



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Capital Expenditures	<u>\$924,967.00</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>( \$450,000.00 )</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>NET FISCAL IMPACT</b>	<b><u>\$474,967.00</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**Budget Account No:** Fund 4011 Dept 721 Unit W010 Object 6545 \$474,967.00  
 Fund 3903 Dept 721 Unit W033 Object 6545 \$450,000.00

Is Item Included in Current Budget? Yes No X  
 \*\*\*\* (A) see attached Amendments & Transfers

Reporting Category N/A

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

\$450,000 will be funded by an Energy Efficiency and Conservation Block Grant from the United States Department of Energy with the remaining \$474,967 from Water Utility User Fees.

**C. Department Fiscal Review:** See memo

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

[Signature] 1/9/13  
 OFMB

[Signature] 1/18/13  
 Contract Development and Control  
 1-18-13 [Signature]

[Handwritten initials]  
 1-4-13  
 (SC)

**B. Legal Sufficiency:**

[Signature] 1/22/13  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director



2301 Maitland Center Parkway, Suite 300  
Maitland, Florida 32751  
tel: +1 407 660-2552  
fax: +1 407 875-1161  
cdmsmith.com

January 11, 2013

Palm Beach County Water Utilities Department  
8100 Forest Hill Boulevard  
West Palm Beach, Florida 33413

Attention: Maurice Tobon, P.E., Director of Engineering, Water Utilities Department

RE: CDM CONSTRUCTORS INC.  
DISASTER RECOVERY SERVICES DESIGN/BUILD CONTRACT, PBC PROJECT  
NO. WUD 10-027 – ORIGINAL RESOLUTION NO. R 2010-0909, Originally dated  
June 8, 2010

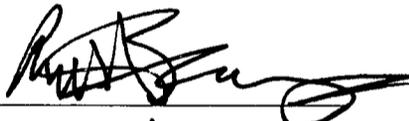
Dear Mr. Tobon:

This letter serves as our official notification of interest in renewing our Contract with Palm Beach County for design/build services as specified in the above reference through June 7, 2013.

We are in agreement that all provisions in the original Agreement remain in full force and effect.

Please indicate your acceptance of this proposal by proper signature below and returning same as fully executed to this office.

Sincerely,

Design/Builder:   
1/11/2013  
Date

Attest: Christine King  
1/11/2013  
Date





January 11, 2013  
Page 2 of 2  
Palm Beach County Water Utilities Department

Accepted by:  
Palm Beach County Board of Commissioners

By: \_\_\_\_\_  
Steven L. Abrams, Chairman

Approved: As To Form & Legal Sufficiency:

\_\_\_\_\_  
County Attorney

Attest:  
Sharon R. Bock, Clerk & Comptroller

\_\_\_\_\_  
Deputy Clerk

Approved: As to Terms and Conditions

  
\_\_\_\_\_  
Bevin A. Beudet, Director  
Water Utilities Department



## WORK AUTHORIZATION NO. 7

Project No. WUD 09-030

SRWRF Renewable Energy Project – Solar Energy Design/Build Services

Budget Line Item No. _	4011-721-W010-6545	\$474,967.00
	3903-721-W033-6545	\$450,000.00

Project Title: SRWRF Renewable Energy Project – Solar Energy Design/Build Services

District No.: 5

**THIS WORK AUTHORIZATION #7** to the Contract for Design/Build Services dated 6/8/2010 (R2010-0909). (Disaster Recovery Services Design/Build Contract), by and between Palm Beach County and the Design/Build entity identified herein, is for the Construction Services described in Item 3 of this Authorization. Palm Beach County's annual goal for SBE participation for this Contract is 15%. The Design/Build entity has agreed to exceed the goal with a 31% SBE participation overall. This Authorization includes 20.86% overall participation. The cumulative SBE participation, including this authorization is 28.77% overall, to date. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. DESIGN/BUILD ENTITY: CDM CONSTRUCTORS INC.

2. ADDRESS: 1601 Belvedere Road, Suite 400 East, West Palm Beach, FL 33406

3. Description of Services to be provided by the Consultant:

Design Services under Design/Build Contract between Palm Beach County and CDM Constructors Inc.

**SEE EXHIBIT "A".**

4. Services completed by the Design/Build entity to date:

**SEE EXHIBIT "B" and "C".**

5. Design/Build entity shall begin work promptly on the requested services.

6. The compensation to be paid to the design/build entity for providing the requested Services shall be:

Compensation of a Lump Sum Price in the amount of **\$899,967.00** and a not-to-exceed PBCWUD allowance of **\$25,000.00** for a total not-to-exceed value of **\$924,967.00**

7. This Consultant Services Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Design/Build entity, the Design/Build entity shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

8. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated 6/8/10 (R2010-0909) will remain in force and effect.

PROJECT NO. WUD 09-030:

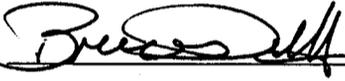
SRWRF Renewable Energy Project – Solar Energy Design/Build Services

Budget Line Item No. _	4011-721-W010-6545	\$474,967.00
	3903-721-W033-6545	\$450,000.00

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

CONSULTANT:  
FIRM: CDM Constructors Inc.

