

Appendix 2: Budget Narrative

Maryland National Capital Region One Water Cycle Decarbonization and GHG Reduction CPRG Implementation Grant Application Washington Suburban Sanitary Commission (WSSC Water)

Approach to Ensuring Proper Management of Grant Funds

WSSC Water's ability to successfully manage awards is provided by many years of managing hundreds of millions of dollars in financial assistance and excellence in the single audits.

During the last three fiscal years, WSSC Water received assistance allocations of \$222 million, including concessional (low interest) loans, principal forgiveness, and grants. During the same period, WSSC Water received drawdowns of \$190 million. All of these assistance agreements, as well as agreements that are still in the process of completion, have been successfully managed and completed. WSSC Water has a strict cost allocation project accounting policy where internal (e.g., staff time) and external (e.g., contracts) are tracked by project number in the accounting and payroll systems.

WSSC Water's single audits consistently provide unqualified opinions on its statements of expenditures of federal awards, unqualified opinions on compliance, and have not included any internal control observations or management letter items. WSSC Water's careful stewardship of the assistance funds it has used to serve its customers and protect the environment place it in an elite group of recipients. Budgetary control over WSSC Water is exercised following a joint review by Montgomery County and Prince George's County governments through the annual review and approval of operating and capital budgets. WSSC Water's Budget Division administers and monitors operating and capital expenditures during the fiscal year in conjunction with the departments and offices in the agency.

WSSC Water will make direct or indirect purchases through a competitive process, except when an alternative method of procurement is specifically authorized by law, is in WSSC Water's best interest, and is the most cost-effective means of procuring goods and services. The strategic sourcing team helps manage procurement costs by using a fact-based and data-driven process focused on cost savings, process improvements, supplier innovation and category management. Cross-functional teams led by both strategic sourcing specialists and business unit staff work collaboratively to understand WSSC Water's internal needs via spend analytics, process gap-analysis and defining stakeholder requirements. The benefits to the agency include encourages cross-functional teams; provides visibility into spending habits; focuses on total cost of ownership; and optimizes category management.

Budget Detail and Reasonableness of Costs

The sections below present the budget justification for the projects/measures in this application. Please note that is typical for WSSC Water to include a 15% project management administrative cost. This is based on years of experience developing and implementing projects similar to those presented in this application. These project management administrative cost have been used to calculate equivalent FTEs at a blended salary rate of \$133,333.33 and WSSC Water fully loaded rate of 1.5 x salary.

Advanced Aeration Control

In 2021, WSSC Water began a pilot test of an operating strategy known as ammonia-based aeration control (ABAC). The pilot test demonstrated that implementing ABAC would yield significant reductions in electricity and chemical demand and associated GHG emission reductions, while still providing reliable

nutrient removal performance. WSSC Water contracted with technical experts (WRA, HDR) to develop a technical assessment business case evaluation (BCE) to estimate the economic, environmental, and operational benefits of implementing ABAC. The Seneca Water Resource Recovery Facility (WRRF) was used as the model, but the BCE was intended to allow extrapolation to the other WRRF operated by WSSC Water: Damascus, Parkway, Piscataway, and Western Branch.

Preliminary opinions of capital costs for blower replacement were developed based on budgetary pricing provided by the Sulzer blower sales representative, and a conceptual estimate of the process mechanical and electrical upgrades required for installing the new blowers. A summary of these initial capital costs is provided in the table below. The costs of the electrical upgrades are high because it was assumed that the electrical equipment for the new blowers would not be installed within the existing Blower Building, and instead would be provided within a prefabricated integrated power assembly located outside the building.

Seneca Cost Item	Capital Cost
Electrical Upgrades – Power supply for new blowers: transformers, switchboard, integrated power assembly (“e-House”), feeders, ductbank, etc. Selective demolition of existing 4160V electrical equipment.	\$1,600,000
Process Mechanical – Replace existing blowers: removal of existing Turblex blowers, installation of three Sulzer blowers, assuming installation in same location.	\$1,200,000
Subtotal (Installation Costs)	\$2,800,000
General Conditions (20.0%)	\$600,000
Subtotal	\$3,400,000
Fee (10.0%)	\$300,000
Subtotal	\$3,700,000
Contingency (20.0%)	\$700,000
Total Construction	\$4,400,000
Planning (3.0%)	\$100,000
Design and Permitting (12.0%)	\$500,000
WSSC Water Design Services During Construction (10.0%)	\$400,000
Subtotal	\$5,400,000
WSSC Water Administration (15.0%)	\$814,500
Total Initial Capital Costs	\$6,214,500

The table below has the same costs but presented by implementation year and categories to match the budget tables presented at the end of this appendix.

