

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
Completed									
Permanent									
					\$ -		\$ -		
Completed - Permanent Total							\$ -		
Non-Permanent									
					\$ -		\$ -		
Completed - Non-Permanent Total							\$ -		
Uncompleted									
Permanent									
Division 01 General Requirements									
Etta Morris Senior Citizens Center									
1	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new air cooled chiller device)	01 540 950 0100	2.00	Day	\$ 1,375.00	1.00	\$ 2,750.00		Eligible - Not used in 50% Repair/Replace
Sanchez Multi-Service Center									
Byrd Copelin Gym									
2	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new condensing units)	01 540 950 0100	1.00	Day	\$ 1,016.60	1.00	\$ 1,016.60		Eligible - Not used in 50% Repair/Replace
3	Construction Aids, Rolling towers, complete incl. wheels, railings, outriggers, 21' high, rent/month	01540 755 4400	1.00	EA	\$ 184.00	1.00	\$ 184.00		Eligible - Not used in 50% Repair/Replace
Division 02 Site Construction									
Etta Morris Senior Citizens Center									
4	Selective Demolition, Rubbish Hauling, Dumpster, weekly rental, 1 dump/week, 30 CY capacity (10 Tons)	02200 350 0800	2.00	Week	\$ 1,350.00	1.00	\$ 2,700.00	\$ 2,741.20	Eligible - Not used in 50% Repair/Replace
5	Fence, Wood Rail, Stockage, No. 2 Cedar, Treated Wood Rails, 6' high	02820 520 1200	36.00	LF	\$ 14.90	1.00	\$ 536.40	\$ 512.06	Eligible - Not used in 50% Repair/Replace
6	Fence, Wood Rail, Stockage, No. 2 Cedar, Treated Wood Rails, 6' high	02820 520 1200	60.00	LF	\$ 14.90	1.00	\$ 894.00	\$ 762.05	Eligible - Not used in 50% Repair/Replace
Sanchez Multi-Service Center									
7	Selective Demolition, Rubbish Hauling, Dumpster, weekly rental, 1 dump/week, 30 CY capacity (10 Tons)	02200 350 0800	3.00	Week	\$ 1,350.00	1.00	\$ 4,050.00	\$ 1,995.00	Eligible - Not used in 50% Repair/Replace
8	Remove chain link fence at equipment enclosures, including posts	02220 420 0675	110.00	LF	\$ 3.55	1.00	\$ 390.50	\$ 1,100.00	Eligible - Not used in 50% Repair/Replace
9	Chain link fence at equipment enclosures, 6 feet, including new posts, top and bottom rails, and footings, all gal steel	02820 140 0100	110.00	SF	\$ 1.25	1.00	\$ 137.50	\$ 4,950.00	Eligible - Not used in 50% Repair/Replace
Byrd Copelin Gym									

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10	Selective Demolition, Rubbish Hauling, Dumpster, weekly rental, 1 dump/week, 30 CY capacity (10 Tons)	02200 350 0800	3.00	Week	\$ 1,350.00	1.00	\$ 4,050.00	\$ 4,111.80	Eligible - Not used in 50% Repair/Replace
11	Remove chain link fence at equipment enclosures, including posts							\$ 2,000.00	Not Damage / Not Used in 50% Repair/Replace
12	Chain link fence at equipment enclosures, 6 feet, posts, top and bottom rails, and footings, all gal st							\$ 9,000.00	Not Damage / Not Used in 50% Repair/Replace
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Check the photos, I suspect it's rusted, some is broken, it's only fencing, but why would one need to "live with" rusted fencing, rust will accelerate it's failure dramatically, anyone that comes in contact with it will get dirty, no active facility could tolerate fencing that rusted.</p> </div>									
Division 03 Concrete									
All Eligible Scope of Work Identified in black and red below will considered in the 50% Repair/Replacement Calculation									
Items covered in Stabilization related to permanent work									
								\$ 981,531.00	
13	Sheet Removal - Shaw Stablization		7140.00	SF			\$ 1,856.40		
14	Ceiling Removal - Shaw Stablization		14,206.00	SF			\$ 4,403.86		
15	Floor Tile Removal - Shaw Stablization		14,513.00	SF			\$ 6,821.11		
16	Cove Base Removal - Shaw Stablization		6,895.00	SF			\$ 1,585.85		
Division 04 Masonry									
Etta Morris Senior Citizens Center									
17	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	(AE) RSMMeans'08 04 01 30.0840 should be 040130200320						\$ 23,175.00	
18	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	04930 2200310	10,300.00	SF	\$ 1.48	1.00	\$ 15,244.00		
Sanchez Multi-Service Center									
19	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	(AE) RSMMeans'08 04 01 30.0840 should be 040130200320						\$ 26,500.00	
20	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	04930 2200310	11,800.00	SF	\$ 1.48	1.00	\$ 17,464.00		
Byrd Copelin Gym									
21	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	(AE) RSMMeans'08 04 01 30.0840						\$ 31,950.00	
22	Cleaning masonry, heavy restoration, chemical, brush and wash, excludes scaffolding, average (interior masonry walls and concrete floors)	04930 2200310	11,800.00	SF	\$ 1.48	1.00	\$ 17,464.00		
23	Replace glass block damaged d utilities for temporary fire station							\$ 140.00	Not damaged by Hurricane
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Now even I a thousand miles away know that FEMA decided at some point to pay for damages caused by rescuers and emergency personel when carrying out their duties, such as the main building doors.</p> </div>									
Division 05 Metals									
Etta Morris Senior Citizens Center									

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24	Metal Restoration and Cleaning		1,000.00	SF	\$ 2.50			\$ 1,500.00	
25	Metal cleaning RLH, steel surface treatment, 250 - 500 SF/Day, wire brush, hand (SSPC-SP2) RLH	05 910 500 6170	1,000.00	SF	\$ 1.02	1.00	\$ 1,020.00		
26	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using 4" dia x 3.14 x 100 LF allowance x 12" for pipe, 12 inch WF columns x 20 cols x 3.5 sf / lf plus 20% allowance for other structural steel such as plates, angles, etc.		1,380.00	SF				\$ 3,105.00	
	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using 4" dia x 3.14 x 100 LF allowance x 12" for pipe, 12 inch WF columns x 20 cols x 3.5 sf / lf plus 20% allowance for other structural steel such as plates, angles, etc.		1,380.00	SF			\$ 3,105.00		
27	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price		1,380.00	SF				\$ 3,174.00	
	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price		1,380.00	SF			\$ 3,174.00		
28	Cold-Formed Metal Framing, Wall assembly, Exterior Stucco,	As identified in CDR	4,500.00	SF	\$ 2.50			\$ 11,250.00	
29	Wall assembly, Exterior Stucco, Demolition	09 060 130 0300	4,500.00	EA	\$ 0.47	1.00	\$ 2,115.00		
30	Selective metals demolition, lightweight framing members, 21 - 40 lb, remove whole or cut up into smaller pieces, excl shoring, bracing, cutting, loading, hauling, dumping	05 060 110 0150	102.00	SF	\$ 4.64	1.00	\$ 473.28		
31	Cold-Formed Metal Framing, Wall assembly, Stucco ext, insulation, interior drywall and paint finish. (Upcharge under non FEMA eligible items for Large Missile Impact Resistance app 120 mph, Cold Formed Steel framing, GFRC panels, insulation, interior	As identified in CDR	4,500.00	SF	\$ 25.00		\$ -	\$ 112,500.00	
32	Cold-Formed Metal Framing, Wall assembly 4500SF/22'H	05 410 400 8610	204.00	LF	\$ 53.00	1.00	\$ 10,812.00		
33	Stucco Mesh	09 220 200 1000			\$ 11.40	1.00			
34	Wall assembly, Stucco exterior	09 220 200 1600	500.00	SY	\$ 11.90	1.00	\$ 5,950.00		
35	Wall assembly insulation	07 210 950 0180	4,500.00	SF	\$ 0.64	1.00	\$ 2,880.00		
36	Wall assembly interior drywall	09 250 700 2050	4,500.00	SF	\$ 1.14	1.00	\$ 5,130.00		
37	Wall Stucco Paint	09 910 700 1400	4,500.00	SF	\$ 0.47	1.00	\$ 2,115.00		
38	Wall assembly paint finish	09 910 920 1240	4,500.00	SF	\$ 0.62	1.00	\$ 2,790.00		
39	Remove fence including posts	(AF) PSMcops/08						\$ 900.00	Eligible codes - Not used in 50% Repair/Replace
40	Ornamental Metal: Picket fence 6 ft wood privacy fencing, new footings							\$ 2,700.00	Eligible codes - Not used in 50% Repair/Replace
41	ADA Repairs: Repair concrete ramp							\$ 700.00	May be eligible under codes - Not used in 50% Repair/Replace

Why would these be eligible only under codes, these aren't fences around openings or at drop offs to protect building users or the public, these are site fences used to delineate and enclose building functions, an outdoor eating and program area, MEP equip and trash areas. All were substantially damaged by being submerged in caustic waters, and from flow of water.

