

RESOLUTION 2010-18

A RESOLUTION BY THE CITY OF LAKE WALES, FLORIDA, ACCEPTING A STATE ENERGY PROGRAM GRANT FROM THE STATE OF FLORIDA CLIMATE COMMISSION AND THE EXECUTIVE OFFICE OF THE GOVERNOR AND AUTHORIZING THE MAYOR TO EXECUTE ALL RELATED DOCUMENTS.

WHEREAS, energy efficiency is an important part of our community's future; and

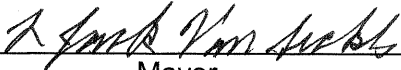
WHEREAS, the City of Lake Wales desires to accept a State Energy Program Grant award which would provide monies to fund the replacement of lights at the Little League Fields which would provide energy efficient lighting for Barnes and Barranco fields that would meet official Little League standards.

NOW, THEREFORE, BE IT RESOLVED by the City Commission of Lake Wales, Florida:

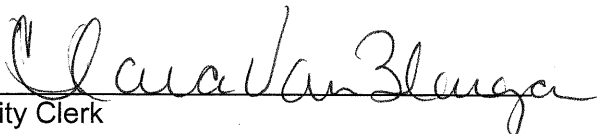
Section 1. The City Commission authorizes the City of Lake Wales to accept a State Energy Program Grant for funding to replace inefficient lighting at the Lake Wales Little League Fields.

Section 2. The City Commission authorizes the Mayor to execute the final grant award agreement and to execute all related documents.

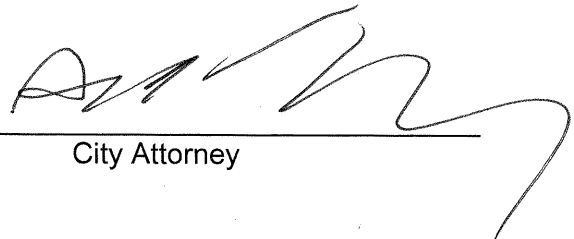
INTRODUCED, PASSED AND ADOPTED THIS THE 17TH DAY OF AUGUST 2010.

BY: 
Mayor

ATTEST:


City Clerk

APPROVAL AS TO FORM:


City Attorney

**ATTACHMENT A
GRANT WORK PLAN**

**FLORIDA ENERGY AND CLIMATE COMMISSION
GRANT AGREEMENT NO. ARS009**

**STATE OF FLORIDA
GRANT ASSISTANCE
PURSUANT TO
AMERICAN RECOVERY AND REINVESTMENT ACT
UNITED STATES DEPARTMENT OF ENERGY AWARDS**

A. PROJECT TITLE: Lake Wales Little League Lighting Retrofit

B. PROJECT LOCATION: Little League Fields, 300 Lake Shore Blvd, Lake Wales, Florida

C. PROJECT BACKGROUND:

The City of Lake Wales has made energy efficiency and conservation a priority for its public facilities. The City will utilize grant funds to retrofit lights at the Lake Wales Little League Complex. The existing wooden poles and 20 year old lights will be removed and replaced with green light fixtures which will result in a reduction in overall energy consumption by 39%. The lighting retrofit consists of installing new green lighting fixtures, re-wiring the existing electrical grid and implementing an internet based centralized control system. The new lighting fixtures will also reduce offsite spill light and increase lighting levels. This project will also allow the City to demonstrate its continued commitment to energy conservation and public safety.

The technology being utilized by the City has been developed by an established lighting manufacturer. Musco Lighting is a leader in developing sports-lighting technology, including solutions for permanent and temporary lighting, and sports facility management. Since 1976, Musco Lighting has specialized in the design and manufacture of systems for lighting recreation and athletic fields. Musco's energy efficient technology, Light-Structure Green™, uses innovative photometric improvements of the luminaire which result in substantially more efficient light control. Their products are designed to make sports-lighting projects fast, easy, and trouble-free, and are offered with confidence earned and learned from thirty years of technology innovation.

