

PROJECT: Water Heater Replacement and Site Improvements



**EGGEMEYER ASSOCIATES
ARCHITECTS**

OWNER: Pike County Housing Authority

**A/E PROJECT
No. : 2106**


BY: jcb


COST ESTIMATE WORKSHEET


DATE: 3/23/22


SHEET:


No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
1	Summary					
2						
3	Water Heater and Valve Replacement				\$217,558.00	
	Site Work				\$99,400.00	
4	Subtotal				\$316,958.00	
5	OH/Profit/Economic Factor			20%	\$63,391.60	
6	Water Heater and Site Total				\$380,349.60	
7						
8	Building AA-3				\$176,844.49	
9	OH/Profit/Economic Factor			20%	\$35,368.90	
10	Building AA-3 Total				\$212,213.39	
11						
12	Base Bid Total				\$592,562.99	
12						
13	Alternate Bid No. 1 Add					
14						
15	Building BB-4				\$208,276.19	
16	OH/Profit/Economic Factor			20%	\$41,655.24	
17	Building BB-4 Total (Alt. No. 1)				\$249,931.43	
18						
19	Alternate Bid No. 2 Add					
20						
21	Building BB-2				\$229,480.91	
22	OH/Profit/Economic Factor			20%	\$45,896.18	
23	Building BB-2 Total (Alt. No. 2)				\$275,377.09	
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PROJECT: Water Heater Replacement, Site & Building Improvements						
OWNER: Pike County Housing Authority				A/E PROJECT No. : 2106		
COST ESTIMATE WORKSHEET				DATE: 3/23/22		
				BY: JCB		
				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
1	IL-71-1/Barry (Water Heaters)					
2						
3	Remove Electric Water Heaters	21	ea	\$125.00	\$2,625.00	
4	Remove Unit Shut-Off Valve	21	ea	\$50.00	\$1,050.00	
5	New Electric Water Heater	21	ea	\$1,050.00	\$22,050.00	
6	New Unit Shut-Off Valve	21	ea	\$125.00	\$2,625.00	
7	New Water Heater Shut-Off Valve	21	ea	\$75.00	\$1,575.00	
8	New Expansion Tank	21	ea	\$150.00	\$3,150.00	
9	IL-71-1/Barry Subtotal				\$33,075.00	\$33,075.00
10						
11	IL-71-2/Barry (Water Heaters)					
12	Remove Electric Water Heaters	6	ea	\$125.00	\$750.00	
13	Remove Unit Shut-Off Valve	6	ea	\$50.00	\$300.00	
14	New Electric Water Heater	6	ea	\$1,050.00	\$6,300.00	
15	New Unit Shut-Off Valve	6	ea	\$125.00	\$750.00	
16	New Water Heater Shut-Off Valve	6	ea	\$75.00	\$450.00	
17	New Expansion Tank	6	ea	\$150.00	\$900.00	
18	IL-71-2/Barry Subtotal				\$9,450.00	9,450.00
19						
20	IL-71-3/Pleasant Hill (Water Heaters)					
21	Remove Electric Water Heaters	8	ea	\$125.00	\$1,000.00	
22	Remove Unit Shut-Off Valve	8	ea	\$50.00	\$400.00	
23	New Electric Water Heater	8	ea	\$1,050.00	\$8,400.00	
24	New Unit Shut-Off Valve	8	ea	\$125.00	\$1,000.00	
25	New Water Heater Shut-Off Valve	8	ea	\$75.00	\$600.00	
26	New Expansion Tank	8	ea	\$150.00	\$1,200.00	
27	IL-71-3/Pleasant Hill Subtotal				\$12,600.00	\$12,600.00
28						
29	IL-71-4/Griggsville (Water Heaters)					
30	Remove Electric Water Heaters	12	ea	\$125.00	\$1,500.00	
31	Remove Unit Shut-Off Valve	12	ea	\$50.00	\$600.00	
32	New Electric Water Heater	12	ea	\$1,050.00	\$12,600.00	
33	New Unit Shut-Off Valve	12	ea	\$125.00	\$1,500.00	
34	New Water Heater Shut-Off Valve	12	ea	\$75.00	\$900.00	
35	New Expansion Tank	12	ea	\$150.00	\$1,800.00	
36	IL-71-4/Griggsville Subtotal				\$18,900.00	\$18,900.00
37						
38	IL-71-5/Perry (Water Heaters)					
39	Remove Electric Water Heaters	7	ea	\$125.00	\$875.00	
40	Remove Unit Shut-Off Valve	7	ea	\$50.00	\$350.00	
41	New Electric Water Heater	7	ea	\$1,050.00	\$7,350.00	
42	New Unit Shut-Off Valve	7	ea	\$125.00	\$875.00	
43	New Water Heater Shut-Off Valve	7	ea	\$75.00	\$525.00	