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42	Based on comments in PW's 1801 and 1818, raise all MEP equipment and incoming service meters, disconnects, etc. to above the actual flood level of 10 feet 6 inches. Assume 5 platforms, concrete slabs, steel posts, cross bracing, stairs, chain link fencing, privacy screening where applicable, accoustic louvers where appropriate, additional feeders and piping, lighting and convience outlets for maintainence, etc., total cost app. \$15,000 each, \$75,000 total, Prorate over whole facility: 10,000 sf out of	(AE) RSMeans'08 03 11 13 05 12 23 05 42 13 05 51 19 32 31 19 26 05 00							HMP not calculated in 50% Repair/Replace
Sanchez Multi-Service Center									
43	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using 4" dia x 3.14 x 100 LF allowance x 12" for pipe, 12 inch WF columns x 20 cols x 3.5 sf / lf plus 20% allowance for other structural steel such as plates, angles, etc.		1,066.00	SF				\$ 2,397.60	
44	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using 4" dia x 3.14 x 100 LF allowance x 12" for pipe, 12 inch WF columns x 20 cols x 3.5 sf / lf plus 20% allowance for other structural steel such as plates, angles, etc.		1,066.00	SF			\$ 2,397.60		
45	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price		1,066.00	SF				\$ 2,450.88	
46	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price		1,066.00	SF			\$ 2,450.00		
47	Metal Restoration and Cleaning	As identified in CDR	200.00	SF	\$ 4.55			\$ 910.00	
48	Metal cleaning RLH, steel surface treatment, 250 - 500 SF/Day, wire brush, hand (SSPC-SP2) RLH	05910 500 6170	200.00	SF	\$ 1.02	1.00	\$ 204.00		
49	Cold-Formed Metal Framing, Wall assembly, Exterior Stucco,	As identified in CDR						\$ 14,871.60	
50	Wall assembly, Exterior Stucco, Demolition	09 060 130 0300	6,885.00	SF	\$ 0.47	1.00	\$ 3,235.95		
51	Selective metals demolition, lightweight framing members, 21 - 40 lb, remove whole or cut up into smaller pieces, excl shoring, bracing, cutting, loading, hauling, dumping	05 060 110 0150	120.00	SF	\$ 4.64	1.00	\$ 556.80		
52	Cold-Formed Metal Framing, Wall assembly, Stucco ext, insulation, interior drywall and paint finish. (Upcharge under non FEMA eligible items for Large Missile Impact Resistance app 120 mph, Cold Formed Steel framing, GFRC panels, insulation, interior	As identified in CDR					\$ -	\$ 172,125.00	
53	Cold-Formed Metal Framing, Wall assembly 6886SF/28"H	05 410 400 8610	240.00	LF	\$ 53.00	1.00	\$ 12,720.00		
54	Wall assembly, Stucco exterior	09 220 200 1000	765.00	SY	\$ 11.90	1.00	\$ 9,103.50		
55	Wall assembly, Stucco mesh	09 220 200 1600	765.00	SY	\$ 11.40	1.00	\$ 8,721.00		
56	Wall assembly insulation	07 210 950 0180	6,885.00	SF	\$ 0.64	1.00	\$ 4,406.40		
57	Wall assembly interior drywall	09 250 700 2050	6,855.00	SF	\$ 1.14	1.00	\$ 7,814.70		
58	Wall assembly stucco paint finish	09 910 700 1400	6,885.00	SF	\$ 0.47	1.00	\$ 3,235.95		
59	Wall assembly paint finish	09 910 920 1240	6,855.00	SF	\$ 0.62	1.00	\$ 4,250.10		

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60	Based on comments in PW's 1801 and 1818, raise all MEP equipment and incoming service meters, disconnects, etc. to above the actual flood level of 10 feet 6 inches. Assume 5 platforms, concrete slabs, steel posts, cross bracing, stairs, chain link fencing, privacy screening where applicable, accoustic louvers where appropriate, additional feeders and piping, lighting and convience outlets for maintainence, etc., total cost app. \$15,000 each, \$75,000 total, Prorate over whole facility: 29,600 sf out of 50,000 sf in complex	(AE) RSMMeans'08 03 11 13 05 12 23 05 42 13 05 51 19 32 31 19 26 05 00							HMP not calculated in 50% Repair/Replace
61	ADA Repair: Repair concrete ramps and railings at curbs	(AE) RSMMeans'08 03 01 30.62 0000						\$ 700.00	May be eligible under codes - Not used in 50% Repair/Replace
Byrd Copelin Gym									
62	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using .05% allowance for other structural steel such as	(AE) RSMMeans'08 04 01 30.20 1440	500.00	SF				\$ 1,125.00	
63	Sandblast Structural Steel and CW piping. Was submerged in floodwater. Steel surface treatment, 12.0 lb sand per SF, near white blast, existing coat badly pitted. Job total surface area is calculated using .05% allowance for other structural steel such as partial open web joist cleaning, bottom of steel beams, plates,	(AE) RSMMeans'08 04 01 30.20 1440	500.00	SF			\$ 1,125.00		
64	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price	(AE) RSMMeans'08 09 91 13.42 0190	500.00	SF				\$ 1,150.00	
65	Paint structural steel and piping. Paints and protective coatings, inorganic zinc rich primer, self cure, sprayed, 50% adder for intricate structure is included in unit price	(AE) RSMMeans'08 09 91 13.42 0190	500.00	SF			\$ 1,150.00		
66	Based on comments in PW's 1801 and 1818, raise all MEP equipment and incoming service meters, disconnects, etc. to above the actual flood level of 10 feet 6 inches. Assume 5 platforms, concrete slab footings, steel posts, cross bracing, stairs, chain link fencing, privacy screening where applicable, accoustic louvers where appropriate, additional feeders and piping, lighting and convience outlets for maintainence, etc., total cost app. \$15,000 each, \$75,000 total, Prorate over whole facility: 10,400 sf	(AE) RSMMeans'08 03 11 13 05 12 23 05 42 13 05 51 19 32 31 19 26 05 00							HMP not calculated in 50% Repair/Replace
67	ADA repairs: Repair concrete ramps and railings at curbs	(AE) RSMMeans'08 03 01 30.62 0000						\$ 700.00	May be eligible under codes - Not used in 50% Repair/Replace
Divison 06 Wood & Plastic									
Etta Morris Senior Citizens Center									
68	Rule of Thumb, Kitchen cabinets, not including countertop &	06410 100 9560	16.00	LF	\$ 173.00	1.00	\$ 2,768.00	\$ 2,160.00	
69	Counter top, Stock plastic laminate, 24" wide w/ backsplash,	06415 100 0020	16.00	LF	\$ 21.50	1.00	\$ 344.00	\$ 392.00	

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70	Architectural Woodwork: Lobby area reception desk	6400 (AE) RSMeans'08 12 32 23.15 0050						\$ 13,500.00	
71	Architectural Woodwork: Lobby area reception desk	06 410 100 9560	27.00	LF	\$ 212.91	1.00	\$ 5,748.57		
72	Rough Carpentry Blocking, bracing, backboards, shims, filler, etc. It is very, very, standard to carry rough carpentry allowances in ALL construction work.	(AE) RSMeans'08						\$ 4,000.00	No scope identified
Sanchez Multi-Service Center									
73	Rough Carpentry Blocking, bracing, backboards, shims, filler, etc. It is very, very, standard to carry rough carpentry allowances in ALL construction work.	(AE) RSMeans'08						\$ 1,720.00	No scope identified
Byrd Copelin Gym									
74	Shelving in storage room	06270 200 1600	12.00	LF	\$ 9.65	1.00	\$ 115.80	\$ 129.70	
75	Base Cabinets in concession room	06410 100 1580	1.00	EA	\$ 470.00	1.00	\$ 470.00		
76	Base Cabinets in concession room	06410 100 1580	5.00	EA	\$ 470.00	1.00	\$ 2,350.00	\$ 2,990.40	
77	Counter Top, plastic laminated 24" wide, includes backsplash	06415 100 0020	4.00	LF	\$ 22.50	1.00	\$ 90.00		
78	Counter Top, plastic laminated 24" wide, includes backsplash	06415 100 0020	16.00	LF	\$ 21.50	1.00	\$ 344.00	\$ 504.00	
79	Overhead Cabinets in concession room	(AE) RSMeans'08 12 32 23.15 6100							
80	Overhead Cabinets in concession room	06415 100 4700	9.00	EA	\$ 265.00	1.00	\$ 2,385.00	\$ 2,925.00	
81	Rough Carpentry Blocking, bracing, backboards, shims, filler, etc. It is very, very, standard to carry rough carpentry allowances in ALL construction work.	(AE) RSMeans'08						\$ 750.00	No scope identified
Division 07 Thermal and Moisture Protection									
Etta Morris Senior Citizens Center									
82	Thermal Protection, Fiberglass insulation, wall and ceiling	(AE) RSMeans'08 07 21 13.10 0000	13,400.00	SF				\$ 14,740.00	
83	Thermal Protection, Fiberglass insulation, wall and ceiling	07210 950 0180	13,400.00	SF	\$ 0.64	1.00	\$ 8,576.00		
84	Repair and replace fireproofing on structural steel, all columns, 10% of beams, joists and decks	(AE) RSMeans'08 07 81 16.10 0000	2,270.00	SF				\$ 5,675.00	
Sanchez Multi-Service Center									
85	Replace Missing Roof Vents, Mushroom shape, aluminum	07720 500 0020	4.00	EA	\$ 88.00	1.00	\$ 352.00		
86	Thermal Protection, Fiberglass insulation, wall, over ceiling second floor	(AE) RSMeans'08 07 21 13.10 0000	21,685.00	SF				\$ 37,298.20	
	Thermal Protection, Fiberglass insulation, wall, over ceiling	07210 950 0180	21,685.00	SF	\$ 0.64	1.00	\$ 13,878.40		
87	(Related to removing and replacing cold form metal stud and stucco exterior walls,) remove roof flashings and gravel stop at building perimeter. 070505100010 is General Roof Demo Number. Item consists of Blocking removal \$0.99 per LF, 060505102970 Coping 070505102650 \$1.01 per LF, 1 LF, Base Flashings 070505103001 \$1.37 per SF x 2.5 foot strip at perimeter to allow feathering in of roof patch onto new gravel stop = \$3.42 Tot \$5.33 per LF of perimeter gravel stop	(AE) RSMeans'08 07 05 05.10 0010	100.00	LF	\$ 5.33	Inc	\$ 533.00	\$ 430.00	