D. PROJECT OBJECTIVES:

- **Objective 1:** To reduce the annual power consumption by procuring and installing energy efficient sports lighting in the Lake Wales Little League Complex

E. PROJECT DESCRIPTION: The following tasks will be performed in order to meet the project objectives outlined above.

Energy Efficient Outdoor Replacement Lighting (Objective 1):

- **Task 1:** The Grantee will develop specifications for bid advertisement
- **Task 2:** The Grantee will advertise bid
- **Task 3:** The Grantee will receive bids and award project with City Council approval
- **Task 4:** The Grantee will oversee removal of existing sports lighting

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- **Task 5:** The Grantee will oversee installation of new sports lighting including new poles and fixtures
- **Task 6:** The Grantee will conduct a light test to verify safety standards
- **Task 7: Final Report:** Submit a report to the FECC including the procurement documents used to hire the vendor, the contract between the Village and the vendor, copies of utility bills to document energy savings, and any applicable invoices.

F. PROJECT MILESTONES/DELIVERABLES/OUTPUTS:

The table below identifies the month of the project each task will start and be accomplished.

No.	Task/Activity Description	Start	Complete	Deliverables/ Outputs	Deliverable/ Output Due Dates
1	Develop specifications for bid advertisement	Month 1	Month 2	Submit specifications for bid advertisement to Commission	Month 2
2	Advertise bid	Month 3	Month 4	Bid process initiated	Month 4
3	Award project	Month 5	Month 6	Contractor selected for lighting retrofit	Month 6
4	Existing lighting removed	Month 7	Month 7	Old equipment removed and disposed	Month 7
5	Installation of new poles and fixtures	Month 8	Month 12	Submit photographs of installation to Commission	Month 12
6	Conduct light test to verify safety standards	Month 12	Month 12	Safe installation verified and results of test reported to Commission	Month 12
7	Final Report	Month 12	Month 12	Submit a report including photographs of the installed fixtures, utility bills, and invoices from both the manufacturer and the installer.	Month 12

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G. PROJECT BUDGET:

The budget below summarizes the project by Funding Category. All dollar amounts are rounded to the nearest whole dollar value.

Funding Category	Grant Funds	Cost Share: Matching Funds and Other In-Kind Contributions	
		Funding	Source of Funds
1. Salaries	\$0	\$0	N/A
2. Fringe Benefits	\$0	\$0	N/A
3. Travel (if authorized)	\$0	\$0	N/A
4. Supplies/Other Expenses	\$0	\$0	N/A
5. Equipment	\$0	\$0	N/A
6. Contractual Services	\$200,000	\$0	N/A
7. Indirect (if authorized)	\$0	\$0	N/A
Total Project Budget	\$200,000	\$0	N/A
Total Project Cost	\$200,000	= Grants Funds + Cost Share	
Cost Share Percentage	N/A	= Cost Share / Total Project Cost	

H. TOTAL BUDGET BY TASK:

The project budget below summarizes the project by Project Task. Project Tasks correspond to the "Project Description" section. All dollar amounts are rounded to the nearest whole dollar value.

Project Task	Grant Funds	Cost Share: Matching Funds and Other In-Kind Contributions	
		Matching Funds	Source
1 Develop specifications for bid advertisement	\$0	\$0	N/A
2 Advertise bid	\$0	\$0	N/A
3 Award project	\$0	\$0	N/A
4 Existing lighting removed	\$5,000	\$0	N/A
5 Installation of new poles and fixtures	\$194,000	\$0	N/A
6 Conduct light test to verify safety standards	\$1,000	\$0	N/A
7 Final Report	\$0	\$0	N/A
Totals:	\$200,000	\$0	N/A
Total Project Cost:	\$200,000	= Grant Funds + Cost Share	

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I. BUDGET DETAIL:

Using the definitions provided below, the detailed, line-item budget clarifies the Budget Summary shown in Section G. Budget Category Sub-Totals have been rounded to the nearest whole dollar value. Up to 10% of grant funds may be used for administrative costs, excluding the cost of meeting reporting requirements of the program.