44	New Expansion Tank	7	ea	\$150.00	\$1,050.00	
45	IL-71-5/Perry Subtotal				\$11,025.00	\$11,025.00
46						
47	IL-71-6/Baylis (Water Heaters)					
48	Remove Electric Water Heaters	3	ea	\$125.00	\$375.00	
49	Remove Unit Shut-Off Valve	3	ea	\$50.00	\$150.00	
50	New Electric Water Heater	3	ea	\$1,050.00	\$3,150.00	
51	New Unit Shut-Off Valve	3	ea	\$125.00	\$375.00	
52	New Water Heater Shut-Off Valve	3	ea	\$75.00	\$225.00	
53	New Expansion Tank	3	ea	\$150.00	\$450.00	
54	IL-71-6/Baylis Subtotal				\$4,725.00	\$4,725.00
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PROJECT: Water Heater Replacement, Site & Building Improvements				 EGGEMEYER ASSOCIATES ARCHITECTS		
OWNER: Pike County Housing Authority				A/E PROJECT No. : 2106	BY: JCB	
COST ESTIMATE WORKSHEET				DATE: 3/23/22	SHEET:	
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
61	IL-71-9/Pittsfield (Water Heaters)					
62	Remove Gas Water Heaters	53	ea	\$125.00	\$6,625.00	
63	Remove Unit Shut-Off Valve	33	ea	\$50.00	\$1,650.00	
64	New Gas Water Heater	53	ea	\$953.00	\$50,509.00	
65	New Unit Shut-Off Valve	33	ea	\$125.00	\$4,125.00	
66	New Water Heater Shut-Off Valve	53	ea	\$75.00	\$3,975.00	
67	New Expansion Tank	53	ea	\$150.00	\$7,950.00	
68	Temporarily Remove Water Heater Reinstall	9	ea	\$350.00	\$3,150.00	
69	IL-71-9/Pittsfield Subtotal				\$77,984.00	\$77,984.00
70						
71	IL-71-10/Barry (Water Heaters)					
72	Remove Electric Water Heaters	13	ea	\$125.00	\$1,625.00	
73	Remove Unit Shut-Off Valve	13	ea	\$50.00	\$650.00	
74	New Electric Water Heater	13	ea	\$1,050.00	\$13,650.00	
75	New Unit Shut-Off Valve	13	ea	\$125.00	\$1,625.00	
76	New Water Heater Shut-Off Valve	13	ea	\$75.00	\$975.00	
77	New Expansion Tank	13	ea	\$150.00	\$1,950.00	
78	IL-71-10/Barry Subtotal				\$20,475.00	\$20,475.00
79						
80	IL-71-14/New Canton (Water Heaters)					
81	Remove Gas Water Heaters	8	ea	\$125.00	\$1,000.00	
82	Remove Unit Shut-Off Valve	8	ea	\$50.00	\$400.00	
83	New Gas Water Heater	8	ea	\$953.00	\$7,624.00	
84	New Unit Shut-Off Valve	8	ea	\$125.00	\$1,000.00	
85	New Water Heater Shut-Off Valve	8	ea	\$75.00	\$600.00	
86	New Expansion Tank	8	ea	\$150.00	\$1,200.00	
87	IL-71-14/New Canton Subtotal				\$11,824.00	\$11,824.00
88						
89						
90	IL-71-15/Pittsfield (Water Heaters)					
91	Remove Electric Water Heaters	10	ea	\$125.00	\$1,250.00	
92	Remove Unit Shut-Off Valve	20	ea	\$50.00	\$1,000.00	
93	New Electric Water Heater	10	ea	\$1,050.00	\$10,500.00	
94	New Unit Shut-Off Valve	20	ea	\$125.00	\$2,500.00	
95	New Water Heater Shut-Off Valve	10	ea	\$75.00	\$750.00	
96	New Expansion Tank	10	ea	\$150.00	\$1,500.00	
97	IL-71-15/Pittsfield Subtotal				\$17,500.00	\$17,500.00
98						
99	Water Heater Total					\$217,558.00
100						
101	IL-71-1/Barry (Site Work)					
102	Install new site signage	4	ea	\$2,500.00	\$10,000.00	
103	Lighting for Signage	8	ea	\$175.00	\$1,400.00	
104	Remove trees	4	ea	\$1,500.00	\$6,000.00	
105	New Trees	6	ea	\$400.00	\$2,400.00	
106	Remove Existing Sign	1	ea	\$500.00	\$500.00	
107	IL-71-1/Barry Site Subtotal				\$20,300.00	\$20,300.00
108						
109	IL-71-2/Barry (Site Work)					
110	Install new site signage	0	ea	\$2,500.00	\$0.00	
111	Lighting for Signage	0	ea	\$175.00	\$0.00	
112	Remove trees	2	ea	\$1,000.00	\$2,000.00	
113	New Trees	2	ea	\$400.00	\$800.00	
114	Remove Existing Sign	0	ea	\$250.00	\$0.00	
115	IL-71-2/Barry Site Subtotal				\$2,800.00	\$2,800.00
116						