Seneca Item Description	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Planning, design, supervision	\$0	\$100,000	\$500,000	\$250,000	\$150,000	\$1,000,000
Land	\$0	\$0	\$0	\$0	\$0	\$0
Site improvements & utilities	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$3,400,000	\$1,000,000	\$4,400,000
WSSC Water Administration (15.0%)	\$0	\$15,000	\$75,000	\$547,500	\$172,500	\$810,000
Total Costs	\$0	\$115,000	\$575,000	\$4,197,500	\$1,322,500	\$6,210,000

As mentioned above, the BCE was developed to allow extrapolation of costs and benefits to the other WRRFs operated by WSSC Water and the following budget information was developed for the Western Branch WRRF.

Western Branch Item Description	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Planning, design, supervision	\$0	\$0	\$87,000	\$348,000	\$348,000	\$783,000
Land	\$0	\$0	\$0	\$0	\$0	\$0
Site improvements & utilities	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$1,739,000	\$1,739,000	\$3,478,000
WSSC Water Administration (15.0%)	\$0	\$0	\$13,050	\$313,050	\$313,050	\$639,150
Total Costs	\$0	\$0	\$100,050	\$2,400,050	\$2,400,050	\$4,900,150

Asset Health and Monitoring: Pump Optimization

WSSC Water is in the process of procuring consulting services to deploy the Asset Health and Monitoring Pump Optimization project. Based on WSSC Water's experience, quotes from vendors, and cost estimates developed ahead of the procurement process it is estimated that the cost to optimize monitoring of each pump is on \$5,000 and that 20 pumps for 5 years would benefit from this optimization for a total 100 pumps and an annual total consulting costs of \$100,000. As explained at the beginning of this appendix, WSSC Water has included a 15% project management administrative cost, allocated to salaries and indirect costs.

Asset Health and Monitoring; Pump Optimization	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Pump Optimization	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,00
WSSC Water Administration (15.0%)	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Total Costs	\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$575,000

Microgrid

WSSC Water contracted Paramount Energy Service, LLC to develop a Microgrid Feasibility Study for WSSC Water Potomac Water Filtration Plant. The study consisted of both financial and technical evaluations of different size and generation units. A subsequent addendum to the study was developed

to refine the analysis and incorporate carbon capture to the solution presented. The feasibility of adding CO2 capture equipment to the onsite generation was analyzed based on input from one vendor and a review of the available information concerning average costs for similar types of capture equipment in the market. The study and addendum estimated the costs of a design-builder. On a separate analysis presented as part of a FEMA BRIC grant application, WSSC water estimated the preliminary engineering costs for the project. As explained at the beginning of this appendix, WSSC Water has included a 15% project management administrative cost, allocated to salaries and indirect costs.

The key drivers in the estimated cost for the proposed onsite generation and their cost basis are:

- The natural gas engine generator's price was based on quotes provided by three different suppliers. The lowest cost was used.
- The building cost was estimated based on previous job experience for similar buildings.
- The high-pressure gas pipeline gate station and pipeline tap cost was estimated based on a similar natural gas generation project schedule to be connected to a gas transmission pipeline.
- Onsite electrical upgrades were order of magnitude estimates based on the connection points for 34.5KV generators.
- Current market for PV roof top solar with an assumption that the building's roof would last for the 20-year life of the project.

Microgrid	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Preliminary Engineering	\$1,532,000	\$0	\$0	\$0	\$0	\$1,532,000
Design-Builder RFP Solicitation	\$0	\$454,000	\$0	\$0	\$0	\$454,000
Design-Builder	\$0	\$0	\$7,940,000	\$5,955,000	\$5,955,000	\$19,850,000
WSSC Water Administration (15.0%)	\$229,800	\$68,100	\$1,191,000	\$893,250	\$893,250	\$3,275,400
Total Costs	\$1,761,800	\$522,100	\$9,131,000	\$6,848,250	\$6,848,250	\$25,111,400

Anacostia Depot Sewer Thermal and Solar

The total Anacostia Depot Reconfiguration cost is anticipated to be close to \$60 million between FY24 and FY27. Only the marginal costs for the sewer thermal and solar project are included in this grant application as they are the components that would have direct GHG emission reductions.¹

To estimate the cost of the PV solar component of the project, the first step was to develop a square footage estimate of the areas where solar panels could be installed. The result of these engineering calculations in square feet are:

- Future admin building parking lot: 40,000
- Future admin building roof: 50,000 (Note: solar panels are proposed for part of the roof only)
- Future storage sheds roof:

¹ Various sewer thermal options are being evaluated as part of the Anacostia Depot Renovation Project and final sewer thermal engineering and design will be completed as part of the renovation project by the contractor and their subcontractors. The information presented in this grant application is based on most possible sewer thermal option in the already completed feasibility study.