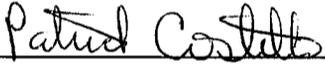
PALM BEACH COUNTY  
A POLITICAL SUBDIVISION OF THE  
STATE OF FLORIDA  
BOARD OF COUNTY COMMISSIONERS  
OF PALM BEACH COUNTY, FLORIDA

Signed:   
 Typed Name: Bruce Duff, PMP, DBIA  
 Title: Vice President  
 Date: 11/14/12

Signed: \_\_\_\_\_  
 Typed Name: Steven L. Abrams, Chairman 

ATTEST:

ATTEST:  
Sharon R. Bock, Clerk & Comptroller

Signed: 

\_\_\_\_\_  
(Deputy Clerk)

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY:

\_\_\_\_\_  
(County Attorney)

EXHIBIT A  
Scope of Work

## EXHIBIT A

### WORK AUTHORIZATION NO. 7

#### PALM BEACH COUNTY WATER UTILITIES DEPARTMENT

#### SCOPE OF WORK FOR

#### **SOUTHERN REGION WATER RECLAMATION FACILITY SOLAR ENERGY PROJECT - DESIGN/BUILD SERVICES**

#### INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Disaster Recovery Services Design/Build Contract, Project No. WUD 10-027 (CONTRACT) with CDM Constructors Inc. (Design/Build Entity) to provide services for various general activities (Disaster Recovery Services - Design/Build Contract). This Work Authorization will be performed under that CONTRACT. This Work Authorization encompasses providing services related to the backup emergency generation capacity of the Southern Region Water Reclamation Facility as identified in this Exhibit.

#### BACKGROUND

Design/Build Entity has contracted with COUNTY to provide Design/Build services prior to, during, and after storms. This Work Authorization will provide staff and materials to complete the SRWRF Solar Energy Project, which includes new solar panels and ancillary support systems at SRWRF to provide an alternate energy source in the event of an emergency or during a disaster. By utilizing these panels, SRWRF will be able to conserve fuel for the existing diesel generators in the event of a prolonged disaster. The following scope of services includes Design, Permitting, and Construction Services for the SRWRF Solar Energy Project.

#### SCOPE OF SERVICES

Design/Build Entity will complete the design, permitting, and construction of the SRWRF Solar Energy Project utilizing the following basis of design:

#### **Project Elements/Basis of Design**

- Design/Build entity will procure a complete ground mounted, ARRA Buy American compliant solar photovoltaic (PV) system, sized at a minimum to be 100kW. This system will include: solar panel arrays, inverters, aluminum ground mount rack system, wiring, fuses, breakers, conduit, connectors, and other ancillary equipment. Refer to preliminary system supplier quote in **Attachment A**.
- Solar PV arrays will be installed in one location at SRWRF. All arrays will be installed within the secured plant site, between the southern fence line and the injection well pads, east of the electrical building. An approximate location for the arrays has been included in **Attachment B**. Power generated by the arrays will be fed into the distribution system at the 480v level by means of existing Panelboards or Motor Control Centers.
- Electrical improvements will include grounding, wire and conduit connection from the inverter disconnect to the plant distribution equipment and modifications to the distribution equipment

including circuit breakers, controls and protective relaying (as required). It is intended that this equipment will be installed under the current net metering agreement and no changes to the overall plant metering will be required.

- Shallow spread footing foundations will be designed to support the solar PV system and meet 140 mph wind load requirements for the project site.
- Civil/site improvements will be designed to allow access to and drainage around the solar PV arrays.
- Survey, utility locates, and geotechnical evaluations will be performed as needed to support design development.

### Description of Services

Design/Build Entity will provide the following services associated with the project:

TASK 1	Engineering Services for Final Design
TASK 2	Engineering Services for Permitting
TASK 3	Engineering Services during Construction
TASK 4	Construction Services

The following paragraphs describe the services to be provided under each task:

#### TASK 1.0 - Engineering Services for Design

Design/Build Entity will perform design services for the SRWRF Solar Energy Project. The following subtasks detail the design effort to be completed under this Scope of Services.

**Subtask 1.1 Kickoff Meeting** – Design/Build Entity will prepare for and attend a project kickoff meeting with the County. At this meeting, the Design/Build entity will develop an agenda, facilitate the meeting, and develop and distribute minutes of the meeting. The agenda will include a discussion of project scope, specific design elements, schedule, and ARRA finding requirements.

**Subtask 1.2 Preparation of Drawings and Specifications** – Design/Build Entity will prepare drawings and specifications for the permitting and construction of the SRWRF Solar Energy Project. A preliminary site plan with a proposal location of the solar arrays has been included as Attachment B.

Design/Build Entity will develop drawings and specifications in accordance with the County Design Manual and County CADD standards to approximately a 60-percent completion level. At that time, Design/Build Entity will conduct an internal technical review of the design submittal in accordance with the corporate-mandated Quality Management System, as detailed in Subtask 1.3. Following incorporation of internal review comments, Design/Build Entity will submit the documents to the County for review. A preliminary specification and drawing list has been included as **Attachment C**. Design/Build Entity will meet with County staff as part of Subtask 1.4 to discuss review comments. Design/Build Entity will then incorporate any final review comments into a pre-final submittal, suitable for permitting. Design/Build Entity will submit the pre-final documents to County and permitting agencies (permitting is detailed in Task 2.0). Following receipt of any review comments from permitting agencies or the County, Design/Build Entity will develop final drawings and specifications issued for construction.

**Subtask 1.3 Internal Technical Review** – Design/Build Entity will conduct an internal technical review of the documents and specifications at the 60-percent design level, including appropriate

discipline cross-checking and red/yellow/green checking for quality control purposes. This internal technical review will be in accordance with the corporate-mandated Quality Management System.