117	IL-71-3/Pleasant Hill					
118	Install new site signage	1	ea	\$2,500.00	\$2,500.00	
119	Lighting for Signage	2	ea	\$175.00	\$350.00	
120	Remove trees	1	ea	\$1,000.00	\$1,000.00	


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				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
121	New Trees	6	ea	\$400.00	\$2,400.00	
122	Remove Existing Sign	0	ea	\$250.00	\$0.00	
123	IL-71-3/Pleasant Hill Subtotal				\$6,250.00	\$6,250.00
124						
125	IL-71-4/Griggsville					
126	Install new site signage	2	ea	\$2,500.00	\$5,000.00	
127	Lighting for Signage	4	ea	\$175.00	\$700.00	
128	Remove trees	3	ea	\$1,000.00	\$3,000.00	
129	New Trees	7	ea	\$400.00	\$2,800.00	
130	Replace Address	6	ea	\$100.00	\$600.00	
131	IL-71-4/Griggsville Subtotal				\$12,100.00	\$12,100.00
132						
133	IL-71-5/Perry					
134	Install new site signage	2	ea	\$2,500.00	\$5,000.00	
135	Lighting for Signage	4	ea	\$175.00	\$700.00	
136	Remove trees	1	ea	\$1,000.00	\$1,000.00	
137	New Trees	2	ea	\$400.00	\$800.00	
138	Replace Address	0	ea	\$100.00	\$0.00	
139	IL-71-5/Perry Subtotal				\$7,500.00	\$7,500.00
140						
141	IL-71-6/Baylis					
142	Install new site signage	1	ea	\$2,500.00	\$2,500.00	
143	Lighting for Signage	2	ea	\$175.00	\$350.00	
144	Remove trees	4	ea	\$1,500.00	\$6,000.00	
145	New Trees	7	ea	\$400.00	\$2,800.00	
146	Replace Address	0	ea	\$100.00	\$0.00	
147	IL-71-6/Baylis Subtotal				\$11,650.00	\$11,650.00
148						
149	IL-71-9/Pittsfield					
150	Install new site signage	2	ea	\$2,500.00	\$5,000.00	
151	Lighting for Signage	4	ea	\$175.00	\$700.00	
152	Remove trees	7	ea	\$1,250.00	\$8,750.00	
153	New Trees	5	ea	\$400.00	\$2,000.00	
154	Replace Address	0	ea	\$100.00	\$0.00	
155	IL-71-9/Pittsfield Subtotal				\$16,450.00	\$16,450.00
156						
157	IL-71-10/Barry					
158	Install new site signage	2	ea	\$2,500.00	\$5,000.00	
159	Lighting for Signage	4	ea	\$175.00	\$700.00	
160	Remove trees	0	ea	\$1,000.00	\$0.00	
161	New Trees	0	ea	\$400.00	\$0.00	
162	Replace Address	0	ea	\$100.00	\$0.00	
163	IL-71-10/Barry Subtotal				\$5,700.00	\$5,700.00
164						
165	IL-71-13 & 15/Pittsfield					
166	Install new site signage	1	ea	\$2,500.00	\$2,500.00	
167	Lighting for Signage	2	ea	\$175.00	\$350.00	
168	Remove trees	2	ea	\$1,000.00	\$2,000.00	
169	New Trees	7	ea	\$400.00	\$2,800.00	
170	Replace Address	0	ea	\$100.00	\$0.00	
171	IL-71-13 & 15/Pittsfield Subtotal				\$7,650.00	\$7,650.00
172						
173	IL-71-14/New Canton					
174	Install new site signage	2	ea	\$2,500.00	\$5,000.00	
175	Lighting for Signage	4	ea	\$175.00	\$700.00	
176	Remove trees	1	ea	\$1,000.00	\$1,000.00	
177	New Trees	5	ea	\$400.00	\$2,000.00	
178	Replace Address	3	ea	\$100.00	\$300.00	
179	IL-71-14/New Canton Subtotal				\$9,000.00	\$9,000.00
180	Site Work Subtotal					\$99,400.00
181						


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COST ESTIMATE WORKSHEET				DATE: 3/23/22		
				BY: JCB		
				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
182	IL-71-9/Pittsfield (AA-3 Renovations)					
183	Site					
184	Walk Removal	32	sf	\$2.64	\$84.48	
185	New Concrete Walk	32	sf	\$18.00	\$576.00	
186	New Concrete Condensing Unit Pads	9	sf	\$18.00	\$162.00	
187	Abatement					
188	Abate Gypsum Board Walls	5808	sf	\$2.61	\$15,158.88	
189	Abate Gypsum Board Ceilings	1716	sf	\$2.61	\$4,478.76	
190	Abate Insulation (Ceilings)	1716	sf	\$1.90	\$3,260.40	
191	Abate Insulation (Walls)	1712	sf	\$1.47	\$2,516.64	
