

Appendix A BUDGET NARRATIVE

BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Costs	TOTAL PERSONNEL	\$669,395	\$689,477	\$710,161	\$86,242	\$88,830	\$2,244,106
	TOTAL FRINGE BENEFITS	\$455,256	\$468,913	\$482,981	\$58,653	\$60,413	\$1,526,216
	TOTAL TRAVEL	\$288	\$288	\$288	\$288	\$288	\$1,440
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL SUPPLIES	\$5,700	\$0	\$0	\$0	\$0	\$5,700
	TOTAL CONTRACTUAL	\$2,000,000	\$21,455,175	\$30,428,590	\$28,431,773	\$935,051	\$83,250,589
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$3,130,639	\$22,613,853	\$31,622,020	\$28,576,957	\$1,084,582	\$87,028,051
	TOTAL INDIRECT	\$0	\$0	\$0	\$0	\$0	0
TOTAL FUNDING		\$3,130,639	\$22,613,853	\$31,622,020	\$28,576,957	\$1,084,582	\$87,028,051

BUDGET BY PROJECT			
Project Number	Project Name	Total Cost	% of Total
1	EV Charging Infrastructure	\$35,999,997	41%
2	GSE Voucher Program	\$51,028,054	59%
Total		\$87,028,051	100%

Measure 1 EV Charging Infrastructure Budget Detail

Total Personnel: The personnel costs for this measure sum to \$2,244,108 over a five-year period. It includes Project Managers and facility personnel time for JFK, LGA, and EWR at \$157,848 per year, which is approximately 1.5 full-time equivalent staff (FTE) for the first three (3) years and 0.5 full-time equivalent staff for last two (2) years. The 1.5 FTE project management and facility personnel equate to \$236,772 for year one (1), \$243,875 for year two (2), and \$251,191 for year three (3). For 0.5 FTE project management personnel equate to \$86,242 in year four (4) and \$88,830 for year five (5). The total for the Project Managers is \$906,909 which includes annual expected salary increases.

Personnel also includes engineers to review, design, and oversee construction for JFK, LGA, and EWR at 2.25 full-time equivalent staff at \$192,277 per year with annual expected salary increases. This equates to \$432,636 for year one (1), \$445,602 for year two (2), and \$458,970 in year three (3). The total for the engineering personnel is \$1,337,195 which includes annual expected salary increases.

Total Fringe Benefits: Fringe benefits are calculated to be 68.01% of salary costs for personnel. Fringe benefits include life insurance, medical, dental, FICA, and NYS retirement payroll contributions. Fringe benefits for 1.5 FTE project management and facility personnel equate to \$161,029 for year one, \$165,859 for year two, and \$170,835 for year three. For 0.5 FTE project management personnel equate to \$56,653 in year four and \$60,413 for year five. Total project manager fringe benefits equal \$616,790 for five years.

Fringe benefits for 2.25 FTE engineering personnel are calculated to be 68.01% of salary costs for personnel. Fringe benefits include life insurance, medical, dental, FICA, and NYS retirement payroll contributions. Fringe benefits equate to \$294,227 for year one (1), \$303,054 for year two (2), and \$312,146 for year three (3). Total engineering personnel fringe benefits equal \$909,426 for three (3) years.

Total Contractual: Contractual costs include budget to complete both the conceptual and final design of the EV charging stations for all three (3) airports, which amounts to \$600,000 per airport and \$1,800,000 total in year one (1). In year two (2), it is expected that further costs for conceptual and final design will be incurred at a total cost of \$429,675 or approximately \$143,225 per airport. Total conceptual and final design costs for three (3) airports are expected to be \$2,229,675.

It also includes budget for a contractor to complete construction of the infrastructure, which is budgeted at \$30,000,000 total, equating to \$10,000,000 per airport for three (3) airports. Costs will be incurred in year two (2) at \$20,000,000 and year three (3) at \$10,000,000. These costs will be incurred across three (3) airports. Total contractual costs over three (3) years will be \$32,229,675. There are no expected contractual costs for years four (4) and five (5).

Measure 1 Total: \$35,999,997

Measure 2 GSE Voucher Program Budget Detail

Total Travel: The total cost of travel amounts to \$1,440 over the five-year period which reflects nine (9) airport visits per year at a total cost of \$32 per visit, \$16 per direction by the project management team to oversee the program. Totaling \$288 per year.

Total Supplies: The total budget for supplies for this measure amounts to \$5,700, which reflects the need to purchase the Project Manager one (1) laptop for a total cost of \$3,500 and one (1) workstation, including essential IT equipment, one (1) mouse, one (1) keyboard, and one (1) screen for a total cost of \$2,200. These are one-time purchases, expected to occur in year one (1).

Total Contractual: The contractual costs of this Measure sum to \$51,020,914 over the five-year period. It includes budget for a contracted program administrator to establish and administer the voucher program at \$822,500 per year, beginning in year two (2) through to year five (5). The project manager totals \$3,290,000 in total. Any savings made through the procurement process for this contract will be reallocated to be used in the zeGSE voucher program.

The contractor will provide EV mechanic training at an additional cost of \$100,000 per year in years one (1) and year two (2). The training program will cost \$200,000 in total.



A contracted project manager will support the Port Authority to deliver this program and manage the process from the Port Authority's side. The project manager will cost \$100,000 in year one (1), \$103,000 in year two (2), \$106,090 in year three (3), \$109,273 in year four (4), and \$112,551 in year five (5). Increases are expected to be in line with standard annual salary increases over the five (5) year period). In total the project manager contract will cost \$530,914 over five (5) years.

The vouchers of zeGSE will cost \$47,000,000 in total over the five (5) year period. It is expected that disbursement will begin in year three (3) at a total of \$19,500,000 and \$27,500,000 in year four (4).

Measure 2 Total: \$51,028,054