- Aggregate bins roof: 5,600
- Jet truck shed and storage roof: 6,600
- Warehouse storage shed: 4,000
- Future canopy at garage: 900
- **Total square footage: 107,100**

The area is then converted to solar electricity produced using the industry standard of 15W/sq ft solar electricity production and a capacity factor of 17%, which gives a total electricity production of 2,392,400 kwh/yr. WSSC Water with the assistance of Paramount Energy Service, LLC received commercial quotes for the installation of the PV solar at the Anacostia Depot and determined that \$2.5 per Watt installed is an appropriate estimate for the conditions of the project. This number is also consistent with the estimated that the Maryland Energy Administration (MEA) included in the [Public Facilities Solar FY2024 Grant Program](#). This gives a total cost of installation of \$4,016,250, or \$2,008,125 per year over two years of work.

For the sewer thermal project, a suitability assessments and site feasibility assessments have already been completed by Jacobs Engineering Group, Inc. The project feasibility study developed cost estimates for the project based on conceptual design and life cycle cost assessment. Costs were developed for the administration building assuming standard design-bid-build procurement practices with two phases: Phase 1: Design and Phase 2: Construction. Phase 1 – Preliminary Engineering and Design of the thermal sewer project and delivery of the construction documents is expected to occur over a period of approximately 12 months with an estimated cost of \$304,000. In Phase 2 – Construction WSSC would bid out the project using standard procurement practices and award the Construction Contract to the best qualified Contractor, who would then install the Sewer Thermal System. The Contractor would construct the sewer thermal system, integrate it with the new Anacostia Depot Building, develop As-built plans, and a deliver a commissioned system. Phase 2 would occur over approximately 18 months and have an estimated budget of \$3,290,000.

These costs were then used to develop cost estimates for the warehouse and shop areas of the depot based on their square footage and other technical conditions, with WSSC Water estimating that the costs for them would be in total approximately 105% of the costs for the administration building.

As explained at the beginning of this chapter, WSSC Water has included a 15% project management administrative cost, allocated to salaries and indirect costs.

Anacostia Depot	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
Sewer thermal – Admin Building	\$304,000	\$1,645,000	\$1,645,000	\$0	\$0	\$3,594,000
Sewer thermal – Shop and Warehouse	\$319,200	\$1,727,250	\$1,727,250	\$0	\$0	\$3,773,700
Solar Installation	\$2,008,125	\$2,008,125	\$0	\$0	\$0	\$4,016,250
WSSC Water Administration (15.0%)	\$394,699	\$807,056	\$505,837	\$0	\$0	\$1,707,592
Total Costs	\$3,026,024	\$6,187,431	\$3,878,087	\$0	\$0	\$13,091,542

Budget Tables Using EPA Template

Consolidated Budget Table

This table will update automatically based on the budget detail entered in the tabs for measures 1-5. If your application includes more than 5 individual measures, you will need to add additional tabs, update the formulas below, and add additional lines to the "Budget by Project" table to

BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1 (FY2025)	YEAR 2 (FY2026)	YEAR 3 (FY2027)	YEAR 4 (FY 2028)	YEAR 5 (FY2029)	TOTAL
Direct Costs	TOTAL PERSONNEL	\$426,332	\$603,437	\$1,199,925	\$1,179,200	\$929,200	\$4,338,095
	TOTAL FRINGE BENEFITS	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL TRAVEL	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL CONTRACTUAL	\$4,263,325	\$6,034,375	\$11,999,250	\$11,792,000	\$9,292,000	\$43,380,950
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$4,689,657	\$6,637,812	\$13,199,175	\$12,971,200	\$10,221,200	\$47,719,045
	TOTAL INDIRECT	\$213,166	\$301,719	\$599,962	\$589,600	\$464,600	\$ 2,169,047
TOTAL FUNDING		\$4,902,824	\$6,939,531	\$13,799,137	\$13,560,800	\$10,685,800	\$49,888,092