192	Decon/Loadout	3	ea	\$700.00	\$2,100.00	
193	Misc.	1	ls	\$500.00	\$500.00	
194	Disposal	1	ls	\$2,300.00	\$2,300.00	
195	Mobilization	1	ls	\$500.00	\$500.00	
196	Demolition					
197	Demo stud walls	170	lf	\$20.00	\$3,400.00	
198	Remove Closet Shelving	8	ea	\$30.00	\$240.00	
199	Remove Wall Cabinets	32	lf	\$16.44	\$526.08	
200	Remove base cabinets	24	lf	\$16.44	\$394.56	
201	Remove Countertops	24	lf	\$14.11	\$338.64	
202	Remove entrance doors	4	ea	\$150.00	\$600.00	
203	Remove storm doors	4	ea	\$50.00	\$200.00	
204	Remove int. doors, frames, trim	8	ea	\$70.00	\$560.00	
205	Remove bifold doors	16	ea	\$50.00	\$800.00	
206	Remove shower base and Surround	4	ea	\$190.00	\$760.00	
207	Remove Water Closet	2	ea	\$72.00	\$144.00	
208	Remove Lavatory	4	ea	\$72.00	\$288.00	
209	Remove Tile	1716	sf	\$3.00	\$5,148.00	
210	Remove Vinyl Base	725	lf	\$2.00	\$1,450.00	
211	Remove Water heater	4	ea	\$137.00	\$548.00	
212	Remove Furnace	4	ea	\$362.00	\$1,448.00	
213	Remove Load Center	4	ea	\$240.00	\$960.00	
214	Remove Ductwork	368	lf	\$4.00	\$1,472.00	
215	Saw-Cut & demo concrete slab	193	sf	\$12.00	\$2,316.00	
216	Hand Excavate Trenches	21	cy	\$66.00	\$1,386.00	
217	Load/Haul Concrete	3	cy	\$25.00	\$75.00	
218	Remove Sewerline	46	lf	\$16.50	\$759.00	
219	Remove excess waterlines	1	ls	\$1,500.00	\$1,500.00	
220	Recept/Switches/Wiring Demo	1	ls	\$4,000.00	\$4,000.00	
221	Remove bathroom accessories	4	ea	\$50.00	\$200.00	
222	Temp Remove Watercloset	2	ea	\$72.00	\$144.00	
223	Renovation					
224	New Entrance Doors	2	ea	\$1,200.00	\$2,400.00	
225	Create New Door Opring	1	ea	\$500.00	\$500.00	
226	New Storm Doors	2	ea	\$450.00	\$900.00	
227	Air Seal Attic Ceiling	1716	sf	\$1.22	\$2,093.52	
228	Attic Insulation - R-48	1716	sf	\$2.41	\$4,135.56	
229	Wall insulation (Spray foam)	1712	sf	\$4.26	\$7,293.12	
230	Gypsum Walls 1/2" Level 4	3680	sf	\$2.05	\$7,544.00	
231	Gypsum Ceilings 5/8" Level 4	1716	sf	\$3.70	\$6,349.20	
232	Gypsum Walls 5/8" type 'x' Level 4	0	sf	\$0.00	\$0.00	
233	Frame new Walls	145	lf	\$20.09	\$2,913.05	
234	VCT (labor only)	1716	sf	\$0.90	\$1,544.40	
235	Vinyl Base (Labor Only)	460	lf	\$1.43	\$657.80	
236	Base Cabinets	11	lf	\$225.00	\$2,475.00	
237	Wall Cabinets	15	lf	\$175.00	\$2,625.00	
238	HPDL	11	lf	\$20.00	\$220.00	
239	Grease Sheilds	1	ea	\$150.00	\$150.00	
240	Countertops	11	lf	\$50.00	\$550.00	
241	Wire Shelving (Labor Only)	114	lf	\$4.00	\$456.00	
242	Wood Shelving	40	lf	\$11.06	\$442.40	
243	Interior swing doors (labor only)	10	ea	\$60.00	\$600.00	

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No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
244	Bi-Fold doors (Labor Only)	2	ea	\$88.00	\$176.00	
245	Paint Walls (Prep/Prime/Paint) Labor Only	3680	sf	\$1.22	\$4,489.60	
246	Bathroom Accessories	2	ea	\$544.00	\$1,088.00	
247	Paint Ceilings (Prep/Prime/Paint) Labor only	1716	sf	\$1.50	\$2,574.00	
248	Haulings	21	cy	\$25.00	\$525.00	
249	Backfill Trenchs	21	cy	\$62.50	\$1,312.50	
250	Vapor Retarder	193	sf	\$2.74	\$528.82	
251	Concrete Slab Patch (Material)	4	cy	\$322.00	\$1,288.00	
252	Concrete Slab Patch (haul/place)	4	cy	\$30.00	\$120.00	
253	Finish Concrete (Trowel)	193	sf	\$1.51	\$291.43	
254	Cleanouts (4")	2	ea	\$615.00	\$1,230.00	
255	Underslab Sewerline	60	lf	\$46.86	\$2,811.60	
256	Water Heater	1	ea	\$1,050.00	\$1,050.00	
257	Kitchen Sink	1	ea	\$900.00	\$900.00	
258	Shut-off vavles	10	ea	\$80.00	\$800.00	
259	Water Piping (pex)	225	lf	\$6.25	\$1,406.25	