**Subtask 1.4 Design Review Meeting(s) with County Staff** – Design/Build Entity will attend one design review meeting with County staff following the submittal of the 60-percent design drawings and specifications. Design/Build Entity will prepare and distribute minutes of the meeting. Review comments discussed at this review meeting will be incorporated into the pre-final submittal as detailed in Subtask 1.2. If the County desires, a second review meeting will be held following the pre-final submittal. Design/Build Entity will prepare and distribute minutes of the meeting. Review comments discussed at this review meeting will be incorporated into the final issued for construction submittal as detailed in Subtask 1.2.

#### **TASK 2.0 - Engineering Services for Permitting**

Design/Build Entity will complete the permitting summarized in the subtasks below for the SRWRF Solar Power Project.

**Subtask 2.1 FDEP Domestic Wastewater Permit - Notification Only** – Design/Build Entity will contact FDEP to inform them of the County's intent to construct the project. It is assumed that no domestic wastewater permitting will be required as part of this project.

**Subtask 2.2 Palm Beach County Permitting Support** – It is anticipated that a site plan modification will be required for this project. In addition, since the project is within restricted zones delineated in the County's wellfield protection ordinance, the County's Environmental Resource Management department must review the project. The County Water Utilities Department (WUD) staff will be responsible for coordinating with both the necessary departments for site plan approval and ERM for the wellfield protection aspect of the project. Design/Build Entity will support the WUD staff in these efforts by providing the necessary supporting documents and information for these permitting efforts. WUD staff will provide a list of information needed by each County department for local approval on this project.

**Subtask 2.3 SFWMD Environmental Resource Permit (ERP) Modification** – It is assumed that the new solar array will require shallow spread footings with minimal additional impervious surface area and that the existing stormwater management system is designed to accommodate this minimal additional area. Therefore, only a letter modification would be required for this project. Design/Build Entity will prepare and submit the letter request as well as all supporting documents. Design/Build Entity will respond to up to one (1) request for additional information. The County is responsible for any permit fees associated with this permitting effort.

**Subtask 2.4 Palm Beach County Building Department Approval** – Design/Build Entity will be obtaining a building permit from the County for this project as part of Task 4.0, Construction Services. The Engineering Team will support the Building Department permitting effort by responding to requests for information as needed to obtain the Building Permit for the project. Design/Build Entity shall be responsible for permit fees associated with the Building Permit. The Design/Build Entity will coordinate shop drawings submittals with the Building Department as needed to demonstrate satisfaction of wind loading requirements and product approval as applicable.

**Subtask 2.5 FPL Interconnection Agreement** - The Design/Build Entity will assist PBCWUD with the FPL interconnection agreement for this project. It is assumed that the interconnect

agreement process will be similar to the one used for the Digester Biogas Renewable Energy Project. Design/Build Entity will contact FPL to initiate the agreement process, determine if a new agreement is needed or if a modification can be made to the existing agreement, will assist PBCWUD in developing and submitting the application for the interconnection agreement and all supporting documentation. PBCWUD will be responsible for any fees associated with the application for the interconnection agreement. The Design/Build Entity will perform the required studies on the new equipment only to meet the FPL interconnection agreement requirements and will coordinate with FPL for final inspection of the installed equipment.

#### **TASK 3.0 - Engineering Services during Construction**

The following subtasks will be completed by the engineering team during the construction phase of the project.

**Subtask 3.1 Engineer's Site Visits** - Discipline engineers shall make visits to the site at intervals appropriate to the various stages of construction to observe, as an experienced and qualified design professional, the progress and quality of the various aspects of construction. These site visits will also be completed when unforeseen conflicts arise during the course of construction. Based on information obtained during such visits and such observations, the discipline engineers shall endeavor to determine in general if such work is proceeding in accordance with the design documents so that final certifications can be made both to the County and the permitting agencies that the work was completed according to the design documents. The County will also provide onsite project representatives to observe construction. As such, Design/Build Entity will not be providing any resident project representatives for this project.

**Subtask 3.2 Submittal Review** - Discipline engineers will review and approve (or take other appropriate action in respect of) Shop Drawings, Test Results, Samples, O&M manuals and other data which Contractor is required to submit. Discipline engineers will review all shop drawings submittals to verify compliance with the Florida Building Code wind ratings and product approval.

**Subtask 3.3 Interpretations or Clarifications** - Discipline engineers shall issue necessary clarifications and interpretations of the design documents as appropriate to the orderly completion of the work. Such clarifications and interpretations, including all field orders, will be consistent with the intent of and reasonably inferable from the design documents.

**Subtask 3.4 Substantial/Final Completion Inspection** - Discipline engineers shall attend all substantial and final completion inspections. During the substantial completion inspection, the Discipline engineers will work with County staff to assemble a punch list of items to be completed prior to final completion. Discipline Engineers will then determine if punch list items have been completed in accordance with the requirements of the design documents.

**Subtask 3.5 Record Drawings** - The discipline engineers will prepare and submit record drawings for the County. The documents will be provided both in electronic and hard copy format. Original AutoCAD files will also be submitted per the terms of the Agreement between Design/Build Entity and the County.