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88	(Related to removing and replacing cold form metal stud and stucco exterior walls,) new roof flashings and gravel stop Gravel Stop 077119100900 \$14.62 per LF, roofing, feathered into existing, built up, with gravel 3.5 SF per LF \$8.19, wood blocking 2	(AE) RSMeans'08 07 71 19.10 0010	100.00	LF	\$ 27.27	Inc	\$ 2,727.00	\$ 3,010.00	
89	(Related to removing and replacing cold form metal stud and stucco exterior walls,) patch flat roofing at gravel stop replacement *****Sorry, redundant line item in item above delete this	(AE) RSMeans'08 07 01 50.10 1100	300.00			Inc	\$ 2,580.00	\$ 2,580.00	
90	Decontamination of Toilet Area,spray Use price from Cleaning masonry, heavy restoration, chemical, brush and wash for this line	(AE) RSMeans'08 04 01 30.20 0320	1,600.00	SF	\$ 2.28	Inc	\$ 2,580.00	\$ 1,872.00	
91	No existing fire proofing on structural steel, steel joist, or steel deck. Provide Spray on fireproofing.	(AE) RSMeans'08 07 81 16.10 0000							May be eligible under codes - Not used in 50% Repair/Replace
Byrd Copelin Gym									
92	Demo Edge flashing	07060 110 5000	100.00	EA	\$ 0.54	1.00	\$ 54.00	\$ 430.00	
93	Replace Edge Flashing, North Side, Flashing, including up to 4	07650 600 9320	100.00	SF	\$ 3.67	1.00	\$ 367.00	\$ 3,010.00	
94	Replace Edge Flashing and Concealed Counter Flashing, West	07650 600 9320	168.00	SF	\$ 3.65	1.00	\$ 613.20	\$ 5,779.20	
95	Patch flat roofing. (Related to removal of roof mounted HVAC equipment)	(AE) RSMeans'08 07 01 50.10 1100							A&E Mitigation Column
96	No existing fire proofing on structural steel, steel joist, or steel deck. Provide Spray on fireproofing.	(AE) RSMeans'08 07 81 16.10 0000							May be eligible under codes - Not used in 50% Repair/Replace
Division 08 Doors and Windows									
Etta Morris Senior Citizens Center									
97	Selective Demolition, Doors, Interior, 1 3/8" thick, single, 3' x 7'	08060 110 0500	26.00	EA	\$ 17.05	0.86	\$ 383.01	\$ 1,165.60	
98	Door frames, commerical, hollow metal	(AE) RSMeans'08 08 12 13.13 5400	26.00	EA	\$ 233.67	Inc	\$ 6,075.42	\$ 3,900.00	
	Door frames, commerical, hollow metal, welded		26.00	EA	\$ 460.00	1.00	\$ 11,960.00		
	Door demolition, door frames, metal,	80505102000	26.00	EA	\$ 41.71	Inc	\$ 1,084.46		
99	Wood Doors, Paneled, Interior, Two Panel, Solid, 1 3/8" thick, fir, 3'-0" x 6'-8"	I got a bit confused in door land here, I			445.00	0.86	\$ 9,996.48	\$ 29,140.00	
100	Wood Doors, Paneled, Interior, Two Panel, Solid, 1 3/8" thick, fir, 3'-0" x 6'-8" 081433101380 door \$460.53, Hardware, heavy duty 087120152600 \$582.52, Tot \$1,043.05	This was 080505100500 Should be 081433101380 general door, see note under description for related hardware number	26.00	EA	\$ 1,043.05	Inc	\$ 27,119.30	\$ 4,762.24	
101	Selective Demolition, Storefront and Fixed Windows 40 lights app 3 feet by 4 feet ea. 080808200010 General Windows Demo Number 080505200620 Demo Glass max for large lites / heavy glass \$1.13 per SF, 080505200240 Aluminum Window Frame, up to 25 sf opening, \$0.95 per SF, 060505103188 remove wood blocking at opening perimeter \$0.34 per LF, for 25 SF opening, 5'x5', 20 lf for frame and blocking = \$0.27 per SF of opening, Tot. \$2.35 per SF of opening.	RSMeans '08 08 05 05.20 0010	480.00	SF	\$ 2.35	SF	\$ 1,128.00	\$ 2,064.00	

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102	Replace all windows and storefront below 10 foot 6 inches (upcharge for impact resistant glazing on exterior doors under Mitigation) 084313200700 storefront system \$36.61 per sf, 088856101000 laminated glazing for hurricane resistance rating \$30.21 per sf, 061110022000 2x4 wood blocking avg 10 lf per 20sf opening, \$0.89 per sf, Tot. \$67.71 per sf	(AE) RSMMeans'08 08 43 13.20 0700	480.00	SF	\$ 67.71	Inc	\$ 32,500.80	\$ 28,800.00	
103	Selective Demolition, Doors, Frames, Glass and Metal, Interior and Exterior 080505100010 General Doors Demo Number, 080505200620 Demo Glass max for large lites / heavy glass \$1.13 per SF, 20 sf per door, \$22.60, 080505103900 storefront swing door, \$220.82 per door, 060505103188 remove wood blocking at opening perimeter \$0.34 per LF, for 10 LF, blocking = \$3.40, Tot. \$246.82 per door	(AE) RSMMeans'08 08 05 05.10 0010	15.00	EA	\$ 246.82	Inc	\$ 3,702.30	\$ 1,125.00	
104	Replace Aluminum and glass doors and hardware including closers and hold opens 081316100010 General Metal Door No. 081316101200 \$1,624.24 per pair, 061110022000 2x4 wood blocking avg 10 lf per 20sf opening, \$1.49 per lf \$10.49 per opening, , 088856101000 laminated glazing for hurricane resistance rating \$30.21 per sf 6' x 7' opening, 42 sf, \$1,268.82 per pr, Upcharge for heavy duty hardware 081316101200 \$57 ,Door Sill \$300 6 feet alum plate by AE, Tot. \$3259.49 per pair, \$1,629.75 ea	(AE) RSMMeans'08 08 13 16.10 0010	15.00	EA	\$ 1,629.75	Inc	\$ 24,446.25	\$ 27,750.00	
105	Bifold Closet Doors	(AE) RSMMeans'08 08 14 33.20 2700	6.00	EA				\$ 2,400.00	
	Demo Bifold Closet Doors	08 060 110 0900	6.00	EA	\$ 16.70	1.00	\$ 100.20		
	Bifold Closet Doors		6.00	EA					
106	Folding and coiled wall system (with all due respect to the harried and overworked officials at FEMA, a cursory review of the words would indicate that this is not the same wall systems included in Division 10. This says folded and coiled and slatted, the wall is Division 10 is called accordianed. This building has 3, that is THREE seperate types of movable wall and MEANs lists them in two seperate divisions. Go figure.							\$ 50,000.00	Appears twice - Already in Division 10
Sanchez Multi-Service Center									
107	Replace 12' x 12' Storefront at Rear, Storefront System, Aluminum Frame, clear 3/8" plate glass, incl. 3' x 7' door with hardware (400 sq. ft. max. wall), height to 12' high, commercial grade	08410 140 0500	144.00	SF	\$ 25.00	1.00	\$ 3,600.00	\$ 3,024.00	
108	Replace two 5' x 5' glass panels at Front, Float Glass, 3/8" thick,	08810 260 1600	50.00	SF	\$ 18.05	1.00	\$ 902.50	\$ 1,050.00	
109	Replace two 8' x 6' glass panels at Interior Wall, Float Glass, 3/8"	08810 260 1600	96.00	SF	\$ 18.05	1.00	\$ 1,732.80	\$ 2,016.00	
110	Selective Demolition, Doors, Interior, 1 3/8" thick, single, 3' x 7'	08060 110 0500	70.00	EA	\$ 13.35	1.00	\$ 934.50	\$ 1,193.00	
111	Wood Doors, Paneled, Interior, Two Panel, Solid, 1 3/8" thick, fir,	08210 920 1380	70.00	EA	\$ 505.00	1.00	\$ 35,350.00	\$ 31,150.00	
	Wood Doors, Paneled, Interior, Two Panel, Solid, 1 3/8" thick, fir,							\$ 28,086.00	
	Selective Demolition, Storefront and Fixed Windows App (7) 6 x 6, 6 x 5, (2) 3 x 12, (4) 5 x 6 (2) 3 x 6	(AE) RSMMeans'08 08 12 13.13 5400	510.00	SF			\$ 2,193.00	\$ 2,193.00	
	Replace all windows and storefront below 10 foot 6 inches. Upcharge for impact resistant glazing in Mitigation.	(AE) RSMMeans'08 08 43 13.20 0700 08 81 10.10 2400	510.00	SF			\$ 30,600.00	\$ 30,600.00	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
114	Selective Demolition, Storefront and Fixed Windows at second floor to complete hurricane rated exterior skin (only element not being upgraded as part of FEMA Eligible Storm Damage) 9 lites	RSMMeans '08 08 05 05.20 0000							May be eligible under codes - Not used in 50% Repair/Replace
115	Replace all windows at second floor to complete hurricane rated exterior skin (only element not being upgraded as part of FEMA Eligible Storm Damage)	RSMMeans '08 08 51 13.20 0100							May be eligible under codes - Not used in 50% Repair/Replace
116	Selective Demolition, Doors, Frames	(AE) RSMMeans'08 08 05 05.10 0000	50.00	EA				\$ 1,720.00	
117	Selective Demolition, Doors, Frames	(AE) RSMMeans'08 08 05 05.10 0000	50.00	EA					
118	Door frames, commerical, hollow metal	(AE) RSMMeans'08 08 05 05.20 0000	50.00	EA				\$ 8,600.00	
119	Door frames, commerical, hollow metal	(AE) RSMMeans'08 08 05 05.20 0000	50.00	EA					
120	Selective Demolition, Doors, Frames, Glass and Metal, Interior and Exterior	(AE) RSMMeans'08 08 05 05.10 0000	12.00	EA			\$ 900.00	\$ 900.00	
121	Replace Aluminum and glass doors and hardware including closers and hold opens (upcharge for impact resistant glazing on exterior doors under Mitigation)	(AE) RSMMeans'08 08 13 16.10 0000	12.00	EA				\$ 22,200.00	May be eligible under codes - Not used in 50% Repair/Replace
Byrd Copelin Gym									
122	Door demolition, special doors, overhead, commercial	08360 550 2650	1.00	EA	\$ 166.00	1.00	\$ 166.00	\$ 185.92	
123	Wood Doors, Paneled, Interior, two panel, Solid, 1-3/8"thick, fir, 3'x 6'8"	08210 920 RSMMeans'08 08 14 33.10 1380	8.00	EA				\$ 3,313.60	
124	Replace Rolling Metal Door at Main Entry to Gym, Rolling Service Door, Steel, Manual, 20 ga., including hardware, equivalent to 10'	08360 550 2650	1.00	EA	\$ 1,225.00	1.00	\$ 1,225.00	\$ 1,372.00	
125	Selective Demolition, Doors, Interior, 1 3/8" thick, single, 3' x 7'	08060 110 0500	8.00	EA	\$ 13.00	1.00	\$ 104.00	\$ 150.00	
126	Doors, commerical, steel flush, full panel, hollow core, 1-3/8" thick, 20 ga., 3'-0" x 6'-8"	08110 200 0060	8.00	EA	\$ 335.00	1.00	\$ 2,680.00	\$ 3,001.60	
127	Door hardware, single, interior, heavy use, incl. lever and closer	08710 150 2600	8.00	EA	\$ 565.00	1.00	\$ 4,520.00	\$ 5,062.40	
128	Selective Demolition, Doors, Frames	(AE) RSMMeans'08 08 05 05.10 2000	15.00	EA			\$ 600.00	\$ 600.00	
129	Door frames, commerical, hollow metal, welded at site	(AE) RSMMeans'08 08 12 13.13 5400	15.00	EA			\$ 3,000.00	\$ 3,000.00	
130	Selective Demolition, Doors, Exterior	(AE) RSMMeans'08 08 05 05.10 0200	7.00	EA			\$ 315.00	\$ 315.00	
131	Doors, commerical, steel flush, full panel, heavy duty, exterior type for all doors	(AE) RSMMeans'08 08 13 13.15 0015	7.00	EA			\$ 2,800.00	\$ 2,800.00	
132	Door hardware, mortise locksets inc, heavy duty, for exterior use all doors	(AE) RSMMeans'08 08 71 20.15 2600 08 71 20.42 4020	7.00	EA				\$ 4,200.00	
133	Door Hardware	08 710 150 2250	8.00	EA	\$ 505.00	1.00	\$ 4,040.00		