260	Water piping insulation	225	lf	\$6.00	\$1,350.00	
261	Gas piping	80	lf	\$6.60	\$528.00	
262	Water hammer arrestors	13	ea	\$80.00	\$1,040.00	
263	Reinstall Watercloset	2	ea	\$200.00	\$400.00	
264	Install Vanity and top (Labor)	2	ea	\$325.00	\$650.00	
265	Install new shower Surround	2	ea	\$1,500.00	\$3,000.00	
266	Load center (3 wire/100 amp/30 spaces)	1	ea	\$3,500.00	\$3,500.00	
267	Smoke detectors (labor only)	4	ea	\$25.00	\$100.00	
268	Carbon -Monoxide Detectors (Labor Only)	2	ea	\$25.00	\$50.00	
269	Recept/Switches new	60	ea	\$100.00	\$6,000.00	
270	Light fixtures (Labor Only)	17	ea	\$35.00	\$595.00	
271	Reinstall Light Fixtures	2	ea	\$35.00	\$70.00	
272	#12 wire	1	ls	\$3,000.00	\$3,000.00	
273	Service to load center and conduit	80	lf	\$37.50	\$3,000.00	
274	Phone Jack and Line	1	ea	\$250.00	\$250.00	
275	Furnace/Ductwork	1	ea	\$10,000.00	\$10,000.00	
276	Diffusers	12	ea	\$156.00	\$1,872.00	
277	Rangehood	1	ea	\$450.00	\$450.00	
278	Return air grille	1	ea	\$250.00	\$250.00	
279	Infill window siding etc.	1	ea	\$750.00	\$750.00	
280	Install Window Shades (Labor Only)	13	ea	\$20.00	\$260.00	
281	Picture Frame Windows	13	ea	\$250.00	\$3,250.00	
282	New bathtubs	2	ea	\$950.00	\$1,900.00	
283	Central Air	1	ea	\$2,500.00	\$2,500.00	
284	New Tub Surround	2	ea	\$1,200.00	\$2,400.00	
285	Reinstall Shower Base	2	ea	\$350.00	\$700.00	
286	Reinstall Window Snap Trim	13	ea	\$100.00	\$1,300.00	
287	Siding Repair	1	ls	\$500.00	\$500.00	
288	New Entrance Waterline	25	lf	\$15.00	\$375.00	
289	Ecavate/Bachfill for Exterior Waterline	7	cy	\$77.00	\$569.80	
290	Exterior water valve	1	ea	\$500.00	\$500.00	
291	Building AA-3 Subtotal				\$176,844.49	
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				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
301	Alternate Bid No. 1					
302	IL-71-9/Pittsfield (BB-4 Renovations)					
303						
304	Site					
305	Walk Removal	0	sf	\$2.64	\$0.00	
306	New Concrete Walk	0	sf	\$18.00	\$0.00	
307	New Concrete Condensing Unit Pads	9	sf	\$18.00	\$162.00	
308	Abatement					
309	Abate Gypsum Board Walls	7370	sf	\$2.61	\$19,235.70	
310	Abate Gypsum Board Ceilings	2041	sf	\$2.61	\$5,327.01	
311	Abate Insulation (Ceilings)	2041	sf	\$1.90	\$3,877.90	
312	Abate Insulation (Walls)	1960	sf	\$1.47	\$2,881.20	
313	Decon/Loadout	3	ea	\$700.00	\$2,100.00	
314	Misc.	1	ls	\$750.00	\$750.00	
315	Disposal	1	ls	\$2,500.00	\$2,500.00	
316	Mobilization	1	ls	\$500.00	\$500.00	
317	Demolition					
318	Demo stud walls	225	lf	\$20.00	\$4,500.00	
319	Remove Closet Shelving	32	ea	\$30.00	\$960.00	
320	Remove Wall Cabinets	58	lf	\$16.44	\$953.52	
321	Remove base cabinets	35	lf	\$16.44	\$575.40	
322	Remove Countertops	35	lf	\$14.11	\$493.85	
323	Remove entrance doors	4	ea	\$150.00	\$600.00	
324	Remove storm doors	4	ea	\$50.00	\$200.00	
325	Remove int. doors, frames, trim	8	ea	\$70.00	\$560.00	
326	Remove bifold doors	16	ea	\$50.00	\$800.00	
327	Remove shower base and Surround	4	ea	\$190.00	\$760.00	
328	Remove Water Closet	2	ea	\$72.00	\$144.00	
329	Remove Lavatory	4	ea	\$72.00	\$288.00	
330	Remove Tile	2041	sf	\$3.00	\$6,123.00	
331	Remove Vinyl Base	921	lf	\$2.00	\$1,842.00	
332	Remove Water heater	4	ea	\$137.00	\$548.00	
333	Remove Furnace	4	ea	\$362.00	\$1,448.00	
334	Remove Load Center	4	ea	\$240.00	\$960.00	
335	Remove Ductwork	527	lf	\$4.00	\$2,108.00	
336	Saw-Cut & demo concrete slab	243	sf	\$12.00	\$2,916.00	