**Subtask 3.6 Final Certifications for Permits** - The discipline engineers shall submit all required certifications of completion to the permitting agencies delineated in Subtask 2.0. If supporting documents (such as record drawings) are required, the discipline engineers will be responsible for submitting those supporting documents on behalf of the County.

**Subtask 3.7 Monthly Construction Progress Meetings** – The discipline engineers will attend up to four monthly construction progress meetings as needed throughout the duration of construction. This will include the preconstruction meeting. The discipline engineers will be responsible for developing an agenda and developing and distributing minutes of the meeting.

#### TASK 4.0 - Construction Services

Design/Build Entity will construct the SRWRF Solar Energy Project in accordance with the design documents developed in Task 1.0, the permit conditions established in Task 2.0, and the requirements of the ARRA funding associated with the project—including the Buy American clause. The County will be responsible for all documentation associated with the ARRA funding. Design/Build Entity will provide necessary payroll documentation as needed to support the County's grant paperwork requirements.

The SRWRF Solar Energy Project includes the following project elements that were outlined in the Basis of Design, above, and will be refined during the final design of Task 1.0:

- Provide site/civil work including excavation, backfill, and grading for new concrete slabs to support solar panels as well as to provide stone & weed barrier for drainage & maintenance of solar panels.
- Provide & install solar panel racks as well as solar photovoltaic system at plant location.
- Furnish and install all power feeds from photovoltaic solar system to active electrical systems.
- Provide startup, testing and commissioning of the photovoltaic solar system electrical as specified in the Attachment A.
- Furnish bonds and insurance and pay taxes on equipment and goods.
- Provide a one-year warranty on all equipment.
- Provide spare parts as specified and listed in the vendor cost proposals.
- Meet general conditions to support the execution of the project including project mobilization, ongoing field supervision, construction management for the duration of the project, project safety requirements, construction surveying, activities to meet ARRA requirements, and other miscellaneous project expenses.

Subcontractors and equipment vendors have provided proposals based upon the above-referenced Basis of Design. Those quotes have been included in Attachment A and are the basis of this cost proposal.

#### EXCLUSIONS

- No new boundary survey will be needed for the building permit/site plan approval process. The boundary survey previously performed in March 2012 will be acceptable for permitting purposes.
- Electrical, pipe, and mechanical conflicts which are not visible or not indicated from underground locates or not shown on record drawings are not the responsibility of the Design/Build Entity.
- Design/Build Entity shall not complete electrical or other third party testing of existing electrical or mechanical equipment.
- County shall complete all site restoration including any resodding, relocation of sprinkler systems, or landscaping.
- No trees shall be removed or relocated as part of this project.

- No rock excavation or dewatering is included.
- Any electrical connections to the existing FPL grid are by others.
- No water or sewer utility service is needed the solar PV system location.
- Removal or transportation of contaminated soils or hazardous materials is not provided.
- No site office trailer will be provided.
- Builders Risk insurance will not be provided.
- Site plan amendments and ERM permitting associated with the wellfield protection ordinance are to be performed by the County.
- Permit fees are to be paid by the County.
- FPL meter fees are to be paid by the County, if applicable.
- The County is responsible for negotiation and execution of the FPL Interconnect Agreement.
- Documentation for ARRA Funding must be completed by the County.

#### QUALIFICATIONS

- Refer to Disaster Recovery Services Design/Build contact, dated June 8, 2010 for any claims and disputes.

#### COMPENSATION

Compensation for Construction Services for Work Authorization No. 7 (WA #7) will not exceed the lump sum amount of **\$899,967**, plus the allowance of \$25,000 as detailed below for a total not to exceed amount of **\$924,967**. **Attachment D** provides the cost break down and the fee. This pricing is based on receipt of executed work authorization no later than **December 19, 2012**.

#### SCHEDULE

The scheduled Completion Date for the scope of work associated with WA #7 will be based on the receipt of an executed work authorization no later than December 19, 2012 and will be Substantially Complete within 212 calendar days from NTP. Final Completion will be achieved within 30 days of Substantial Completion. A preliminary schedule has been included in **Attachment E**.

Liquidated Damages: Should the work not be completed within the milestones specified herein, liquidated damages will be assessed at \$500.00 per calendar day after the substantial completion date and \$100.00 per calendar day after the final completion date. Liquidated Damages will be capped at the funding amount of \$450,000.00.

#### CONTINGENCY

The lump sum price includes a Design/Builder controlled allowance in the amount of Zero Dollars (\$0) which is available for the Design/Builder's exclusive use for costs that are incurred in performing work that were unforeseen and not included in the lump sum price. Such cost may include, but not be limited to overtime, costs in correcting defective, damage or nonconforming work, design errors and omissions by sub-consultant and Subcontractor defaults. Any part of this contingency not used by the Design/Builder will be credited to the COUNTY at final project close-out. The lump sum price also includes a COUNTY controlled allowance in the amount of Twenty Five Thousand Dollars (\$25,000) which is available for the County's exclusive use. Any part of the allowance not used by the COUNTY will be credited to the COUNTY at final project close-out.

### COUNTY'S OBLIGATIONS

The County shall designate individuals who will be responsible to coordinate and schedule necessary facilities to facilitate construction and participate in testing for acceptance of the Work.

- The County shall promptly review and approve all submittals and select colors within one calendar week and notify design consultant of approval.
- The County shall assist in arranging for access to and make provisions for Design/Build Entity to enter upon public and private property as required by Design/Build Entity or one of its sub-consultants or subcontractors to perform its services.