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
134	Louver demolition, wall, large 230505102992 \$5.24 per SF, 37.5 sf per louver = \$196.50 per louver	(AE) RSMMeans'08 08 05 05.20 0000 Should be 230505102992	9.00	EA	\$ 196.50	Inc	\$ 1,768.50	\$ 1,350.00	
135	New louvers with electcally operating dampers, two motors per unit to central control, large app 6.5 by 5 feet. 089516100010 General Means Louver No. No Means Number for this size louver. Equivalent SF cost from smaller louvers in Means app. \$18 per sf = \$585, AE estimated No Means No. for louver operators, 2 per louver, \$250 ea, \$500 per louver AE estimated, conduit, wiring and controls AE estimates at \$200 per motor, \$400 per louver opening, 061110022000 2x4 wood blocking avg 20 lf per opening, \$0.89 per sf, \$17.80, Total \$1,502.80	(AE) RSMMeans'08 08 95 16.10 0010	9.00	EA	\$ 1,502.80	Inc	\$ 13,525.20	\$ 29,250.00	
Division 09 Finishes									
Etta Morris Senior Citizens Center									
136	Construction Aids, Rolling towers, complete incl. wheels, railings, outriggers, 21' high, rent/month (6 towers)	(AE) RSMMeans'08 01 54 07.55 4400	6.00	Mo				\$ 5,724.00	
137	Selective Demolition, Ceilings, Suspended, mineral fiber, 2' x 4' on suspension system, including system	09060 110 1250	8,800.00	SF	\$ 0.57	0.86	\$ 4,333.82	\$ 4,400.00	
138	Suspended Ceilings, Complete including standard suspension system but not incl. 1-1/2" carrier channels, Mineral Fiber, on	09510 760 0810	8,800.00	SF	\$ 2.24	0.86	\$ 17,031.17	\$ 19,630.00	
139	Selective Demolition, Walls & Partitions, Metal Studs, finish on 2	09060 130 2300	6,220.00	SF	\$ 2.02	0.86	\$ 10,855.64	\$ 13,808.40	
140	Gypsum Board Systems, Partition Wall, Stud Wall, 8' to 12' high, 1/2", interior, gypsum board, std., tape and finish, 2 sides, Installed on and including metal studs, 16" O.C., 25 ga., 3 5/8" wide	09260 100 1000	6,220.00	SF	\$ 3.54	0.86	\$ 19,024.24	\$ 34,210.00	
141	Flooring demolition, tile, ceramic, mud set (walls demolished under other line item)	(AE) RSMMeans'08 09 05 05.20 2020	425.00	SF				\$ 850.00	
	Flooring demolition, tile, ceramic, mud set (walls demolished	09 060 120 2000	425.00	SF	\$ 0.77	1.00	\$ 327.25		
142	Ceramic tile walls toilets	(AE) RSMMeans'08 09 30 13.10 5830	700.00	SF				\$ 8,750.00	
	Ceramic tile walls toilets	09 310 100 5400	700.00	SF	\$ 5.40	1.00	\$ 3,780.00		
143	Ceramic tile, base (Toilets, Kitchen under non FEMA items)	(AE) RSMMeans'08 09 30 13.10 1500	140.00	LF				\$ 1,190.00	
144	Ceramic tile, floors (Toilets and Kitchen under non FEMA items)	(AE) RSMMeans'08 09 30 13.10 3300	425.00	SF				\$ 2,558.50	
145	Resilient Base, Cover, Rubber or Vinyl, 1/8" thick, standard colors,	09651 200 1500	1,244.00	LF	\$ 1.94	0.86	\$ 2,085.14	\$ 2,612.40	
146	Selective Demolition, Walls & Partitions, Toilet Partitions, Hollow	09060 130 3820	27.00	EA	\$ 32.50	1.00	\$ 877.50		
147	Resilient Tile Flooring, Vinyl composition tile, 12" x 12", 3/32" thick,	09658 100 7200	7,900.00	SF	\$ 1.93	0.86	\$ 13,173.41	\$ 23,226.00	
148	Paint doors and Frames, primer and 2 coats, gloss	(AE) RSMMeans'08 09 91 23.35 0140	26.00	EA				\$ 1,950.00	
	Paint doors and Frames, primer and 2 coats, gloss	09910 310 0190	26.00	EA	\$ 48.50	1.00	\$ 1,261.00		
Sanchez Multi-Service Center									

