lockers - Two Tier	84	EA	6	\$3,899
	Walls - Masonry	708	SF	6	\$2,227
	Walls - Plaster/Drywall	1,774	SF	6	\$4,896
Lunch & Multipurpose Room					
	AC Unit	6	EA	6	\$2,973
	Ceiling - Exposed	146	SF	6	\$217
	Ceiling - Splined	1,467	SF	6	\$1,196
	Doors - Side-lite	45	SF	6	\$752
	Doors - Steel Doors incl hw	3	EA	6	\$903
	Doors - Store Front	2	EA	6	\$2,416
	Floor - Tile	2,935	SF	6	\$6,421
	Lighting - Pendent/Surface	91	EA	7	\$0
	Walls - Concrete Block	856	SF	6	\$2,509
	Walls - Vinyl Coated Gypsum Panel	552	SF	6	\$1,523
Mechanical/ Service Rooms					
	Boiler Room	2,261	SF	6	\$16,198
	Interior Stairs	7	LF	6	\$63
	Janitor's Closet	60	SF	6	\$430
	Mechanical/ Service Rooms	1,272	SF	6	\$9,113
	Storage Room	720	SF	6	\$5,158
	Vaults	195	SF	6	\$1,397
Prep Room					
	Ceiling - Splined	360	SF	6	\$293
	Doors - Steel Doors incl hw	2	EA	6	\$602
	Floor - Tile	360	SF	6	\$788
	Lighting - Pendent/Surface	5	EA	7	\$0
	Walls - Concrete Block	119	SF	6	\$349
	Walls - Plaster/Drywall	744	SF	6	\$2,053
	Work Sink	1	EA	6	\$379
Restroom					
	Accessories	1,646	SF	6	\$15,182
	Ceiling - Exposed	1,502	SF	6	\$2,234
	Ceiling - Plaster/Drywall	245	SF	6	\$848
	Ceiling - Splined	2	SF	5	\$19

Building: Chicago School of Arts

Category: Rooms (Other Than Classrooms)

Group	Item - Type	Quantity	Unit	Rank	Cost
Restroom					
	Ceiling - Splined	243	SF	6	\$198
	Doors - Steel Doors incl hw	8	EA	6	\$2,408
	Doors - Wood Doors inclu hw	6	EA	6	\$1,806
	Floor - Concrete	45	SF	6	\$24
	Floor - Tile	36	SF	6	\$79
	Floor - Tile Ceramic/ Porcelain	1,750	SF	6	\$3,704
	Floor - Tile/Sheet	161	SF	6	\$161
	Floor Drain	17	EA	6	\$18,006
	Floor Drain	1	EA	7	\$0
	Hand Dryer	6	EA	6	\$1,380
	Lavatory	24	EA	6	\$7,671
	Lighting - Pendent/Surface	33	EA	7	\$0
	Partitions	29	EA	6	\$8,611
	Showers	1	EA	5	\$1,172
	Urinals	14	EA	6	\$4,704
	Walls - Concrete Block	280	SF	5	\$2,875
	Walls - Concrete Block	5,858	SF	6	\$17,173
	Walls - Tile Ceramic/ Porcelain	100	SF	6	\$226
	Water Closet	1	EA	4	\$7,669
	Water Closet	32	EA	6	\$10,751

Rooms (Other Than Classrooms) Subtotal: \$362,199

Building: Chicago School of Arts

Category: Building Interior

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Ceiling - Exposed	12,704	SF	6	\$18,893
	Doors - Side-lite	12	EA	5	\$840
	Doors - Side-lite	108	EA	6	\$1,805
	Doors - Side-lite	24	EA	7	\$0
	Doors - Steel Doors incl hw	4	EA	6	\$1,204
	Doors - Store Front	10	EA	6	\$12,082
	Doors - Transom Window	72	EA	6	\$1,219
	Doors - Transom Window	9	EA	7	\$0
	Drinking Fountains - Double Fountain	2	EA	6	\$672
	Drinking Fountains - Single Fountain	1	EA	6	\$276