### SBE PARTICIPATION

As prescribed under 1-3 (General Provisions) of the CONTRACT, Small Business Enterprise (SBE) participation is included in **Attachment F** under this Authorization. The attached Schedule 1 defines the SBE participation. All SBEs have completed the required Schedule 2 forms to support this project.

A location map for this project has been provided as **Attachment G**.

LIST OF ATTACHMENTS

ATTACHMENT A – Solar PV System Proposal from Potential Buy American Vendor,  
Including Photographs of Similar Installations

ATTACHMENT B – SRWRF Site Plan with Proposal Solar PV System Locations

ATTACHMENT C – Preliminary List of Drawings and Specifications

ATTACHMENT D – Budget Summary

ATTACHMENT E – Preliminary Project Schedule

ATTACHMENT F – SBE Schedules 1 & 2

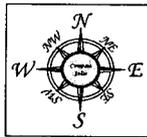
ATTACHMENT G – Location Map

**ATTACHMENT A**

**Solar PV System Proposal from Potential Buy American Vendor,  
Including Photographs of Similar Installations**

**Compass Solar Energy**  
Direction for Energy

2303 Town Street  
Pensacola, FL 32505  
850-439-0035  
info@compassolar.com



TO Tariq O. Khan CCE- MRICS  
CDM Smith  
2301 Maitland Center Pkwy Suite 300  
Maitland FL 32751

Design Ground

**Supervision Labor Only**  
**SRWRF Digester Biogas Renewable Energy Project**  
**Solar Photovoltaic System**

Design Ground

123.9kW and Ground Mounted Systems		123,900 Watts	
QTY	Description (Small Array) 23.1kW	Unit/Watts	Extended
77	Suniva Optimus 300 (Ground Mount)	\$348.30	\$26,819.10
1	PVP50KW-480 Inverter	\$30,536.88	\$30,536.88
0	Footing Concrete price per watt	\$0.00	\$0.00
38.5	Ground Mount Rack System	\$96.75	\$3,724.88
308	SnapNrack L-Foot Kit Clear 48 pack	\$2.17	\$667.50
231	SnapNrack Mid Clamp Kit 2" Clear 48 Pack	\$1.35	\$312.89
77	SnapNrack Kit Adjustable End Clamp 1.49"-2.0" Clear 12 Pack	\$2.33	\$179.79
995.87	SnapNrack Standard Rail Set Clear 162" - 112 Rails - 1512 LF Total	\$3.81	\$3,789.77
1	MNPV16 Combiner Box	\$411.97	\$411.97
14	USM1 Fuse Holder	\$12.00	\$167.96
14	15-amp 600VDC KLKD Fuse	\$8.00	\$111.97
1	400A Knife Switch 480V 3R Fused with Fuses 300A	\$1,806.00	\$1,806.00
1	KD 3400 400A Breaker 600V	\$1,991.76	\$1,991.76
QTY	Description (Large Array) 100.8kW	Unit/Watts	Extended
336	Suniva Optimus 300 (Ground Mount)	\$348.30	\$117,028.80
1	PVP100kW-480 Inverter	\$46,656.72	\$46,656.72
0	Footing Concrete price per watt	\$0.00	\$0.00
196	Ground Mount Rack System	\$96.75	\$18,963.00
1344	SnapNrack L-Foot Kit Clear 48 pack	\$2.17	\$2,912.72
1008	SnapNrack Mid Clamp Kit 2" Clear 48 Pack	\$1.35	\$1,365.34
336	SnapNrack Kit Adjustable End Clamp 1.49"-2.0" Clear 12 Pack	\$2.33	\$784.53
4345.6	SnapNrack Standard Rail Set Clear 162" - 112 Rails - 1512 LF Total	\$3.81	\$16,537.18
2	MNPV16 Combiner Box	\$411.97	\$823.95
28	USM1 Fuse Holder	\$12.00	\$335.92
28	15-amp 600VDC KLKD Fuse	\$8.00	\$223.94
1	400A Knife Switch 480V 3R Fused with Fuses 300A	\$1,806.00	\$1,806.00
1	KD 3400 400A Breaker 600V	\$1,991.76	\$1,991.76
Description (Congruencies)			
2	Monitoring System	\$5,805.00	\$11,610.00
1	Estimated Shipping	\$4,515.00	\$4,515.00
1	Equipment Rental	\$0.00	\$0.00
1	Engineering (Wind Loading)	\$5,934.00	\$5,934.00
123,900	Mobilization / Travel / Lodging	\$0.16	\$19,773.89
Labor			
123,900	PV System - Hardware, Wiring, Conduit, Connectors, Labeling & Safety Equipment	\$0.62	\$76,718.88
123,900	Electrical Labor, Building Wiring, Conduit Runs, and Trunk Lines	\$0.14	\$17,956.80
123,900	Configure, Testing, Pre-Wire, and PV Installation on Site	\$0.11	\$13,467.60
123,900	Balance of System and Training	\$0.15	\$18,585.00
<b>Equipment and Labor Total</b>			<b>\$448,511.49</b>
Optional Bond			\$11,156.72
Total with Bond			<b>\$459,668.21</b>
Price per Watt			<b>\$3.60</b>