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
162	Resilient Tile Flooring, Vinyl composition tile, 12" x 12", 3/32" thick,	09658 100 7200	14,200.00	SF	\$ 2.15	1.00	\$ 30,530.00	\$ 41,748.00	
163	Resilient Base, Cover, Rubber or Vinyl, 1/8" thick, standard colors,	09651 200 1500	2,000.00	LF	\$ 1.94	1.00	\$ 3,325.00	\$ 3,880.00	
164	Interior Stucco, Metal Lath on metal furring at lobby areas.	(AE) RSMMeans'08 09 24 23.40 0300	2,880.00	SF				\$ 36,000.00	
	Interior Stucco, Metal Lath on metal furring at lobby areas.	(AE) RSMMeans'08 09 24 23.40 0300	320.00	SY	\$ 19.15	1.00	\$ 3,325.00		
165	Exterior Stucco, Metal Lath on Cold Formed Metal Framing (deduct under Additional FEMA to offset new steel framing and	(AE) RSMMeans'08 09 24 23.40 1000	(2,000.00)	SF				\$ (17,200.00)	
166	Paints and Coatings, block, cement, stucco, plaster at lobby and core walls first floor	(AE) RSMMeans'08 09 91 23.72 0200	3,600.00	SF				\$ 4,644.00	
	Paints and Coatings, block, cement, stucco, plaster at lobby and core walls first floor	09 910 920 1240	3,600.00	SF	\$ 0.62	1.00	\$ 3,325.00		
167	Paints and Coatings, second floor, walls, doors, trims: Decontaminate in preperation for painting.	(AE) RSMMeans'08 09 91 03.40 0740	20,000.00	SF				\$ 17,200.00	
	Paints and Coatings, second floor, walls, doors, trims: Decontaminate in preperation for painting.	09 990 910 0730	20,000.00	SF	\$ 0.08	1.00	\$ 3,325.00		
168	Paints and Coatings, second floor, walls, doors, trims.	(AE) RSMMeans'08 09 91 23.35 0140	21,000.00	SF				\$ 27,090.00	
	Paints and Coatings, second floor, walls, doors, trims.	09 910 920 1240	21,000.00	SF	\$ 0.62	1.00	\$ 3,325.00		
Byrd Copelin Gym									
169	Construction Aids, Rolling towers, complete incl. wheels, railings, outriggers, 21' high, rent/month (6 towers)	(AE) RSMMeans'08 01 54 07.55 4400					\$ 5,724.00	\$ 5,724.00	
170	Selective Demolition, Doors, Partition Stainless	09060 130 3820	24.00	EA	\$ 13.00	1.00	\$ 312.00	\$ 451.20	
171	Selective Demolition, Flooring, VCT, 12" x 12"	09060 120 0900	900.00	SF	\$ 0.48	1.00	\$ 432.00	\$ 483.84	
172	Resilient Tile Flooring, Vinyl composition tile, 12" x 12", 3/32" thick,	09658 100 7050	900.00	SF	\$ 2.51	1.00	\$ 2,259.00	\$ 2,646.00	
173	Wood Composition Flooring, for sanding and finishing	09644 100 3000	8,900.00	SF	\$ 2.06	1.00	\$ 18,334.00	\$ 44,001.00	
174	Selective Demolition, Ceilings, Suspended, mineral fiber, 2' x 4' on suspension system, including system	09060 110 1250	1,600.00	SF	\$ 0.40	1.00	\$ 640.00	\$ 912.00	
175	Suspended Ceilings, Complete including standard suspension system but not incl. 1-1/2" carrier channels, Mineral Fiber, on	09510 760 0810	1,600.00	SF	\$ 1.96	1.00	\$ 3,136.00	\$ 3,584.00	
176	Selective Demolition, Ceilings, Suspended, mineral fiber, 2' x 4' on suspension system, not including system	09060 110 1250	1,000.00	SF	\$ 0.40	1.00	\$ 400.00	\$ 570.00	
177	Suspended Ceilings, Complete including standard suspension system but not incl. 1-1/2" carrier channels, Mineral Fiber, on	09510 760 0810	1,000.00	SF	\$ 1.96	1.00	\$ 1,960.00	\$ 2,240.00	
178	Selective Demolition, Walls & Partitions, Metal Studs, Soffits, drywall	90601302300 (AE) RSMMeans'08 09 05 05.30 2300	150.00	SF			\$ 303.00	\$ 303.00	
179	Gypsum Board Systems, Soffits, gypsum board, std., tape and finish, Installed on and including metal studs, 16"O.C., 25 ga., 3	(AE) RSMMeans'08 09 21 16.33 1400	150.00	SF			\$ 531.00	\$ 531.00	
180	Repair wall and floor ceramic tile due to replacement of fixtures and toilet partitions.	(AE) RSMMeans'08 09 30 13.10 5830 09 30 13.10 3300	70.00	SF			\$ 840.00	\$ 840.00	
181	Paints and Coatings, second floor, walls, doors, trims: Decontaminate in preperation for painting.	(AE) RSMMeans'08 09 91 03.40 0740 09 91 23.35 0140	8,000.00	SF			\$ 8,000.00	\$ 8,000.00	
182	Paints and Coatings, second floor, walls, doors, trims: Decontaminate in preperation for painting.	09 990 910 0730	8,000.00	SF	\$ 0.08	1.00	\$ 640.00		

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

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183	Paints and Coatings, walls, doors, etc..	(AE) RSMeans'08 09 91 23.35 0140	8,000.00	SF				\$ 12,000.00	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

ow - Need Clarification / Eligible Red/Black / Blue Not calculated in 50% Repair/Repl

Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
184	Paints and Coatings, walls, doors, etc..	09 910 920 1240	8,000.00	SF	\$ 0.62	1.00	\$ 4,960.00		
185	Metal Restoration and Cleaning	(AE) RSMMeans'08 09 91 03.00 0000	200.00	SF				\$ 910.00	
186	Metal Restoration and Cleaning	05910 500 6170	200.00	SF	\$ 1.02	1.00	\$ 204.00		
Division 10 Specialties									
Etta Morris Senior Citizens Center									
187	Accordian Folding Partition, Vinyl covered, over 150 SF, frame not incl., Commercial, 1.75 lb. per SF, 8' maximum height	10651 100 0400	320.00	SF	\$ 26.00	0.86	\$ 7,188.48	\$ 8,800.00	
188	Selective Demolition, Walls & Partitions, Toilet Partitions, Hollow metal	09060 130 3820 (AE) RSMMeans'08 09 05 05.30 3820	27	EA	\$ 42.50	0.86	\$36.72	\$ 1,147.50	
189	Metal Toilet Compartments, Toilet Partitions, Metal, Cubicles, Floor and ceiling anchored, painted metal	10160 100 1000	27.00	EA	\$ 690.00	0.86	\$ 16,096.32	\$ 19,575.00	
190	Interior Signage, Flexible door sign, adhesive back, w/ Braille, 5/8"	10440 200 1010	31.00	EA	\$ 36.50	0.86	\$ 977.62	\$ 1,286.50	
191	Fire extinguisher cabinets, portable extinguisher, single, steel box, recessed, D.S. glass in door, stainless steel door & frame, 8" x 12"	(AE) RSMMeans'08 10 44 13.53 1000	4.00	EA			\$ 1,032.00	\$ 1,032.00	
192	Remove Adhesives, VCT, Clean and Decontamination of floor slab	(AE) RSMMeans'08 09 05 05.20 0900 04 01 30.20 0320	8,900.00	EA				\$ 10,413.00	See Item # /// in Division 04
193	Toilet Specialties: Mirrors, Toilet Paper Holders, Soap Dispensers, Shelves, Sanitary Napkin Dispenser, Sanitary Napkin Disposal,	(AE) RSMMeans'08 10 28 13.13 0000	36.00	EA			\$ 5,320.00	\$ 5,320.00	
194	Wardrobe and Closet Specialties: Shelf and rod	(AE) RSMMeans'08 10 57 13.19 1300	40.00	LF			\$ 720.00	\$ 720.00	
Sanchez Multi-Service Center									
195	Interior Signage, Flexible door sign, adhesive back, w/ Braille, 5/8"	10440 200 1010	35.00	EA	\$ 39.50	1.00	\$ 1,382.50	\$ 1,277.50	
196	Interior Signage, Flexible door sign, adhesive back, w/ Braille, 5/8"	10440 200 1010	35.00	EA	\$ 39.50	1.00		\$ 730.00	
197	Selective Demolition, Walls & Partitions, Toilet Partitions, Hollow metal	09060 130 3820 (AE) RSMMeans'08 09 05 05.30 3820	35.00	EA				\$ 1,487.50	
198	Metal Toilet Compartments, Toilet Partitions, Metal, Cubicles, Floor and ceiling anchored, painted metal	10160 100 1000	35.00	EA	\$ 690.00	0.86	\$ 20,865.60	\$ 24,150.00	
199	Toilet Specialties: Mirrors, Toilet Paper Holders, Soap Dispensers, Shelves, Sanitary Napkin Dispenser, Sanitary Napkin Disposal,	(AE) RSMMeans'08 10 28 13.13 0000					\$ 6,300.00	\$ 6,300.00	
200	ADA Upgrade: Restroom renovation: Replacement of fixtures, toilet partitions and accessories required due to flood damage and are listed in other lines, this is only for changes to accommodate current ADA standards	(AE) RSMMeans'08 10 28 13.13 0100 22 42 13.40 0100 10 21 13.13 0100							HMP not calculated in 50% Repair/Replace
Byrd Copelin Gym									
201	Interior Signage, Flexible door sign, adhesive back, w/ Braille, 5/8"	10440 200 1010	5.00	EA	\$ 36.50	1.00	\$ 182.50	\$ 207.50	
202	Metal Toilet Compartments, Toilet Partitions, Stainless, 30% for door only (\$1650 x.3 =\$495)	10160 100 1000	24.00	EA	\$ 495.00	1.00	\$ 11,880.00	\$ 13,305.60	
203	Replace two 12' Sq., Exterior, Canvas covered Shade Awning/Pavillions, incl. frame, Awnings, Fabric including acrylic canvas and frame, standard design, Patio/Deck, 12' wide, 12'	10535 050 3010	2.00	EA	\$ 1,900.00	0.00	\$ -	\$ 4,256.00	Eligible - Not used in 50% Repair/Replace
204	New Playground Equipment with allowance of 100 sf of interlocking play surface per piece of equipment	9900						\$ 21,000.00	Eligible - Not used in 50% Repair/Replace