337	Hand Excavate Trenchs	27	cy	\$66.00	\$1,782.00	
338	Load/Haul Concrete	3	cy	\$25.00	\$75.00	
339	Remove Sewerline	46	lf	\$16.50	\$759.00	
340	Remove excess waterlines	1	ls	\$1,750.00	\$1,750.00	
341	Recept/Switches/Wiring Demo	1	ls	\$4,000.00	\$4,000.00	
342	Remove bathroom accessories	4	ea	\$50.00	\$200.00	
343	Temp Remove Watercloset	2	ea	\$72.00	\$144.00	
344	Renovation					
345	New Entrance Doors	2	ea	\$1,200.00	\$2,400.00	
346	Create New Door Opring	1	ea	\$500.00	\$500.00	
347	New Storm Doors	2	ea	\$450.00	\$900.00	
348	Air Seal Attic Ceiling	2041	sf	\$1.22	\$2,490.02	
349	Attic Insulation - R-48	2041	sf	\$2.41	\$4,918.81	
350	Wall insulation (Spray foam)	1960	sf	\$4.26	\$8,349.60	
351	Gypsum Walls 1/2" Level 4	6024	sf	\$2.05	\$12,349.20	
352	Gypsum Ceilings 5/8" Level 4	2041	sf	\$3.70	\$7,551.70	
353	Gypsum Walls 5/8" type 'x' Level 4	0	sf	\$0.00	\$0.00	
354	Frame new Walls	204	lf	\$20.09	\$4,098.36	
355	VCT (labor only)	2041	sf	\$0.90	\$1,836.90	
356	Vinyl Base (Labor Only)	753	lf	\$1.43	\$1,076.79	
357	Base Cabinets	20	lf	\$225.00	\$4,500.00	
358	Wall Cabinets	17	lf	\$175.00	\$2,975.00	
359	HPDL	17	lf	\$20.00	\$340.00	
360	Grease Sheilds	1	ea	\$150.00	\$150.00	
361	Countertops	20	lf	\$50.00	\$1,000.00	
362	Wire Shelving (Labor Only)	120	lf	\$4.00	\$480.00	

PROJECT: Water Heater Replacement, Site & Building Improvements				 EGGEMEYER ASSOCIATES ARCHITECTS		
OWNER: Pike County Housing Authority				A/E PROJECT No. : 2106		
COST ESTIMATE WORKSHEET				DATE: 3/23/22		
				BY: JCB		
				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
363	Wood Shelving	44	lf	\$11.06	\$486.64	
364	Interior swing doors (labor only)	12	ea	\$60.00	\$720.00	
365	Bi-Fold doors (Labor Only)	3	ea	\$88.00	\$264.00	
366	Paint Walls (Prep/Prime/Paint) Labor Only	6024	sf	\$1.22	\$7,349.28	
367	Bathroom Accessories	2	ea	\$544.00	\$1,088.00	
368	Paint Ceilings (Prep/Prime/Paint) Labor only	2041	sf	\$1.50	\$3,061.50	
369	Haulings	27	cy	\$25.00	\$675.00	
370	Backfill Trenchs	27	cy	\$62.50	\$1,687.50	
371	Vapor Retarder	243	sf	\$2.74	\$665.82	
372	Concrete Slab Patch (Material)	3	cy	\$322.00	\$966.00	
373	Concrete Slab Patch (haul/place)	3	cy	\$30.00	\$90.00	
374	Finish Concrete (Trowel)	243	sf	\$1.51	\$366.93	
375	Cleanouts (4")	2	ea	\$615.00	\$1,230.00	
376	Underslab Sewerline	66	lf	\$46.86	\$3,092.76	
377	Water Heater	1	ea	\$1,050.00	\$1,050.00	
378	Kitchen Sink	1	ea	\$900.00	\$900.00	
379	Shut-off vavles	10	ea	\$80.00	\$800.00	
380	Water Piping (pex)	286	lf	\$6.25	\$1,787.50	
381	Water piping insulation	286	lf	\$6.00	\$1,716.00	
382	Gas piping	93	lf	\$6.60	\$613.80	
383	Water hammer arrestors	13	ea	\$80.00	\$1,040.00	
384	Reinstall Watercloset	2	ea	\$200.00	\$400.00	
385	Install Vanity and top (Labor)	2	ea	\$325.00	\$650.00	
386	Install new shower Surround	2	ea	\$1,500.00	\$3,000.00	
387	Load center (3 wire/100 amp/30 spaces)	1	ea	\$3,500.00	\$3,500.00	
388	Smoke detectors (labor only)	5	ea	\$25.00	\$125.00	
389	Carbon -Monoxide Detectors (Labor Only)	2	ea	\$25.00	\$50.00	
390	Recept/Switches new	75	ea	\$100.00	\$7,500.00	
391	Light fixtures (Labor Only)	20	ea	\$35.00	\$700.00	
392	Reinstall Light Fixtures	2	ea	\$35.00	\$70.00	
393	#12 wire	1	ls	\$3,500.00	\$3,500.00	
394	Service to load center and conduit	90	lf	\$37.50	\$3,375.00	
395	Phone Jack and Line	1	ea	\$250.00	\$250.00	
396	Furnace/Ductwork	1	ea	\$12,000.00	\$12,000.00	
397	Diffusers	12	ea	\$156.00	\$1,872.00	
398	Rangehood	1	ea	\$450.00	\$450.00	