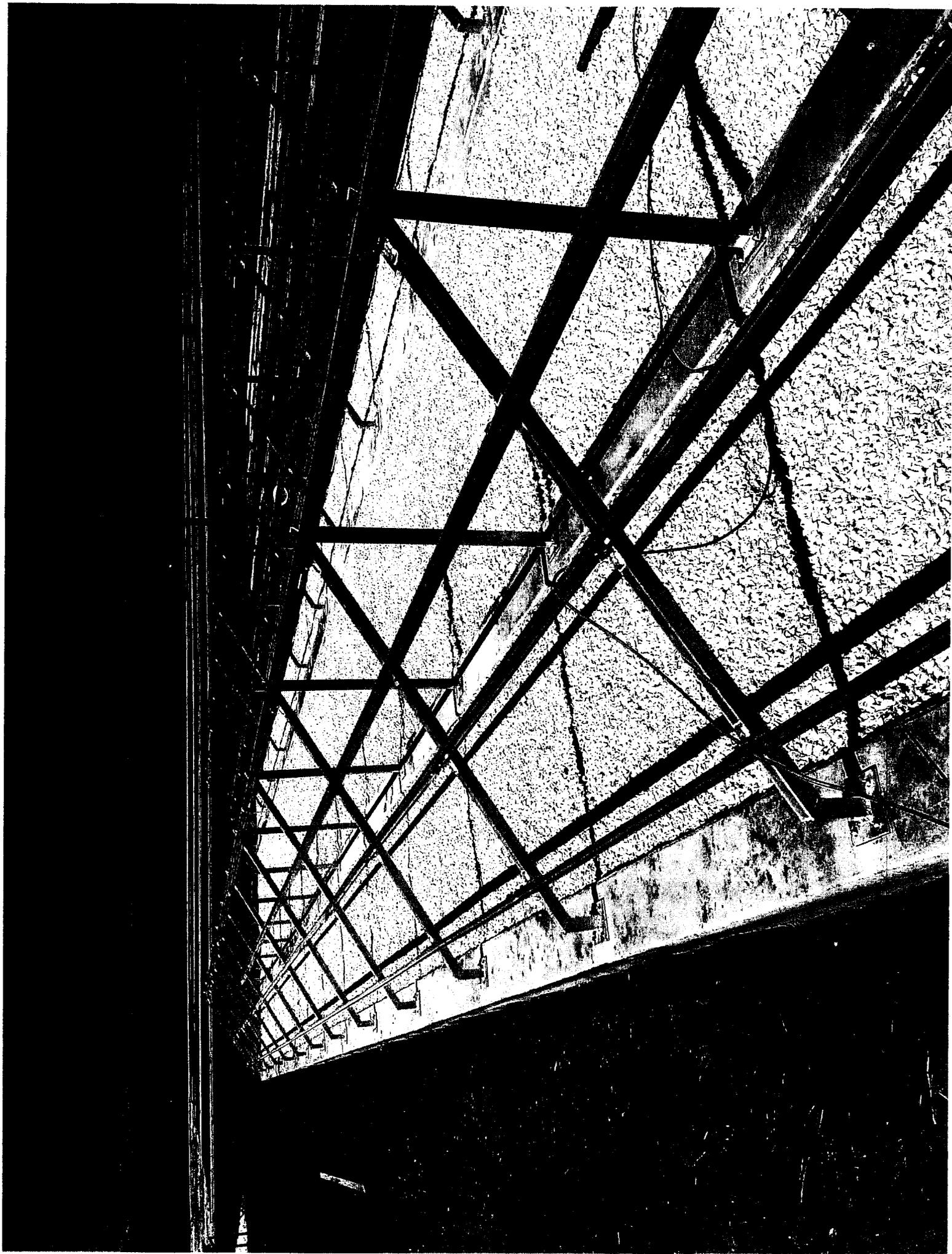
**Caveats / Basis of Design**

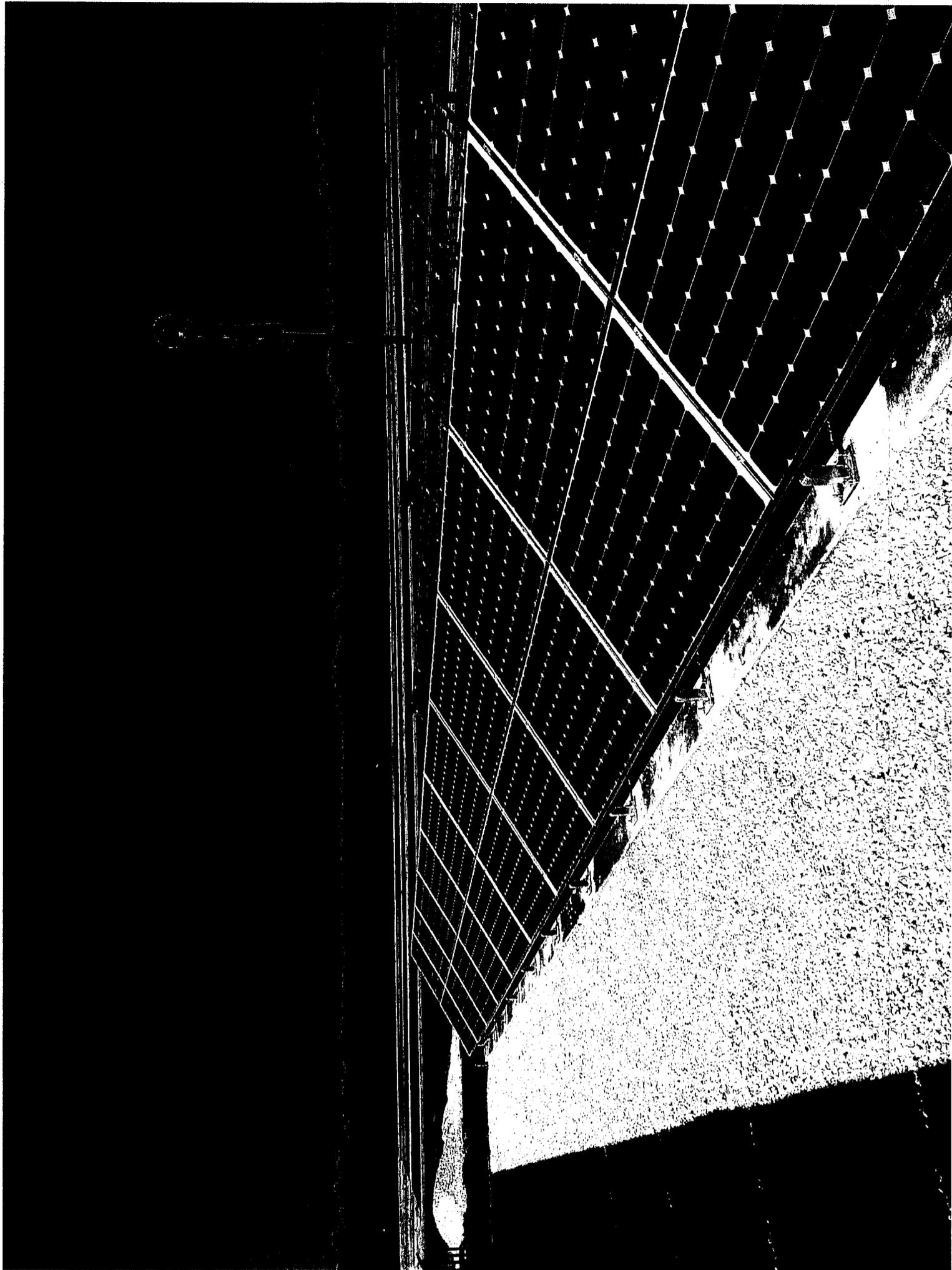
System Design - Ground Systems Array - 3 PH AC System Output - Turn Key to Demarcation  
Output of System Demarcation is to Main/Sub Electrical Panel.  
Compass Solar to Install PV Panels, Rack System, Inverters, and Wiring of System.  
Back Feed Breaker - Main/Sub Panels supplied by Electrical Contractor  
Wind Load Design 140 mph  
Wind Loading of panels and Mounts will be provided by Structural Engineer  
Concrete Footing and site prep work Not Included  
Supervision and Construction Labor Included with this Quote  
Quote Valid for 90 days  
Shipping Lead Time - Estimated 30- 120 days Shipping include PV, Solar, Wind in One Container  
Location Noted as per Site Plan Provided - Final Site Evaluation for Shading is not included in Quote  
Engineering to include System Design, Submittals and Project Close Out Documents

by David Lars Butler LEED\*AP BD+C - Project Estimator / Administrator  
date 10/25/12 (Revision 2)  
project Palm Beach FL

Accepted by:  
Signed  
Date

Compass Solar Energy:  
Signed  