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

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205	Toilet Specialties: Mirrors, Toilet Paper Holders, Soap Dispensers, Shelves, Sanitary Napkin Dispenser, Sanitary Napkin Disposal,	(AE) RSMMeans'08 10 28 13.13 0000						\$ 3,300.00	
206	Toilet Specialties: Mirrors, Toilet Paper Holders, Soap Dispensers, Shelves, Sanitary Napkin Dispenser, Sanitary Napkin Disposal,	(AE) RSMMeans'08 10 28 13.13 0000					\$ 3,300.00		
207	Kitchen Equipment: Refrigerator / Freezer \$750, Dishwasher with SS tub \$650, Microwave Oven \$500. Cabinetry and sink in other	(AE) AE Nos.						\$ 1,900.00	
208	Kitchen Equipment: Refrigerator / Freezer \$750, Dishwasher with SS tub \$650, Microwave Oven \$500. Cabinetry and sink in other	(AE) AE Nos.					\$ 1,900.00		
209	ADA Upgrade: Restroom renovation: Replacement of fixtures, toilet partitions and accessories required due to flood damage and are listed in other lines, this is only for changes to accommodate current ADA standards	(AE) RSMMeans'08 10 28 13.13 0100 22 42 13.40 0100 10 21 13.13 0100							HMP not calculated in 50% Repair/Replace
Division 11 Equipment									
Etta Morris Senior Citizens Center									
210	Vocational Shop Equipment, Kiln, 16 C.F., to 2000 degrees	11520 850 1600	2.00	EA	\$ 2,600.00	0.86	\$ 4,492.80	\$ 5,200.00	
211	Food Service Equipment, 6 burner Range with Oven, Commercial Refrigerator, all SS.	(AE) RSMMeans'08 11 44 13.10 6900 11 41 13.20 0010					\$ 8,000.00	\$ 8,000.00	
212	Food Service Equipment, SS Triple sink with built in 12 foot SS counter, 12 feet wall mounted SS shelving (2 units), SS Counters approx. 18 feet (3 units), Sneeze Guard for 12 foot Serving Line (2	RSMMeans '08 11 44 13.10 9400					\$ 20,000.00	\$ 20,000.00	
213	Food Service Equipment, 20 feet wall mounted metal overhead cabinets (7 units)	RSMMeans '08 11 41 33.20 0010					\$ 2,450.00	\$ 2,450.00	
214	Food Service Equipment, 15 feet pantry shelving, floor mounted, 6 shelves high	(AE) RSMMeans'08 11 41 33.20 0010					\$ 1,500.00	\$ 1,500.00	
215	6 x 3.5 foot Kitchen Range Hood, SS, including exhaust duct, fan and fireproofing	(AE) RSMMeans'08 23 38 13.10 0010					\$ 10,000.00	\$ 10,000.00	
216	Ansel system for kitchen range hood	(AE) RSMMeans'08 23 38 13.10 0010					\$ 4,000.00	\$ 4,000.00	
Sanchez Multi-Service Center									
217	Food Service Equipment, 8 - 10 burner Range with Double Oven, Griddle, Deep Fryer, 24 foot Steam Table / Cold table, (4 units), Dishwasher with built in 12 foot SS counter, Commercial Refrigerator, all SS.	11400 (AE) RSMMeans'08 11 44 13.10 0010 11 44 13.10 5300 11 44 13.10 4750 11 44 16.10 0010 11 48 13.10 0010 11 41 13.20 0010	9.00	EA			\$ 31,104.00	\$ 31,104.00	
218	Food Service Equipment, SS Triple sink with built in 6 foot SS counter, 24 feet wall mounted SS shelving (4 units), SS Counters approx. 48 feet (6 units), Sneeze Guard for 24 foot Serving Line (4 units), 24 foot Tray	RSMMeans '08 11 44 13.10 9400	19.00	EA			\$ 32,832.00	\$ 32,832.00	
219	Food Service Equipment, 24 feet wall mounted metal overhead cabinets (16 units)	RSMMeans '08 11 41 33.20 0010	8.00	EA			\$ 2,419.20	\$ 2,419.20	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
220	Food Service Equipment, 15 feet pantry shelving, floor mounted, 6 shelves high	(AE) RSMeans'08 11 41 33.20 0010	20.00	LF			\$ 1,728.00	\$ 1,728.00	
221	10 x 3.5 foot Kitchen Range Hood, SS, including exhaust duct, fan and fireproofing	(AE) RSMeans'08 23 38 13.10 0010	1.00	EA			\$ 12,960.00	\$ 12,960.00	
222	Ansel system for kitchen range hood	(AE) RSMeans'08 23 38 13.10 0010	1.00	EA			\$ 5,184.00	\$ 5,184.00	
Byrd Copelin Gym									
223	Equipment, scoreboard, basketball one side	11486 700 7500	1.00	EA	\$ 2,900.00	1.00	\$ 2,900.00	\$ 3,248.00	
224	Electrical operator for Basketball backboard	11486 700 1600	6.00	EA	\$ 2,550.00	1.00	\$ 15,300.00	\$ 17,136.00	
225	Bleachers, telescoping manual, to 15 tier	11486 700 3000	220.00	Seat	\$ 105.00	1.00	\$ 23,100.00	\$ 25,872.00	
Division 13 Special Construction									
Etta Morris Senior Citizens Center									
226	Fire Protection, Fire Alarm Control Panel, 8 zone	13720 065 3800	1.00	EA	\$ 2,550.00	0.86	\$ 2,203.20	\$ 2,625.00	
227	Detection & Alarm, Break Glass Station	13720 065 4600	4.00	EA	\$ 118.00	0.86	\$ 407.81	\$ 492.00	
228	Fire Protection, Strobes	13720 065 5600	9.00	EA	\$ 200.00	0.86	\$ 1,555.20	\$ 3,103.00	
229	Fire Protection, Detectors	13720 065 5000	29.00	EA	\$ 99.50	0.86	\$ 2,493.07	\$ 1,863.00	
230	Fire Protection, Wet-Pipe Fire Suppression System, Sprinkler Heads, not incl. supply, Std. Spray, Pendent, 1/2" NPT, 1/2" Orifice	13930 400 3740	58.00	EA	\$ 37.00	0.86	\$ 1,854.14	\$ 2,987.00	
Sanchez Multi-Service Center									
231	Fire Protection, Fire Alarm Control Panel, 12 zone	13720 065 4000	1.00	EA	\$ 3,850.00	1.00	\$ 3,850.00	\$ 3,500.00	
232	Detection & Alarm, Break Glass Station	13720 065 4600	6.00	EA	\$ 120.00	1.00	\$ 720.00	\$ 708.00	
233	Fire Protection, Strobes	13720 065 5600	15.00	EA	\$ 200.00	0.86	\$ 2,592.00	\$ 3,342.50	
234	Fire Protection, Detectors	13720 065 5000	35.00	EA	\$ 98.50	1.00	\$ 3,447.50	\$ 3,000.00	
235	Fire Protection, Wet-Pipe Fire Suppression System, Sprinkler Heads, not incl. supply, Std. Spray, Pendent, 1/2" NPT, 1/2" Orifice	13930 400 3740	70.00	EA	\$ 37.00	0.86	\$ 2,237.76	\$ 2,590.00	
236	Water Coolers	(AE) RSMeans'08 22 47 16.10 0140						\$ 17,433.00	There is not quantity the CSI allows \$800 ea
237	Remove Adhesives, VCT, Clean and Decontamination of floor slab	132811400250 (AE) RSMeans'08 09 05 05.20 0900 04 01 30.20 0320						\$ 17,433.00	This cost is part of demolition
238	Decontamination of Second Floor: Floors, curtain walls, Toilet Areas	132811400250 (AE) RSMeans'08 09 05 05.20 0900 04 01 30.20 0320						\$ 5,502.00	
239	Steam clean all HVAC ducts to decontaminate, per SF floor area	132811400250 (AE) RSMeans'08 23 05 00.00 0000						\$ 14,000.00	Complete HVAC System in Division 15
Byrd Copelin Gym									
240	Fire Protection, Fire Alarm Control Panel, 4 zone	13720 065 4600	1.00	EA	\$ 3,250.00	1.00	\$ 3,250.00	\$ 3,640.00	
241	Detection & Alarm, Break Glass Station	13720 065 4600	4.00	EA	\$ 118.00	1.00	\$ 472.00	\$ 528.64	
242	Fire Protection, Strobes	13720 065 5600	4.00	EA	\$ 183.00	1.00	\$ 732.00	\$ 819.84	
243	Fire Protection, Detectors	13720 065 5010	6.00	EA	\$ 222.00	1.00	\$ 1,332.00	\$ 1,491.84	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
244	Decontamination of Toilet Area,spray exposed substrate with	13281 140 0250	800.00	SF	\$ 1.17	1.00	\$ 936.00	\$ 1,048.32	
245	Fire Protection, Wet-Pipe Fire Suppression System, Sprinkler Heads, not incl. supply, Std. Spray, Pendent, 1/2" NPT, 1/2" Orifice (No sprinkler system currently in this building. The total for this line has been removed so they do not show up in the total	13930 400 3740 (AE) RSMMeans'08 21 13 13.50 3740	12.00	EA				\$ 455.16	May be eligible under codes - Not used in 50% Repair/Replace
Division 14 Conveying Systems									
Sanchez Multi-Service Center									
246	Replace Existing 6-person Hydraulic Elevator, Hydraulic Elevator, Passenger, base unit, 2000 lb capacity, 100 fpm, 2 stop, std. fin.	14240 200 1025	1.00	EA	\$ 101,000.00	1.00	\$ 101,000.00	\$ 50,000.00	
247	Replace Existing 6-person Hydraulic Elevator, Hydraulic Elevator, Passenger, base unit, 2000 lb capacity, 100 fpm, 2 stop, std. fin.	14240 200 1025	1.00	EA	\$ 101,000.00	1.00	\$ 101,000.00	\$ 50,000.00	
248	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, center opening 1 speed door (per floor. One at front of building, one at rear of building.)	14280 200 3175 (AE) RSMMeans'08 14 28 10.10 3175	1.00	EA			\$ 2,042.50	\$ 2,042.50	
249	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, center opening 1 speed door (per floor. One at front of building, one at rear of building.)	14280 200 3175 (AE) RSMMeans'08 14 28 10.10 3175	3.00	EA			\$ 6,127.50	\$ 6,127.50	
250	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, manual emergency power switching	14280 200 3300	1.00	EA	\$ 685.00	1.00	\$ 685.00	\$ 494.50	
251	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, manual emergency power switching	14280 200 3300	1.00	EA	\$ 685.00	1.00	\$ 685.00	\$ 494.50	
252	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, basement installed geared machine	142802003300 (AE) RSMMeans'08 14 28 10.10 3825	1.00	EA	\$ 17,400.00	1.00	\$14,688.00	\$ 16,480.00	
253	Upcharge to relocate elevator mechanical room to second floor or roof above actual flood levels, including additional control wiring and piping. (Based on line item from PW 1818 VSN 4) One at	9999 (AE) RSMMeans'08 14 24 23.10 0000							HMP not calculated in 50% Repair/Replace
254	Selective Demolition: Remove existing elevator equipment, rails, bumper, doors, platform, cab, guides, saddles, control and electrical wiring and devices for two stop elevator including related	(AE) RSMMeans'08 14 05 00						\$ 12,550.00	
255	Selective Demolition: Remove existing elevator equipment, rails, bumper, doors, platform, cab, guides, saddles, control and electrical wiring and devices for two stop elevator including related	(AE) RSMMeans'08 14 05 00					\$ 12,550.00		
Byrd Copelin Gym									
256	Replace Existing 4-person Hydraulic Elevator, Hydraulic Elevator, Passenger, base unit, 1500 lb capacity, 100 fpm, 2 stop, std. fin.	14240 200 1025	1.00	EA	\$ 101,000.00	1.00	\$ 101,000.00	\$ 50,000.00	
257	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, center opening 1 speed door	14280 200 3175 (AE) RSMMeans'08 14 28 10.10 3175	1.00	EA			\$ 2,042.50	\$ 2,042.50	
258	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, center opening 1 speed door	14280 200 3175 (AE) RSMMeans'08 14 28 10.10 3175	1.00	EA				\$ 2,042.50	Not Eligible Only one Elevator
259	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, manual emergency power switching	14280 200 3175	1.00	EA	\$ 520.00	1.00	\$ 520.00	\$ 582.40	
260	Replace Existing Elevator Equipment, Elevator Controls & Doors, Passenger Elevator Options, Basement Installed geared machine	14280 200 3825	1.00	EA	\$ 17,400.00	1.00	\$ 17,400.00	\$ 19,040.00	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
261	Upcharge to relocate elevator mechanical room to second floor or roof above actual flood levels, including additional control wiring and piping. (Based on line item from PW 1818 VSN 4)	9999 (AE) RSMeans'08 14 24 23.10 0000							HMP not calculated in 50% Repair/Replace
262	Selective Demolition: Remove existing elevator equipment, rails, bumper, doors, platform, cab, guides, saddles, control and electrical wiring and devices for two stop elevator including related	(AE) RSMeans'08 14 05 00						\$ 6,275.00	
263	Selective Demolition: Remove existing elevator equipment, rails, bumper, doors, platform, cab, guides, saddles, control and electrical wiring and devices for two stop elevator including related	(AE) RSMeans'08 14 05 00					\$ 6,275.00		
Division 15 Mechanical									
Etta Morris Senior Citizens Center									
264	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new cooling tower device)							\$ 3,150.00	
265	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new cooling tower device)						\$ 3,150.00		
266	HVAC							\$ 140,800.00	
267	HVAC	D3050					\$ 84,000.00		Amount from A & E Replacement Model
268	Plumbing							\$ 102,080.00	
269	Plumbing	D2010/2020/2040					\$ 84,000.00		Amount from A & E Replacement Model
270	Demolition							\$ 17,600.00	
271	Demolition						\$ 17,600.00		
272	Selective Plumbing Demolition, Fixtures, including 10' piping,	15055 600 1200	9.00	EA	\$ 51.50		\$ -		
273	Selective Plumbing Demolition, Fixtures, including 10' piping, Water Closet (toilet), wall mounted	15055 600 1420	9.00	EA	\$ 73.50		\$ -		
274	Commercial Plumbing Fixtures, Lavatories with trim, white, Wall hung, Vitreous china, 18" x 15", single bowl with backsplash	15418 450 6000	9.00	EA	\$ 355.00		\$ -		
275	Commercial Plumbing Fixtures, Water Closets (toilets), Bowl only, with flush valve, wall hung	15418 900 3100	9.00	EA	\$ 545.00		\$ -		
276	Selective Plumbing Demolition, Fixtures, including 10' piping, Water Fountains, Wall Mounted	15055 600 1620	2.00	EA	\$ 85.00		\$ -		
277	Electric Water Coolers, Water Cooler, Wall mounted, non-	15413 900 0140	2.00	EA	\$ 780.00		\$ -		
278	HVAC Demolition, Mechanical Equipment (Air Cooled Chiller	15055 300 3600	2.00	Ton	\$ 850.00		\$ -		
279	Packaged Water Chiller, w/ std. controls, packaged w/ integral air cooled condenser, 30 ton cooling (interpolated between 20 ton and	15620 600 0510	1.00	EA	\$ 32,550.00		\$ -		
280	Sink, with faucet and drain, Kitchen, countertop, steel, with ledge 32" x 21" double bowl	15418 600 4100	1.00	EA	\$ 360.00		\$ -		
281	Sink, with faucet and drain, Kitchen, countertop, steel, with ledge 48" x 21" triple bowl (priced as double bowl sink X 1.5)	15418 600 4100	1.00	EA	\$ 540.00		\$ -		
282	Selective Mech Demolition, Ductwork, 18" high, 24" wide	15055 300 1400	300.00	LF	\$ 5.10		\$ -		
283	HVAC Heat Generating System and Terminal & Package Units (RS Means Sq Ft Cost for Community Center)	D3050	8,800.00	SF	\$ 9.43		\$ -		
Sanchez Multi-Service Center									