Administrative costs are defined as: allowable, reasonable, and allocable Direct and Indirect costs related to overall management of the awarded grant (including travel). For each budget line-item, the appropriate column identifies if the cost is: 1) Grant or Match, 2) a Direct cost used to calculate Indirect Costs (if approved) and 3) whether the cost is Administrative in nature. A description of what is required for each budget category is as follows:

1. Salaries - Identify the persons to be compensated for work on this project by name (if known), position, and title. Show the hourly cost and total hours to be charged for each person or position. Divide annual salaries by 2080 hours and nine month academic salaries by 1560 hours, to find the hourly rate.
2. Fringe Benefits - Multiply the rate by the total salaries to which fringe benefits apply. If the rate is variable, explain and show calculations.
3. Travel - List trips by their purpose and/or destination. Indicate the number of days for each trip. The Commission will only reimburse for travel at the appropriate State of Florida rate (Section 112.061, Florida Statutes), using the forms referenced in Attachment B, Payment Request Summary Form. Be prepared to provide the Commission with details on costs utilized to calculate the "Amount Budgeted" for each trip.
4. Supplies & Other Expenses - List expendable supplies by category description, unit costs and quantity. List other expenses not included in any of the above categories. Examples would be printing, copying, postage, communications, etc. Non-expendable equipment valued at less than \$1,000 may be listed also. Include only expenses directly related to the project, not expenses of a general nature. For Match only, list costs related to donated real property such as land (not to exceed the fair market value of the property).
5. Equipment - List non-expendable personal property/equipment valued at \$1,000 or more by description, unit cost, and quantity. Computers and data-processing equipment should be described in detail.
6. Contractual Services - Subcontractors should provide the same information required by this budget table, with the following exceptions: (a) when professional services are provided at a pre-existing approved rate or fee shown on the budget; or (b) the subcontract is to be obtained competitively. For either (a) or (b), show an estimated maximum amount.
7. Indirect Costs/Rate - Indirect Costs are not authorized
8. Total Budget Category - Show the total of all line-items within a Budget Category.
9. Total Budget - Show the total of all categories.

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1. Salaries								
Salaries (Name/Position)	Hourly Cost (\$)	*	Hours/wk. or % FTE	=	Total Gross Salary (\$)	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost? Y/N
N/A								
Sub-Totals for Salaries Category					N/A			

2. Fringe Benefits									
Name of Employee	Amount Gross Salary (\$)	Approved % per Work Plan or enter "N/A" & provide break- out	Benefit # 1 & Cost	Benefit # 2 & Cost	Benefit # 3 & Cost	Total Fringe Benefits (\$)	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost Y/N
N/A								N	Y
								N	Y
								N	Y
Sub-Total of Fringe Benefits Category						N/A			

3. Travel * Cannot exceed cost limitations required by Section 112.061, Florida Statutes								
Name of Employee	Destination	Period of Trip (# of days)	Purpose of Trip	Amount Budgeted	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost Y/N	
N/A				\$				
				\$				
Sub-Total of Travel Category				N/A				

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4. Supplies - Other Expenses								
Description	Unit Cost (\$)	*	Quantity	=	Total Cost (\$)	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost Y/N
N/A								
		*		=				
		*		=				
		*		=				
Sub-Total of Supplies - Other Expenses Category					N/A			

5. Equipment								
Description	Unit Cost (\$)	*	Quantity	=	Total Cost (\$)	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost Y/N
N/A	\$	*		=				
	\$	*		=				
	\$	*		=				
	\$	*		=				
Sub-Total of Equipment Category					N/A			