Date





**ATTACHMENT B**

**SRWRF Site Plan with Proposal Solar PV System Locations**



**ATTACHMENT C**

**Preliminary List of Drawings and Specifications**

Preliminary List of Drawings:

Cover Sheet

G-1	Index, Notes, Symbols, Abbreviations, ARRA Requirements
C-1	Overall Project Site Plan
C-3	Grading, Paving, and Drainage Plan
C-4	Civil Details
S-1	Structural General Notes and Specifications
S-2	Solar PV System Foundation Plan
S-3	Structural Details
E-1	Symbols, Abbreviations, Electrical Site Plan
E-2	Solar Connection Riser Diagram and Schematic
E-3	Area 1 Power and Grounding Plan
E-4	Area 2 Power and Grounding Plan
E-5	Electrical Details

Preliminary List of Specifications:

01010	Summary of Work
01300	Submittals
01581	Project Construction Sign
01730	O&M Manuals
01740	Warranties and Bond
02100	Site Preparation
02200	Earthwork
02230	Granular Fill Materials
02270	Erosion and Sediment Control
02526	Sidewalks and Curbs
03200	Reinforcement
03250	Joints
03300	Concrete
03350	Finishes
05500	Miscellaneous Metals
16050	General Electrical Materials and Requirements
16600	Underground System
16660	Grounding System