**Building: Chicago School of Arts****Category: Building Interior**

Group	Item - Type	Quantity	Unit	Rank	Cost
Corridor					
	Drinking Fountains - Single Water Cooler	1	EA	6	\$317
	Floor - Concrete Epoxy/ Painted	140	SF	6	\$68
	Floor - Tile/Sheet	12,243	SF	6	\$6,653
	Lighting - Pendent/Surface	181	EA	7	\$0
	Lighting - Wall Mounted	6	EA	7	\$0
	Student Lockers - One Tier	557	EA	6	\$51,709
	Walls - Concrete Block	23,219	SF	6	\$68,066
	Walls - Masonry	9,102	SF	6	\$28,635
	Walls - Plaster/Drywall	500	SF	6	\$2,217
	Walls - Tile Ceramic/ Porcelain	162	SF	6	\$510
Safety					
	Camera Viewing Station	1	EA	6	\$683
	Metal Dedector	1	EA	6	\$881
	Security Cameras	19	EA	6	\$3,687
Stairs					
	Ceiling - Exposed	1,719	SF	6	\$2,556
	Floor - Concrete Epoxy/ Painted	568	SF	6	\$276
	Floor - Tile	70	SF	6	\$38
	Handrails	150	LF	6	\$1,300
	Lighting - Pendent/Surface	4	EA	7	\$0
	Lighting - Wall Mounted	2	EA	7	\$0
	Stairs	19	LF	6	\$0
	Stairs - Rubber	56	LF	6	\$602
	Walls - Concrete Block	3,600	SF	6	\$10,553
	Walls - Masonry	389	SF	6	\$1,224
Vertical Conveyance					
	Elevator - Elevator- Roped Holeless Hydraulic	1	EA	6	\$19,238

Building Interior Subtotal:	\$236,204
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Total Building Cost	\$4,519,553
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SITE**Category: Site**

Group	Item - Type	Quantity	Unit	Rank	Cost
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SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Civil/Drainage					
	Civil/ Drainage - Catch Basin	3	EA	5	\$7,710
	Civil/ Drainage - Catch Basin	15	EA	6	\$16,408
	Civil/ Drainage - Site Drain	3	EA	6	\$931
Fencing					
	Fencing - Chain Link	774	LF	6	\$14,533
	Fencing - New Standard Ornamental	494	LF	5	\$70,345
	Fencing - New Standard Ornamental	917	LF	6	\$29,255
Landscape					
	Benches	3	EA	6	\$1,290
	Landscape - Grass	6,325	SF	5	\$9,587
	Landscape - Hardscape- Concrete	450	SF	4	\$9,582
	Landscape - Hardscape- Concrete	10,983	SF	6	\$56,698
	Landscape - Hardscape- Pavers	80	SF	6	\$453
	Parkway trees	53	EA	6	\$34,982
	Planting Beds/ Area	4,233	SF	6	\$6,961
	Play Area - Asphalt/ Hardscape	6,325	SF	5	\$30,234
	Trash Receptacles	2	EA	6	\$625
Parking Lot					
	Concrete Curbs	55	LF	6	\$706
	Interior Plantings	140	LF	6	\$5,956
	Lighting - Pole Mounted	4	EA	6	\$5,810
	Surface - Asphalt	31,638	SF	4	\$284,647
	Surface - Asphalt	3,600	SF	5	\$21,261
	Surface - Asphalt	77,085	SF	6	\$197,761
	Trash Enclosure - Chain Links	965	SF	6	\$16,932
	Vehicular Screening	254	LF	6	\$19,999
Playground					
	Equipment - Pre K 3-5	1	EA	6	\$3,546
	Equipment - School Age 5-12	1	EA	6	\$3,546
	Surface - Poured Surface	4,850	SF	6	\$35,510
Sidewalks					
	Sidewalks - Internal Walks	130	LF	4	\$10,258
	Sidewalks - Internal Walks	1,040	LF	6	\$12,492
	Sidewalks - Perimeter Sidewalks	25	SF	4	\$402
	Sidewalks - Perimeter Sidewalks	55	SF	5	\$525

SITE

Category: Site

Group	Item - Type	Quantity	Unit	Rank	Cost
Sidewalks					
	Sidewalks - Perimeter Sidewalks	18,769	SF	6	\$37,307
Signage					
	Flag Pole - Building Mounted Flag Pole	1	EA	7	\$0
	Marquee - Free Standing Back lighted w/ LED	1	EA	7	\$0
	Monument - Building Mounted Cut Letter Sign	1	EA	7	\$0

Site Subtotal: **\$946,253**

Total Site Cost **\$946,253**

Campus Total ^{2 3} **\$10,471,802**

¹ It is very rare for assessors to find a feature in this condition. If assessors do, they are required to report it immediately to CPS, and CPS addresses it immediately. Thus, no features will be ranked "1" in this report; by the time the report is compiled, they have been resolved.