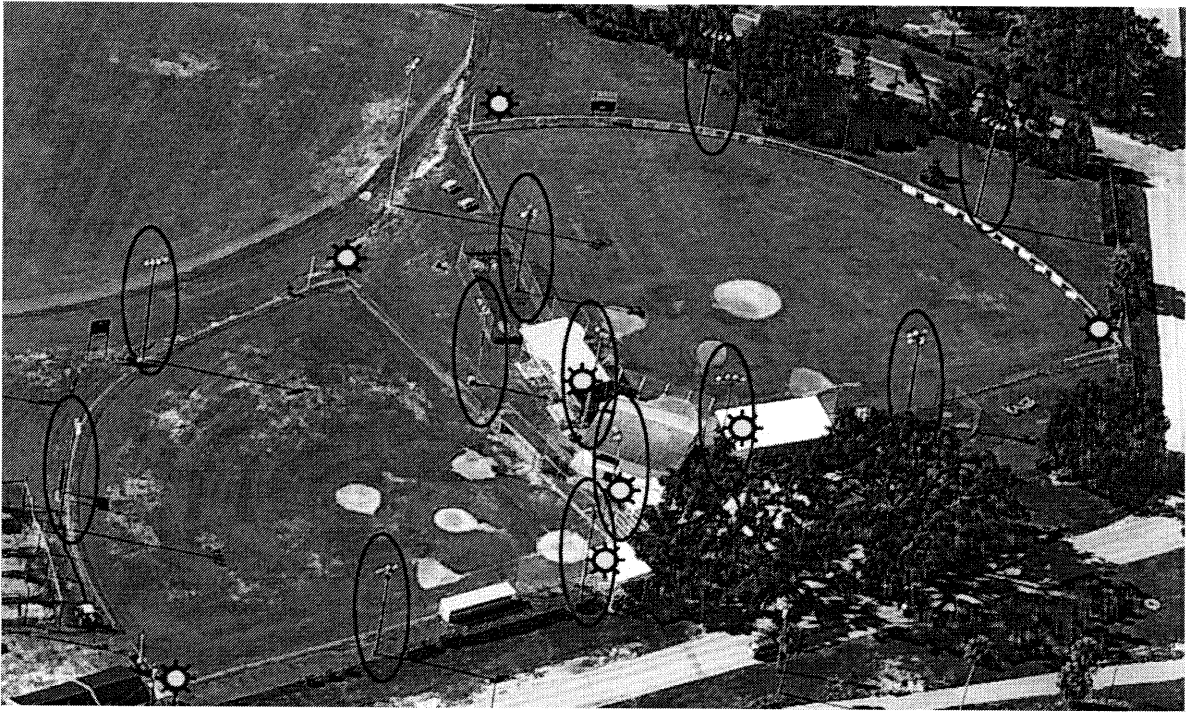
6. Contractual Services									
Name of Vendor	Description	Fee/Rate (\$)	*	Quantity	=	Total Cost (\$)	Grant = G or Match = M	Direct costs used to calculate Indirect Cost? Y/N	Admin. Cost Y/N
Musco Lighting	Lighting Installation	\$25,000	*	8	=	\$200,000	G	N	N
			*		=				
			*		=				
Sub-Total of Contractual Services Category						\$200,000			

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7. Indirect Cost (if approved)									
Budget Category included in Base of Indirect Cost Calculations	Total Direct Costs for Budget Category	*	Approved Indirect Cost Rate (%) from Grant Work Plan	=	Total Indirect Cost for Budget Category (\$)	=	Total Indirect Costs for Grant	+	Total Indirect Costs for Match
N/A	\$	*		=	\$	=	\$	+	\$
	\$	*		=	\$	=	\$	+	\$
	\$	*		=	\$	=	\$	+	\$
Sub-Total of Indirect Costs Category					N/A	=	\$	+	\$

8. Total Project Budget						
Budget Category	Total Costs for Budget Category	=	Total Grant Costs	+	Total Match Costs	
Contractual Services	\$200,000	=	\$200,000	+	\$0	
Total Project Budget	\$200,000	=	\$200,000	+	\$0	

J. MEASURES OF SUCCESS: In the Final Report, the Grantee shall address how the project objectives were accomplished.



**STATEMENT OF FISCAL IMPACT
FLORIDA ENERGY & CLIMATE COMMISSION GRANT AGREEMENT
AMERICAN RECOVERY AND REINVESTMENT ACT
(Federal Fund)**

Note: On the February 2, 2010, the City Commission approved submittal of the non-matching grant application through the “Energy Efficiency Conservation Block Grant Program” to replace the light poles at Barnes and Barranco Fields. The City was not approved for that program but through the “Florida Energy and Climate Commission pursuant to American Recovery and Reinvestment Act”; the City has qualified for a similar grant opportunity.