399	Return air grille	1	ea	\$250.00	\$250.00	
400	Infill window siding etc.	0	ea	\$750.00	\$0.00	
401	Install Window Shades (Labor Only)	14	ea	\$20.00	\$280.00	
402	Picture Frame Windows	14	ea	\$250.00	\$3,500.00	
403	New bathtubs	1	ea	\$950.00	\$950.00	
404	Central Air	1	ea	\$3,000.00	\$3,000.00	
405	New Tub Surround	1	ea	\$1,200.00	\$1,200.00	
406	Reinstall Shower Base	1	ea	\$350.00	\$350.00	
407	Reinstall Window Snap Trim	14	ea	\$100.00	\$1,400.00	
408	Siding Repair	1	ls	\$500.00	\$500.00	
409	New Entrance Waterline	6	lf	\$15.00	\$90.00	
410	Ecavate/Bachfill for Exterior Waterline	6	cy	\$77.00	\$423.50	
411	Exterior water valve	1	ea	\$500.00	\$500.00	
412	Building BB-4 Subtotal				\$208,276.19	
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PROJECT: Water Heater Replacement, Site & Building Improvements						
OWNER: Pike County Housing Authority				A/E PROJECT No. : 2106		
COST ESTIMATE WORKSHEET				DATE: 3/23/22		
				BY: JCB		
				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
421	Alternate Bid No. 2					
422	IL-71-9/Pittsfield (BB-2 Renovations)					
423						
424	Site					
425	Walk Removal	0	sf	\$2.64	\$0.00	
426	New Concrete Stoops	2	ea	\$2,000.00	\$4,000.00	
427	New Concrete Condensing Unit Pads	18	sf	\$18.00	\$324.00	
428	Abatement					
429	Abate Gypsum Board Walls	7370	sf	\$2.61	\$19,235.70	
430	Abate Gypsum Board Ceilings	2041	sf	\$2.61	\$5,327.01	
431	Abate Insulation (Ceilings)	2041	sf	\$1.90	\$3,877.90	
432	Abate Insulation (Walls)	1960	sf	\$1.47	\$2,881.20	
433	Decon/Loadout	3	ea	\$700.00	\$2,100.00	
434	Misc.	1	ls	\$750.00	\$750.00	
435	Disposal	1	ls	\$2,500.00	\$2,500.00	
436	Mobilization	1	ls	\$500.00	\$500.00	
437	Demolition					
438	Demo stud walls	235	lf	\$20.00	\$4,700.00	
439	Remove Closet Shelving	32	ea	\$30.00	\$960.00	
440	Remove Wall Cabinets	58	lf	\$16.44	\$953.52	
441	Remove base cabinets	35	lf	\$16.44	\$575.40	
442	Remove Countertops	35	lf	\$14.11	\$493.85	
443	Remove entrance doors	4	ea	\$150.00	\$600.00	
444	Remove storm doors	4	ea	\$50.00	\$200.00	
445	Remove int. doors, frames, trim	8	ea	\$70.00	\$560.00	
446	Remove bifold doors	16	ea	\$50.00	\$800.00	
447	Remove shower base and Surround	4	ea	\$190.00	\$760.00	
448	Remove Water Closet	2	ea	\$72.00	\$144.00	
449	Remove Lavatory	4	ea	\$72.00	\$288.00	
450	Remove Tile	2041	sf	\$3.00	\$6,123.00	
451	Remove Vinyl Base	921	lf	\$2.00	\$1,842.00	
452	Remove Water heater	4	ea	\$137.00	\$548.00	
453	Remove Furnace	4	ea	\$362.00	\$1,448.00	
454	Remove Load Center	4	ea	\$240.00	\$960.00	
455	Remove Ductwork	527	lf	\$4.00	\$2,108.00	
456	Saw-Cut & demo concrete slab	190	sf	\$12.00	\$2,280.00	
457	Hand Excavate Trenches	21	cy	\$66.00	\$1,386.00	
458	Load/Haul Concrete	3	cy	\$25.00	\$62.50	
459	Remove Sewerline	46	lf	\$16.50	\$759.00	
460	Remove excess waterlines	1	ls	\$1,750.00	\$1,750.00	
461	Recept/Switches/Wiring Demo	1	ls	\$4,000.00	\$4,000.00	
462	Remove bathroom accessories	4	ea	\$50.00	\$200.00	
463	Temp Remove Watercloset	2	ea	\$72.00	\$144.00	
464	Renovation					
465	New Entrance Doors	4	ea	\$1,200.00	\$4,800.00	
466	Create New Door Opring	2	ea	\$500.00	\$1,000.00	
467	New Storm Doors	4	ea	\$450.00	\$1,800.00	
468	Air Seal Attic Ceiling	2041	sf	\$1.22	\$2,490.02	
469	Attic Insulation - R-48	2041	sf	\$2.41	\$4,918.81	
470	Wall insulation (Spray foam)	1960	sf	\$4.26	\$8,349.60	
471	Gypsum Walls 1/2" Level 4	5225	sf	\$2.05	\$10,711.25	
