

**Division of Public School Academic Facilities & Transportation
Biennium FY2017/FY2019 Master Plan Budget Estimates**

SYSTEM RENOVATION

Date of current version: November 5, 2015

NOTE: DISTRICTS MAY USE THE FOLLOWING COST INFORMATION FOR MASTER PLANNING PURPOSES. THE DIVISION WILL USE THIS COST DATA IN CONJUNCTION WITH THE ACADEMIC FACILITIES WEALTH INDEX TO DETERMINE STATE FINANCIAL PARTICIPATION FOR PARTNERSHIP PROJECTS FOR BIENNIUM 2017 - 2019 PROJECTS. ACTUAL PROJECT COSTS MAY VARY.

**System Renovation Cost Estimates, per Project Square Footage .
Escalation estimates are subject to future validation and/or adjustment by the Division.**

New Facilities, Additions and Space Conversions - see other tabs

DIRECT AND INDIRECT COST OF SYSTEM RENOVATION

ITEM OR SYSTEM RENOVATION		Unit	Batesville	Camden	Fayetteville	Fort Smith	Harrison	Hot Springs	Jonesboro	Little Rock	Pine Bluff	Russellville	Texarkana	West Memphis
roofing	Metal Seam	sf	\$21.09	\$20.25	\$20.57	\$22.07	\$21.26	\$20.25	\$22.12	\$22.60	\$22.11	\$20.87	\$20.69	\$21.16
roofing	Built-up asphalt	sf	\$10.98	\$10.54	\$10.71	\$11.32	\$11.07	\$10.54	\$11.56	\$11.76	\$11.49	\$10.86	\$10.57	\$11.01
roofing	Membrane - single ply	sf	\$15.24	\$14.63	\$14.86	\$15.94	\$15.36	\$14.63	\$15.98	\$16.33	\$15.97	\$15.08	\$14.94	\$15.29
roofing	Shingle System	sf	\$9.33	\$8.96	\$9.10	\$9.76	\$9.41	\$8.96	\$9.79	\$10.00	\$9.78	\$9.23	\$9.15	\$9.36
roofing	Adding Tapered Insulation	sf	\$2.68	\$2.72	\$2.98	\$3.21	\$2.92	\$2.79	\$3.01	\$2.90	\$2.87	\$2.92	\$2.80	\$2.93
plumbing	Add Domestic Water Piping	sf	\$1.95	\$1.88	\$1.90	\$2.13	\$1.97	\$1.87	\$2.15	\$2.09	\$2.20	\$1.93	\$2.22	\$1.96
plumbing	Sanitary - Replace Waste Piping & Venting System	sf	\$9.86	\$9.32	\$9.78	\$10.47	\$10.00	\$9.43	\$10.47	\$10.75	\$10.77	\$9.98	\$9.90	\$10.32
plumbing	Sanitary - add packaged wastewater treatment plant	student	\$3,307.66	\$3,266.60	\$3,386.39	\$3,441.81	\$3,396.62	\$3,275.93	\$3,396.28	\$3,423.92	\$3,441.97	\$3,310.14	\$3,333.27	\$3,358.97
hvac	Dedicated Outside Air System	sf	\$14.70	\$14.07	\$15.00	\$16.04	\$15.17	\$14.48	\$16.47	\$16.37	\$16.22	\$15.51	\$16.99	\$15.28
hvac	AC - Package Unit (Roof/Ground)	sf	\$20.44	\$19.57	\$20.93	\$22.43	\$21.16	\$20.11	\$22.87	\$22.81	\$22.68	\$21.62	\$23.54	\$21.27
hvac	AC - Package Unit (Roof/Ground), incl Dedicated Outside Air System	sf	\$35.14	\$33.64	\$35.93	\$38.47	\$36.33	\$34.59	\$39.34	\$39.18	\$38.90	\$37.12	\$40.53	\$36.55
hvac	AC - Split System	sf	\$19.67	\$18.83	\$20.14	\$21.58	\$20.36	\$19.35	\$22.00	\$21.95	\$21.82	\$20.80	\$22.65	\$20.47