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
284	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new cooling tower device)	01 54 33 60 2400 (AE) RSMMeans'08 01 54 33.60 2400						\$ 3,150.00	
285	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new cooling tower device)	01 54 33 60 2400 (AE) RSMMeans'08 01 54 33.60 2400					\$ 3,150.00		
286	HVAC	23 00 00						\$ 441,920.00	
287	HVAC	D3050					\$ 282,000.00		Amount from A & E Replacement Model
288	Plumbing	22 00 00						\$ 320,392.00	
289	Plumbing	D2010/2020/2040					\$ 282,500.00		Amount from A & E Replacement Model
290	Sprinklers	D4010					\$ 82,000.00		Amount from A & E Replacement Model
291	Demolition	23 05 05.10 0010						\$ 55,240.00	
292	Demolition						\$ 55,240.00		
293	Selective Plumbing Demolition, Fixtures, including 10' piping,	15055 600 1200	7.00	EA	\$ 38.50		\$ -		
294	Selective Plumbing Demolition, Fixtures, including 10' piping, Water Closet (toilet), wall mounted	15055 600 1420	11.00	EA	\$ 54.50		\$ -		
295	Commercial Plumbing Fixtures, Lavatories with trim, white, Wall hung, Vitreous china, 18" x 15", single bowl with backsplash	15418 450 6000	7.00	EA	\$ 355.00		\$ -		
296	Commercial Plumbing Fixtures, Water Closets (toilets), Bowl only, with flush valve, wall hung	15418 900 3100	11.00	EA	\$ 435.00		\$ -		
297	HVAC Demolition, Mechanical Equipment (Cooling Tower Device),	15055 300 3600	3.00	Ton	\$ 635.00		\$ -		
298	Replace Packaged Cooling Tower, Galv. Steel, Induced Draft, crossflow, Vertical, belt drive, to 60 tons	15640 400 0100	30.00	TonAC	\$ 163.00		\$ -		
299	For Pumps & Piping, add	15640 400 3500	30.00	TonAC	\$ 103.00		\$ -		
300	Selective Mech Demolition, Ductwork, 18" high, 24" wide	15055 300 1400	500.00	LF	\$ 3.83		\$ -		
301	Replace motorized roof fan hoods, Fans, Roof Exhauster, centrifugal, aluminum housing, 12" galvanized curb, bird screen, back draft damper, 1/4" S.P., Direct drive, 600 CFM, 11" square	15830 100 7120	3.00	EA	\$ 710.00		\$ -		
302	Replace Missing Roof Drain Covers, Storm Area Drains, Main, all aluminum, 12" low profile dome, 4" pipe size (Cover Only)	15160 500 4640	3.00	EA	\$ 50.00		\$ -		
Byrd Copelin Gym									
303	Rental Equipment, Lifting & Hoisting Equipment, without operator, Crane, Truck Mounted, hydraulic, 12 ton capacity (to remove and set new condensing units)	01 54 33 60 2400 (AE) RSMMeans'08 01 54 33.60 2400	1.00	EA	\$ 590.00	1.00	\$ 590.00	\$ 1,575.00	
304	Remove Three Roof Top Condenser Units, HVAC Demolition, Mechanical Equipment (Condensing Units), Light Items	15055 300 5010	3.00	EA	\$ 59.00	1.00	\$ 177.00	\$ 4,610.70	
305	New Roof Top Condenser Units, Condensers, Air Cooled, direct drive, propeller fans, 1 1/2 ton	15660 100 1600	3.00	EA	\$ 940.00	1.00	\$ 2,820.00	\$ 4,185.60	
306	Replace Metal Door on Existing RTU		1.00	EA	\$ 200.00	1.00	\$ 200.00	\$ 224.00	
307	Replace 1" Diameter PVC Condensate Lines on Existing RTU's, PVC, couplings 10' O.C., Schedule 40, 1" Diameter	15108 520 1880	80.00	LF	\$ 9.25	1.00	\$ 740.00	\$ 1,005.60	
308	Replace Missing Roof Drain Covers, Storm Area Drains, Main, all aluminum, 12" low profile dome, 4" pipe size (Cover Only)	15160 500 4390	3.00	EA	\$ 296.00	1.00	\$ 888.00	\$ 994.56	
309	Fixture, plumbing, remove and reset, max	15055 600 6100	6.00	EA	\$ 87.50	1.00	\$ 525.00	NOT USED	