BUDGET BY PROJECT			
Project Number	Project Name	Total Cost	% of Total
1	Advanced Aeration Control for Water Resource Recovery Facilities (WRRF) [Western Branch and Seneca]	\$11,110,150	22%
2	Asset Health and Monitoring; Pump Optimization	\$575,000	1%
3	Microgrid	\$25,111,400	50%
4	Anacostia Depot Sewer (Wastewater) Thermal and Solar	\$13,091,542	26%
5			0%
Total		\$49,888,092	100%

BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Costs	Personnel						
	Seneca WSSC Project Management blended rate @ \$133,333/yr, variable FTE depending on stage	\$0	\$10,000	\$50,000	\$365,000	\$115,000	\$540,000
	Western Branch WSSC Project Management blended rate @ \$133,333/yr, variable FTE depending on stage	\$0	\$0	\$8,700	\$208,700	\$208,700	\$426,100
							\$0
	TOTAL PERSONNEL	\$0	\$10,000	\$58,700	\$573,700	\$323,700	\$966,100
	Fringe Benefits						
							\$0
	TOTAL FRINGE BENEFITS	\$0	\$0	\$0	\$0	\$0	\$0
	Travel						
							\$0
	TOTAL TRAVEL	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment						
							\$0
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	Supplies						
							\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual						
	Seneca Planning, Design, Supervision	\$0	\$100,000	\$500,000	\$250,000	\$150,000	\$1,000,000
	Seneca Construction	\$0	\$0	\$0	\$3,400,000	\$1,000,000	\$4,400,000
	Western Branch Planning, Design, Supervision	\$0	\$0	\$87,000	\$348,000	\$348,000	\$783,000
	Western Branch Construction	\$0	\$0	\$0	\$1,739,000	\$1,739,000	\$3,478,000
	TOTAL CONTRACTUAL	\$0	\$100,000	\$587,000	\$5,737,000	\$3,237,000	\$9,661,000
	OTHER						
							\$0
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$0	\$110,000	\$645,700	\$6,310,700	\$3,560,700	\$10,627,100
Indirect Costs	Indirect Costs						
	Seneca WSSC fully-loaded rate is 1.5 x salary	\$0	\$5,000	\$25,000	\$182,500	\$57,500	\$270,000
	Western Branch WSSC fully-loaded rate is 1.5 x salary	\$0	\$0	\$4,350	\$104,350	\$104,350	\$213,050
	TOTAL INDIRECT	\$0	\$5,000	\$29,350	\$286,850	\$161,850	\$483,050
TOTAL FUNDING		\$0	\$115,000	\$675,050	\$6,597,550	\$3,722,550	\$11,110,150

Detailed Budget Table Asset Health and Monitoring; Pump Optimization

This Excel Workbook is provided to aid applicants in developing the required budget table(s) within the budget narrative.

BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Cost:	Personnel						
	WSSC Project Management blended rate @ \$133,333/yr, ~3 hours per week	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
							\$0
	TOTAL PERSONNEL	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
	Fringe Benefits						
							\$0
	TOTAL FRINGE BENEFITS	\$0	\$0	\$0	\$0	\$0	\$0
	Travel						
							\$0
	TOTAL TRAVEL	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment						
							\$0
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	Supplies						
							\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual						
	Pump Optimization \$5,000 per pump for 20 pumps per year	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
							\$0
	TOTAL CONTRACTUAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
	OTHER						
							\$0
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$550,000
Indirect Cost:	Indirect Costs						
	WSSC fully-loaded rate is 1.5 x salary	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$25,000
							\$0
	TOTAL INDIRECT	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
TOTAL FUNDING		\$115,000	\$115,000	\$115,000	\$115,000	\$115,000	\$575,000