hvac	AC - Split System, incl Dedicated Outside Air System	sf	\$34.36	\$32.90	\$35.14	\$37.62	\$35.53	\$33.82	\$38.47	\$38.32	\$38.04	\$36.30	\$39.64	\$35.74
hvac	Thru-Wall AC Unit	sf	\$22.14	\$21.20	\$22.67	\$24.29	\$22.92	\$21.78	\$24.77	\$24.71	\$24.56	\$23.41	\$25.50	\$23.04
hvac	Thru-Wall AC Unit, incl Dedicated Outside Air System	sf	\$36.84	\$35.27	\$37.67	\$40.33	\$38.09	\$36.26	\$41.24	\$41.08	\$40.78	\$38.92	\$42.49	\$38.32
hvac	Boiler and Two-Pipe System w/VAVs and AC	sf	\$27.77	\$26.60	\$28.44	\$30.47	\$28.75	\$27.33	\$31.07	\$30.99	\$30.81	\$29.37	\$31.98	\$28.90
hvac	Boiler and Two-Pipe System w/VAVs and AC, incl Dedicated Outside Air System	sf	\$42.47	\$40.66	\$43.44	\$46.51	\$43.92	\$41.80	\$47.54	\$47.36	\$47.03	\$44.88	\$48.97	\$44.18
hvac	Boiler/Chiller and Four-Pipe System w/VAVs	sf	\$33.04	\$31.64	\$33.84	\$36.25	\$34.20	\$32.51	\$36.96	\$36.87	\$36.65	\$34.94	\$38.05	\$34.38
hvac	Boiler/Chiller and Four-Pipe System w/VAVs, incl Dedicated Outside Air System	sf	\$47.74	\$45.70	\$48.83	\$52.29	\$49.37	\$46.98	\$53.44	\$53.24	\$52.87	\$50.44	\$55.04	\$49.66
hvac	Geothermal System	sf	\$49.40	\$47.31	\$50.59	\$54.20	\$51.13	\$48.60	\$54.42	\$57.87	\$54.83	\$52.24	\$51.72	\$51.41
hvac	Geothermal System, incl Dedicated Outside Air System	sf	\$64.10	\$61.37	\$65.59	\$70.24	\$66.30	\$63.08	\$70.90	\$74.24	\$71.05	\$67.75	\$68.71	\$66.69
life and safety	Fire Protection System (sprinkler piping)	sf	\$8.25	\$7.98	\$8.07	\$8.57	\$8.32	\$7.96	\$8.40	\$8.84	\$8.78	\$8.17	\$8.11	\$8.28
life and safety	Fire Protection System (alarm only)	sf	\$2.07	\$1.92	\$1.87	\$1.96	\$1.91	\$1.84	\$1.96	\$2.02	\$2.01	\$1.89	\$1.90	\$1.91
life and safety	Kitchen Hood System, incl Mech and Fire Suppression	each	\$60,710.00	\$59,854.94	\$60,243.60	\$62,800.95	\$60,010.40	\$59,699.46	\$64,154.61	\$64,744.14	\$63,516.65	\$60,710.00	\$61,810.45	\$65,063.09
life and safety	Emergency Exit Signs and Lighting	sf	\$0.47	\$0.46	\$0.46	\$0.47	\$0.48	\$0.46	\$0.48	\$0.51	\$0.49	\$0.47	\$0.53	\$0.49
electrical	Upgrade interior electrical wiring for lights, receptacles, switches, etc.	sf	\$3.67	\$3.68	\$1.86	\$2.08	\$1.69	\$4.02	\$2.10	\$2.34	\$2.13	\$1.80	\$1.99	\$2.72
electrical	Upgrade main electrical service to building, including main distribution panel and secondary panels	sf	\$9.43	\$8.85	\$9.93	\$10.52	\$9.19	\$9.30	\$11.04	\$11.43	\$10.80	\$9.67	\$10.48	\$10.54
structural	Repairs to Structural elements of Building	Estimate	District submission of Cost Estimate from Design Professional											

PRICES ESCALATED TO JULY 1, 2018.