² As stated above, Total Assessed Campus Need does not include the addition of features not already in a particular facility, such as programmatic improvements, school-wide ADA compliance, air conditioning, space reconfiguration or construction to alleviate overcrowding; these items are treated as separate capital needs. The Total Assessed Campus Need includes current deficiencies and is based on current unit cost estimates; it does not reflect a complete project cost.

³ The overall condition of different items can change after an assessment date due to many variables, including newly occurring deficiencies, renovation or repairs and cost changes. These dollar figures in this report are estimates only and are based solely on the data that was collected as of the assessment date in the footer below.

Definitions

- **Quantity** means, for each item, the total number (or amount) of that item that exists and was evaluated.
- **Unit** means the generally accepted standard unit of measure for each item. Some items, like doors, are measured individually and use the unit of measurement "EA" for "each." Other items, like chimneys, are measured in terms of linear feet ("LF"). Still other items, like flooring, are generally measured in square feet ("SF").
- **Cost** means a basic estimate for each item needing some level of repair or replacement. Cost does not include all expenses that would be necessary to complete a repair or replacement project. This is because, depending on the item and on the overall scope of a construction project, repair/replacement projects can include additional costs such as destructive testing, environmental needs, discovered conditions, and additional work triggered by building codes.
- **For the same reason, the Total Campus Need listed at the end of this report reflects only a portion of what it would actually cost to repair/replace all of the listed features.**
- **Campus Total** also does not reflect features that do not yet exist at a particular facility, such as: programmatic improvements, school-wide ADA compliance, air conditioning, space reconfiguration, or construction to alleviate overcrowding; these are viewed as separate capital needs.

Classroom Summary

Current Usage	Intended Usage	Room Location	Room Number	Floor Plan Room Number	Area (SF)	Voice Outlets	Data Outlets	Elect. Outlets	Glazed Window Area	Operable Window Area	Noise Level	Window Stop	Power Strip	Smart-Board
Main														
Art Room	Regular Classroom	2nd Floor	212	212	818	2	7	12	140	51	40	N	Y	Y
Multi Purpose Room	Kindergarten	1st Floor	110	110	1,292	8	1	13	200	68	40	N	Y	N
Multi Purpose Room	Regular Classroom	2nd Floor	218	218	818	2	0	7	160	72	40	N	Y	Y
Regular Classroom	Regular Classroom	1st Floor	116	116	726	1	1	13	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	118	118	818	2	5	20	140	51	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	216	216	819	1	0	7	168	80	40	N	Y	Y
Regular Classroom	Regular Classroom	3rd Floor	310	310	745	2	7	20	152	51	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	316	316	827	2	7	20	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	317	317	957	1	7	32	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	318	318	818	2	5	20	140	51	40	N	N	N
Science	Regular Classroom	2nd Floor	210	210	818	2	5	20	140	51	40	N	N	N
Science	Regular Classroom	3rd Floor	312	312	818	2	5	20	140	51	40	N	N	N
Science	Science	3rd Floor	319	319	944	2	16	62	140	51	40	N	Y	N