Detailed Budget Table Microgrid

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BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Costs	Personnel						
	WSSC Project Management blended rate @ \$133,333/yr, variable FTEs (approx. 1.15 FTE year 1/ 0.34 FTE year 2; 6 FTE year 3; and 4.5 FTE years 4 and 5)	\$153,200	\$45,400	\$794,000	\$595,500	\$595,500	\$2,183,600
	TOTAL PERSONNEL	\$153,200	\$45,400	\$794,000	\$595,500	\$595,500	\$2,183,600
	Fringe Benefits						
							\$0
	TOTAL FRINGE BENEFITS	\$0	\$0	\$0	\$0	\$0	\$0
	Travel						
							\$0
	TOTAL TRAVEL	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment						
							\$0
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	Supplies						
							\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual						
	Preliminary Engineering	\$1,532,000	\$0	\$0	\$0	\$0	\$1,532,000
	Design-Builder RFP Solicitation	\$0	\$454,000	\$0	\$0	\$0	\$454,000
	Design-Builder	\$0	\$0	\$7,940,000	\$5,955,000	\$5,955,000	\$19,850,000
							\$0
	TOTAL CONTRACTUAL	\$1,532,000	\$454,000	\$7,940,000	\$5,955,000	\$5,955,000	\$21,836,000
	OTHER						
							\$0
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$1,685,200	\$499,400	\$8,734,000	\$6,550,500	\$6,550,500	\$24,019,600
Indirect Costs	Indirect Costs						
	WSSC fully-loaded rate is 1.5 x salary	\$76,600.00	\$22,700.00	\$396,999.99	\$297,749.99	\$297,749.99	\$1,091,800
	TOTAL INDIRECT	\$76,600	\$22,700	\$397,000	\$297,750	\$297,750	\$1,091,800
TOTAL FUNDING		\$1,761,800	\$522,100	\$9,131,000	\$6,848,250	\$6,848,250	\$25,111,400

Detailed Budget Table Anacostia Depot Sewer (Wastewater) Thermal and Solar

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BUDGET BY YEAR							
COST-TYPE	CATEGORY	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Direct Costs	Personnel						
	Anacostia Depot Renovation (Admin building) Thermal Design - WSSC Project Management blended rate @ \$133,333/yr, ~.23 FTE	\$ 30,400	\$0	\$0	\$0	\$0	\$30,400
	Anacostia Depot Renovation (Admin building) Thermal Construction -WSSC Project Management blended rate @ \$133,333/yr, ~1.23 FTE	\$0	\$ 164,500	\$ 164,500	\$0	\$0	\$329,000
	Anacostia Depot Renovation (Shop and Warehouse) Thermal Construction -WSSC Project Management blended rate @ \$133,333/yr, variable FTEs (approx. 0.25 FTE year 1 and 1.3 FTE years 2 and 3)	\$ 31,920	\$ 172,725	\$ 172,725	\$0	\$0	\$377,370
	Anacostia Depot Renovation Solar Project Management blended rate @ \$133,333/yr, ~1.5 FTE per year	\$ 200,812	\$ 200,812	\$0	\$0	\$0	\$401,625
	TOTAL PERSONNEL	\$ 263,132	\$538,037	\$337,225	\$0	\$0	\$1,138,395
	Fringe Benefits						
							\$0
	TOTAL FRINGE BENEFITS	\$0	\$0	\$0	\$0	\$0	\$0
	Travel						
							\$0
	TOTAL TRAVEL	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment						
							\$0
	TOTAL EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
	Supplies						
							\$0
	TOTAL SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual						
	Anacostia Depot Renovation Thermal (Admin building) Phase 1 – Preliminary Engineering and Design	\$304,000		\$0	\$0	\$0	\$304,000
	Anacostia Depot Renovation Thermal (Admin building) Phase 2 – Construction		\$1,645,000	\$1,645,000	\$0	\$0	\$3,290,000
	Anacostia Depot Renovation Thermal (Shops and Warehouse) -Preliminary Engineering, Design and Construction	\$319,200	\$1,727,250	\$1,727,250	\$0	\$0	\$3,773,700
	Anacostia Depot Renovation Solar Installation Based on estimated Solar installation cost \$2.50/W x 1,606,500 W	\$2,008,125	\$2,008,125	\$0	\$0	\$0	\$4,016,250
							\$0
	TOTAL CONTRACTUAL	\$2,631,325	\$5,380,375	\$3,372,250	\$0	\$0	\$11,383,950
	Other						
							\$0
	TOTAL OTHER	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL DIRECT	\$2,894,457	\$5,918,412	\$3,709,475	\$0	\$0	\$12,522,345
Indirect Costs	Indirect Costs						
	Admin building Design WSSC fully-loaded rate is 1.5 x salary	\$15,200	\$0	\$0	\$0	\$0	\$15,200
	Admin building Construction WSSC fully-loaded rate is 1.5 x salary	\$0	\$82,250	\$82,250	\$0	\$0	\$164,500
	Shops and Warehouse WSSC fully-loaded rate is 1.5 x salary	\$15,960	\$86,362	\$86,362	\$0	\$0	\$188,685
	Solar WSSC fully-loaded rate is 1.5 x salary	\$100,406	\$100,406				\$200,812
	TOTAL INDIRECT	\$131,566	\$269,019	\$168,612	\$0	\$0	\$569,197
TOTAL FUNDING		\$3,026,024	\$6,187,431	\$3,878,087	\$0	\$0	\$13,091,542