PREPARED BY

**CITY OF LAKE WALES
FINANCE DEPARTMENT**

Nature of Statement and Information Disclosed

This is a statement of fiscal impact for the replacement of light poles at Barnes and Barranco Fields. This impact statement has been performed as required by and in accordance with Section 2-802, Article VIII of the City of Lake Wales Code of Ordinances. It is a statement solely for the purpose of analyzing and reporting the fiscal impact on the City of either applying or not applying for this grant, using certain assumptions as indicated herein. No attempt is made to evaluate the Grant Application for suitability to City objectives.

In order to provide an unqualified statement of fiscal impact that can be certified as reasonably full and complete by the Finance Department, certain information must be provided permitting Finance Department personnel to produce a full and complete determination as to all anticipated fiscal impacts. This impact statement was produced using:

- **Florida Energy and Climate Commission Grant Agreement ARS009**

This impact statement represents, in our unqualified opinion, a valid estimate of known present or future impacts anticipated to result from the acceptance of the aforementioned grant.

In some cases, the nature of a fiscal impact is described rather than stated using specific dollar amounts or figures. This is done in order to provide information on the nature of the expected fiscal impact where there simply is not enough information to quantify the impact, or whether the exact amount of the impact depends on the exact type of future events or conditions.

General Assumptions

A fiscal impact statement constitutes a forward-looking statement on the acceptance of grant funds and the proper execution of all requirements as set forth in any grant application, agreement, covenants attached to real or tangible property, or other duly enforceable stipulations. In order to produce such a statement, assumptions about future events and conditions must be made.

In any case where a reasonable expectation of a future condition or event has been disclosed or is already known to Finance Department personnel, that information has been used as an Assumption in the fiscal impact statement. Expectations not known or not considered reasonably expected to occur have been excluded from the fiscal impact statement. If an event or condition may occur which would have a material and *direct* fiscal impact, but is not reasonably expected to occur, it is disclosed in the fiscal impact statement.

General Assumptions are made in this fiscal impact statement that the City Staff executing the grant program already possess the required knowledge and expertise to expertly perform all of the requirements of the grant, and that the information provided to prepare this impact statement is true and correct. It is also assumed that no outside events will create a positive or negative influence on the grant program, and that there will be no changes

in the legal, operational, or economic environment in which the grant program, and the City as whole, operates, except as disclosed herein.

Current Fiscal Impacts

Impacts on Revenue

Grant funding \$200,000.

Impacts on Expenditures

Project Costs:

8 Light Poles @ 25,000 each	\$	<u>200,000</u>
Total Project Costs:	\$	<u>200,000</u>

No match requirement relating to the grant agreement. Any cost overruns would be borne entirely by the General Fund. The City would be responsible for costs relating to permitting, water source from the 2" water line for foundation excavation, fencing and extra cost associated with foundation excavation in non-standards soil, if any during installation. Tom Moran, Public Works Director, expects these to be minimal costs. The new lighting system is expected to reducing energy costs compared to the existing technology used.

Future Fiscal Impacts

Impacts on Revenue

N/A

Impacts on Expenditures

The new technology is expected to reduce energy costs compared to the existing technology used.

Other Future Commitments

N/A

Disclosures of Possible Material Future Events

N/A

Certification

We hereby certify that this fiscal impact statement is, to the best of our knowledge, a valid estimate of known present or future impacts anticipated to result from the application and acceptance of the aforementioned grant.

Approved By:



Dorothy Pendergrass
Finance Director
City of Lake Wales