Addition

Computer Lab	Regular Classroom	2nd Floor	204	204	745	1	25	60	140	51	40	N	Y	N
Computer Lab	Regular Classroom	2nd Floor	206	206	745	2	21	74	168	80	40	N	Y	Y
Music Room	Regular Classroom	3rd Floor	300	300	726	1	1	13	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	100	100	726	1	1	13	140	51	40	N	Y	Y
Regular Classroom	Regular Classroom	1st Floor	101	101	726	1	1	13	140	51	40	N	Y	Y
Regular Classroom	Regular Classroom	1st Floor	102	102	726	1	1	13	140	51	40	N	Y	Y
Regular Classroom	Regular Classroom	1st Floor	103	103	726	1	1	13	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	104	104	726	1	1	13	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	105	105	726	1	1	13	140	15	14	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	106	106	726	1	1	15	140	51	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	107	107	726	1	1	13	140	15	40	N	Y	N
Regular Classroom	Regular Classroom	2nd Floor	200	200	745	1	1	50	120	34	40	N	Y	N
Regular Classroom	Regular Classroom	2nd Floor	201	201	745	1	1	13	120	34	40	N	Y	N
Regular Classroom	Regular Classroom	2nd Floor	202	202	745	1	1	13	120	34	40	N	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	203	203	745	1	1	7	160	22	40	N	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	205	205	745	2	7	32	140	51	40	N	Y	Y
Regular Classroom	Regular Classroom	2nd Floor	207	207	745	1	4	7	70	54	40	N	Y	Y
Regular Classroom	Regular Classroom	3rd Floor	303	303	726	1	1	13	140	15	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	304	304	726	1	1	13	140	15	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	305	305	726	1	1	13	140	15	40	N	Y	N
Regular Classroom	Regular Classroom	3rd Floor	307	307	726	1	1	13	140	15	40	N	Y	N
Special Education	Faculty Lounge	2nd Floor	209	209	342	2	2	12	84	40	40	N	N	N



James R Doolittle Jr Elementary School

535 E 35th St Chicago, IL 60616

Co-locating on this campus are DOOLITTLE and URBAN PREP - BRONZEVILLE HS

Classroom Summary

Current Usage	Intended Usage	Room Location	Room Number	Floor Plan Room Number	Area (SF)	Voice Outlets	Data Outlets	Elect. Outlets	Glazed Window Area	Operable Window Area	Noise Level	Window Stop	Power Strip	Smart-Board
Addition														
Special Program	Regular Classroom	3rd Floor	301	301	726	1	1	13	140	15	40	N	Y	N
Special Program	Regular Classroom	3rd Floor	302	302	726	1	1	13	140	15	40	N	Y	N
Special Program	Regular Classroom	3rd Floor	306	306	726	1	1	13	140	15	40	N	Y	N

Chicago School of Arts

Art Room	Kindergarten	1st Floor	103	104	1,190	2	8	12	124	70	40	N	N	N
Computer Lab	Regular Classroom	1st Floor	112	112	836	2	32	40	134	57	40	N	N	N
Faculty Lounge	Regular Classroom	1st Floor	114	114	836	6	10	26	170	80	40	N	Y	N
Regular Classroom	Regular Classroom	1st Floor	105	105	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	1st Floor	106	106	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	1st Floor	107	107	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	1st Floor	108	108	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	1st Floor	109	109	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	1st Floor	113	113	836	2	32	40	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	201	200	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	202	201	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	203	202	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	204	203	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	205	204	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	207	205	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	208	206	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	209	207	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	210	208	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	211	209	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	213	210	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	214	211	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	215	212	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	216	213	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	217	214	836	23	2	11	134	57	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	219	215	863	2	8	40	90	60	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	220	216	863	2	8	40	90	60	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	221	217	869	8	10	26	134	76	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	222	218	869	8	10	26	134	76	40	N	N	N
Regular Classroom	Regular Classroom	2nd Floor	223	219	869	8	10	26	134	76	40	N	N	N
Science Lab Level 1	Kindergarten	1st Floor	101	102	1,079	2	0	54	211	38	40	N	Y	N
Science Lab Level 1	Kindergarten	1st Floor	102	103	1,079	2	0	54	211	38	40	N	Y	N
Weight	Regular Classroom	1st Floor	111	111	836	0	23	50	134	57	40	N	N	N



Classroom Summary

Current Usage	Intended Usage	Room Location	Room Number	Floor Plan Room Number	Area (SF)	Voice Outlets	Data Outlets	Elect. Outlets	Glazed Window Area	Operable Window Area	Noise Level	Window Stop	Power Strip	Smart-Board
Chicago School of Arts														