472	Gypsum Ceilings 5/8" Level 4	2041	sf	\$3.70	\$7,551.70	
473	Gypsum Walls 5/8" type 'x' Level 4	384	sf	\$3.00	\$1,152.00	
474	Frame new Walls	204	lf	\$20.09	\$4,098.36	
475	VCT (labor only)	2041	sf	\$0.90	\$1,836.90	
476	Vinyl Base (Labor Only)	653	lf	\$1.43	\$933.79	
477	Base Cabinets	30	lf	\$225.00	\$6,750.00	
478	Wall Cabinets	35	lf	\$175.00	\$6,125.00	
479	HPDL	30	lf	\$20.00	\$600.00	
480	Grease Sheilds	2	ea	\$150.00	\$300.00	
481	Countertops	30	lf	\$50.00	\$1,500.00	
482	Wire Shelving (Labor Only)	120	lf	\$4.00	\$480.00	

PROJECT: Water Heater Replacement, Site & Building Improvements						
OWNER: Pike County Housing Authority				A/E PROJECT No. : 2106		
COST ESTIMATE WORKSHEET				DATE: 3/23/22		
				BY: JCB		
				SHEET:		
No.	DESCRIPTION	QTY.	UNIT	COSTS		NOTES
				UNIT	TOTAL	
483	Wood Shelving	44	lf	\$11.06	\$486.64	
484	Interior swing doors (labor only)	12	ea	\$60.00	\$720.00	
485	Bi-Fold doors (Labor Only)	3	ea	\$88.00	\$264.00	
486	Paint Walls (Prep/Prime/Paint) Labor Only	5225	sf	\$1.22	\$6,374.50	
487	Bathroom Accessories	2	ea	\$544.00	\$1,088.00	
488	Paint Ceilings (Prep/Prime/Paint) Labor only	2041	sf	\$1.50	\$3,061.50	
489	Haulings	3	cy	\$25.00	\$75.00	
490	Backfill Trenchs	21	cy	\$62.50	\$1,312.50	
491	Vapor Retarder	190	sf	\$2.74	\$520.60	
492	Concrete Slab Patch (Material)	3	cy	\$322.00	\$966.00	
493	Concrete Slab Patch (haul/place)	3	cy	\$30.00	\$90.00	
494	Finish Concrete (Trowel)	190	sf	\$1.51	\$286.90	
495	Cleanouts (4")	2	ea	\$615.00	\$1,230.00	
496	Underslab Sewerline	46	lf	\$46.86	\$2,155.56	
497	Water Heater	2	ea	\$1,050.00	\$2,100.00	
498	Kitchen Sink	2	ea	\$900.00	\$1,800.00	
499	Shut-off vavles	10	ea	\$80.00	\$800.00	
500	Water Piping (pex)	120	lf	\$6.25	\$750.00	
501	Water piping insulation	120	lf	\$6.00	\$720.00	
502	Gas piping	92	lf	\$6.60	\$607.20	
503	Water hammer arrestors	16	ea	\$80.00	\$1,280.00	
504	Reinstall Watercloset	2	ea	\$200.00	\$400.00	
505	Install Vanity and top (Labor)	2	ea	\$325.00	\$650.00	
506	Install new shower Surround	2	ea	\$1,500.00	\$3,000.00	
507	Load center (3 wire/100 amp/30 spaces)	1	ea	\$3,500.00	\$3,500.00	
508	Smoke detectors (labor only)	4	ea	\$25.00	\$100.00	
509	Carbon -Monoxide Detectors (Labor Only)	4	ea	\$25.00	\$100.00	
510	Recept/Switches new	70	ea	\$100.00	\$7,000.00	
511	Light fixtures (Labor Only)	20	ea	\$35.00	\$700.00	
512	Reinstall Light Fixtures	2	ea	\$35.00	\$70.00	
513	#12 wire	1	ls	\$3,500.00	\$3,500.00	
514	Service to load center and conduit	120	lf	\$37.50	\$4,500.00	
515	Phone Jack and Line	2	ea	\$250.00	\$500.00	
516	Furnace/Ductwork	2	ea	\$10,000.00	\$20,000.00	
517	Diffusers	16	ea	\$156.00	\$2,496.00	
518	Rangehood	2	ea	\$450.00	\$900.00	
519	Return air grille	2	ea	\$250.00	\$500.00	
520	Infill window siding etc.	0	ea	\$750.00	\$0.00	
521	Install Window Shades (Labor Only)	12	ea	\$20.00	\$240.00	
522	Picture Frame Windows	12	ea	\$250.00	\$3,000.00	
523	New bathtubs	0	ea	\$950.00	\$0.00	
524	Central Air	2	ea	\$3,000.00	\$6,000.00	
525	New Tub Surround	0	ea	\$1,200.00	\$0.00	
526	Reinstall Shower Base	2	ea	\$350.00	\$700.00	
527	Reinstall Window Snap Trim	12	ea	\$100.00	\$1,200.00	
528	Siding Repair	1	ls	\$500.00	\$500.00	
529	New Entrance Waterline	26	lf	\$15.00	\$390.00	
530	Ecavate/Bachfill for Exterior Waterline	4	cy	\$77.00	\$308.00	
531	Exterior water valve	2	ea	\$500.00	\$1,000.00	
532	Building BB-2 Subtotal				\$229,480.91	
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