CEF Part A Estimate For Repair/Replacement Analysis

City of New Orleans -

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
310	Sink, stainless steel, double bowl, 25"x22"	15418 600 3100	1.00	EA	\$ 580.00	1.00	\$ 580.00	\$ 5,801.12	
311	Selective Mech Demolition , Ductwork, 10" high, 12" wide	15055 300 1200	200.00	LF	\$ 1.92	1.00	\$ 384.00	\$ 868.56	
312	Selective Plumbing Demolition, Fixture, including 10' piping, Water Closet (toilet), wall mounted	15055 600 1200 (AE) RSMMeans'08 22 05 05.10 1420	12.00	EA		1.00	\$ 868.56	\$ 868.56	
313	Selective Plumbing Demolition, Fixture, including 10' piping, Lavatory, wall mounted	15055 600 1200 (AE) RSMMeans'08 22 05 05.10 1200	6.00	EA		1.00	\$ 303.48	\$ 303.48	
314	Commercial Plumbing Fixtures, lavatories with trim, white, Wall hung, Vitreous china, 18"x15", single bowl with backsplash	15418 450 6000 (AE) RSMMeans'08 22 41 16.10 6000	6.00	EA		1.00	\$ 1,988.16	\$ 1,988.16	
315	Commercial Plumbing Fixtures, lavatories with trim, white, Water Closet (toilet), Bowl only, with flush valve, wall hung	15418 900 3100 (AE) RSMMeans'08 22 42 13.40 3100	12.00	EA		1.00	\$ 6,328.63	\$ 6,328.63	
Division 16 Electrical									
Etta Morris Senior Citizens Center									
316	Electrical By AE								
317	Service and Distribution	(AE) RSMMeans'08 26 24 16.20 0010						\$ 22,880.00	
318	Service and Distribution	D5010					\$ 10,000.00		Amount from A & E Replacement Model
319	Lighting and Branch Wiring	(AE) RSMMeans'08 26 61 23.10 0010						\$ 51,832.00	
320	Lighting and Branch Wiring	D5020					\$ 42,000.00		Amount from A & E Replacement Model
321	Communication and Security	D5030					\$ 3,500.00		Amount from A & E Replacement Model
322	Other Electrical Systems	D5090					\$ 1,500.00		Amount from A & E Replacement Model
323	Power Devices	(AE) RSMMeans'08 26 27 26.20 0010						\$ 2,992.00	
324	Equipment Connections	(AE) RSMMeans'08 26 05 80.00 0000						\$ 9,064.00	
325	Basic Materials	(AE) RSMMeans'08						\$ 37,048.00	
326	Fire Alarm and Detection	(AE) RSMMeans'08 28 31 43.50 0100						\$ 22,000.00	
327	Low Voltage Systems	(AE) RSMMeans'08 23 05 19.00 0000						\$ 30,800.00	
328	Demolition	(AE) RSMMeans'08 26 05 05.10 0010					\$ 17,600.00	\$ 17,600.00	
329	Selective Electrical Demolition , Armored cable, (BX) avg. 50' runs,	16055 300 0280	800.00	EA	\$ 0.73		\$ -		
330	Selective Electrical Demolition , Conduit to 15' high, including fittings & hangers, Electric Metallic Tubing (EMT), 1/2" to 1"	16055 300 0100	400.00	EA	\$ 1.27		\$ -		
331	Electrical Service / Distribution (RS Means Sq Ft Cost for	D5010	8,800.00	SF	\$ 0.79		\$ -		
332	Electrical Lighting & Branch Wiring (RS Means Sq Ft Cost for	D5020	8,800.00	SF	\$ 4.25		\$ -		

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333	Electrical Communications & Security (RS Means Sq Ft Cost for Sanchez Multi-Service Center	D5030	8,800.00	SF	\$ 0.33		\$ -		
334	Electrical By AE								
335	Service and Distribution	(AE) RSMeans'08 26 24 16.20 0010						\$ 71,812.00	
336	Service and Distribution	D5010					\$ 10,000.00		Amount from A & E Replacement Model
337	Lighting	(AE) RSMeans'08 26 61 23.10 0010						\$ 162,681.80	
338	Lighting and Branch Wiring	D5020					\$ 141,000.00		Amount from A & E Replacement Model
339	Communications and Security	D5030					\$ 11,000.00		Amount from A & E Replacement Model
340	Other Electrical Systems	D5090					\$ 5,000.00		Amount from A & E Replacement Model
341	Power Devices	(AE) RSMeans'08 26 27 26.20 0010						\$ 9,390.80	
342	Equipment Connections	(AE) RSMeans'08 26 05 80.00 0000						\$ 28,448.60	
343	Basic Materials	(AE) RSMeans'08						\$ 116,280.20	
344	Fire Alarm and Detection	(AE) RSMeans'08 28 31 43.50 0100						\$ 69,050.00	
345	Low Voltage Systems	(AE) RSMeans'08 23 05 19.00 0000						\$ 96,670.00	
346	Demolition	(AE) RSMeans'08 26 05 05.10 0010						\$ 55,240.00	
347	Demolition						\$ 55,240.00		
348	Selective Electrical Demolition, Interior Fluorescent fixtures, incl. supports & whips, to 15' high, 2' x 4', 4 lamp	16055 300 2280	150.00	EA	\$ 33.50		\$ -		
349	Selective Electrical Demolition, Armored cable, (BX) avg. 50' runs,	16055 300 0280	1,000.00	EA	\$ 0.73		\$ -		
350	Selective Electrical Demolition, Conduit to 15' high, including fittings & hangers, Electric Metallic Tubing (EMT), 1/2" to 1"	16055 300 0100	600.00	EA	\$ 1.58		\$ -		
351	Selective Electrical Demolition, Main Disconnect Switch (Circuit Breaker) to Cooling Tower, 30% of the cost for new device is	16410 200 0200	1.00	EA	\$ 111.00		\$ -		
352	New Disconnect Switch (Circuit Breaker) (in enclosure) for Cooling Tower, 600 volt, 3 pole, 60 amp	16410 200 0200	1.00	EA	\$ 780.00		\$ -		
Byrd Copelin Gym									
353	Selective Electrical Demolition, Interior Fluorescent fixtures, incl. supports & whips, to 15' high, 2' x 4', 4 lamp	16055 300 2280	25.00	EA	\$ 33.50	1.00	\$ 837.50	\$ 938.00	
354	Fluorescant fixture, interior, acryl lens, grid recess ceiling mounted , 2-U40W,2'W x4'L incl lamps, mounting hardware and	16510 440 0400	25.00	EA	\$ 127.00	1.00	\$ 3,175.00	\$ 3,556.00	
355	Selective Electrical Demolition, wire copper stranded #4 type THW	16055 340 0120	50.00	CLF	\$ 45.00	1.00	\$ 2,250.00		
356	Wire copper stranded #4 type THW	16120 900 0180	50.00	CLF	\$ 197.00	1.00	\$ 9,850.00	\$ 11,032.00	
357	Receptacles & switch plates, remove	16055 300 1780	40.00	EA	\$ 1.42	1.00	\$ 56.80	\$ 63.62	
358	Non-metallic sheathed cable, switches single pole	D5 020 180 1100	15.00	EA	\$ 45.50	1.00	\$ 682.50	\$ 764.40	

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Item No.	Item Description Title / Component Description	Div. # or Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost	Cost Identified in A&E CDR	
359	Non-metallic sheathed cable, duplex receptacles	D5 020 180 0400	25.00	EA	\$ 53.00	1.00	\$ 1,325.00	\$ 1,484.00	
360	Demo circuit breaker, disconnect, 3 pole, 240 volt, 125 hp,	16055 350 0450	2.00	EA	\$ 126.00	1.00	\$ 252.00	\$ 282.24	
361	Demo load centers, 3 phase, 4 wire main breaker, indoor, 120/208 V, 200 amp, 30 circuits, incl 20 A 1 pole plug-in breakers	16055 350 0450	2.00	EA	\$ 126.00	1.00	\$ 252.00	\$ 282.24	
362	Circuit breaker, disconnect, 3 pole, 240 volt, 125 hp, enclosed	16410 200 2220	2.00	EA	\$ 2,375.00	1.00	\$ 4,750.00	\$ 5,320.00	
363	Load centers, 3 phase, 4 wire main breaker, indoor, 120/208 V, 200 amp, 30 circuits, incl 20 A 1 pole plug-in breakers	16440 500 5400	2.00	EA	\$ 1,750.00	1.00	\$ 3,500.00	\$ 3,920.00	
364	Selective Electrical Demolition, Armored cable, (BX) avg. 50' runs, #14, 2-wire (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not	16055 300 0280 (AE) RSMeans'08 26 05 19.20 0050	100.00	EA					See A& E Comments In Item Description
365	Selective Electrical Demolition, Conduit to 15' high, including fittings & hangers, Electric Metallic Tubing (EMT), 1/2" to 1" diameter (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not	16055 300 0100 (AE) RSMeans'08 26 05 05.10 0200	150.00	EA					See A& E Comments In Item Description
366	HVAC Heat Generating System and Terminal & Package Units (RS Means Sq Ft Cost for Community Center) (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not show up in the total	D3050 RSMeans'08 D3050 175	1,600.00	SF					See A& E Comments In Item Description
367	Electrical Service / Distribution (RSMeans Sq Ft Cost for Community Center) (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not show	D5010 RSMeans'08 D5010 210	1,600.00	SF					See A& E Comments In Item Description
368	Electrical Lighting & Branch Wiring (RS Means Sq Ft Cost for Community Center) (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not	D5020 RSMeans'08 D5020 248 1300	1,600.00	SF					See A& E Comments In Item Description
369	Electrical Communications & Security (RSMeans Sq Ft Cost for Community Center) (The work of this item appears to be repeated and expanded upon in PW v3. The total for this line has been removed so they do not	D5030 RSMeans'08 D5020 180	1,600.00	SF					See A& E Comments In Item Description
SUBTOTAL DAMAGE							\$ 2,644,821.92	\$ 4,948,725.26	

A&E Replacement Calculation is \$7,288,150

36.29%