**ATTACHMENT D**  
**Budget Summary**

## ATTACHMENT D

PBCWUD - SRWRF Solar Energy Project - Design/Build Services											
WA #7											
ENGINEERING SERVICES											
	Officer \$215	Principal/ Associate \$190	Senior Professional \$140	Professional II \$125	Senior Support Services \$105	Staff Support Services \$90	Project Admin \$90	Total Labor	Outside Professional (Survey)	Outside Professional (AGA)	Other Direct Costs
<b>Task 1: Design</b>											
1.1 Kickoff Meeting	2	4	6	0	0	0	2				
1.2 Preparation of Drawings and Specifications	2	12	40	4	12	28	16				
1.3 Internal TRC Review	4	8	0	0	0	0	0				
1.4 Design Review Meeting	2	4	6	0	0	0	2				
Project Management During Design (2 months)	2	0	8	0	0	0	2				
<b>SUBTOTAL TASK 1: FINAL DESIGN</b>	<b>12</b>	<b>28</b>	<b>60</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>22</b>	<b>\$ 22,560</b>	<b>\$ 2,500</b>	<b>\$ 6,000</b>	<b>\$ 1,000</b>
<b>Task 2: Permitting</b>											
2.1 FDEP Domestic Wastewater Permit	0	0	2	0	0	0	0				
2.2 PBC Permitting Support	0	0	8	0	0	0	2				
2.3 SFWMD ERP Permit	0	2	8	8	0	2	2				
2.4 PBC Building Permit Support	0	4	8	0	2	4	2				
2.5 FPL Interconnect Agreement	0	8	0	0	0	0	0				
Project Management During Permitting (1 months)	1	0	4	2	0	0	1				
<b>SUBTOTAL TASK 2: PERMITTING</b>	<b>1</b>	<b>14</b>	<b>30</b>	<b>10</b>	<b>2</b>	<b>6</b>	<b>7</b>	<b>\$ 9,705</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250</b>
<b>Task 3: Services During Construction</b>											
3.1 Engineer's Site Visits	0	4	4	0	0	0	0				
3.2 Shop Drawing Review	0	4	20	0	0	0	10				
3.3 Interpretations and Clarifications	0	4	4	0	0	0	0				
3.4 Substantial/Final Completion Inspection	0	0	4	0	0	0	0				
3.5 Record Drawings	0	4	4	0	4	8	4				
3.6 Final Certifications for Permits	0	2	2	0	0	0	0				
3.7 Monthly Construction Progress Meetings	0	0	8	0	0	0	4				
Project Management During Construction (4 months)	4	0	16	0	0	0	4				
<b>SUBTOTAL TASK 3: SERVICES DURING CONSTRUCTION</b>	<b>4</b>	<b>18</b>	<b>62</b>	<b>0</b>	<b>4</b>	<b>8</b>	<b>22</b>	<b>\$ 16,080</b>	<b>\$ -</b>	<b>\$ 2,000</b>	<b>\$ 1,000</b>
<b>TOTAL TASKS 1-3: ENGINEERING SERVICES</b>	<b>17</b>	<b>60</b>	<b>152</b>	<b>14</b>	<b>18</b>	<b>42</b>	<b>51</b>	<b>\$ 48,345</b>	<b>\$ 2,500</b>	<b>\$ 8,000</b>	<b>\$ 2,250</b>

ENGINEERING SERVICES COST SUMMARY	
Total Labor Dollars	\$ 48,345
Subconsultant (Project Surveying, Utility Locates)	\$ 2,500
Subconsultant (Alan Gerwig & Associates, Inc.)	\$ 10,000
Subconsultant Markup (10%)	\$ 1,250
Other Direct Costs	\$ 2,250
<b>TOTAL ENGINEERING SERVICES FEE (ROUNDED)</b>	<b>\$ 64,300</b>

**ATTACHMENT D**  
**PBCWUD - SRWRF Solar Energy Project**  
**Design/Build Services**

**Work Authorization #7**

<b>DESIGN/BUILD COST SUMMARY</b>	
General Conditions (Non-Labor)	\$ 23,911
Site Clearing and Gravel	\$ 32,126
Concrete Foundations, Anchors	\$ 93,639
Electrical Service and Distribution	\$ 4,957
Electrical Feeders	\$ 54,934
Bonds, Insurance, and taxes	\$ 25,515
<b>PURCHASES:</b>	
Solar PV System	\$ 450,000
<i>Subtotal Direct Costs</i>	
	\$ 685,082
Markup on construction services (12%)	\$ 82,210
<i>Subtotal of Direct Costs including Markup</i>	
	\$ 767,292
General Conditions (Management Labor)	\$ 68,375
Total Engineering Services	\$ 64,300
<i>Subtotal of Construction and Engineering</i>	
	\$ 899,967
PBCWUD Allowance	\$ 25,000
<b>TOTAL DESIGN/BUILD COST FOR WA#7</b>	<b>\$ 924,967</b>

**ATTACHMENT E**

**Preliminary Project Schedule**



**ATTACHMENT F**  
**SBE Schedules 1 & 2**



SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE SUBCONSULTANTS

PROJECT NAME: SRWRF Renewable Energy Project - Solar Energy DB PROJECT NO. WUD 09-030

NAME OF PRIME CONSULTANT: CDM Constructors Inc.

DESCRIPTION OF WORK: Design/Build of solar panels at SRWRF

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES OF SUBCONSULTANTS

Name, Address and Phone Number	(Check one or both Categories)		Subcontract Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Alan Gerwig & Assoc 12798 W Forest Hill Blvd Wellington, FL 33414	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$8,000.00	\$0.00
2. ProShell Construction Services, Inc. 1860 Old Okeechobee Rd Ste 501 West Palm Beach, FL 33409	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$125,000.00	\$0.00
3. Electron Corp of South Florida 6421 Winding Lake Dr Jupiter, FL 33458	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$60,000.00	\$0.00
4. _____ _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5. PRIME - CDM Constructors Inc 1601 Belvedere Road, Suite 400 E West Palm Beach FL	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00	\$0.00	\$731,967.00	\$0.00
(Please use additional sheets if necessary)		Total (\$)	\$0.00	\$0.00	\$0.00	\$924,967.00	\$0.00

Total Price (\$) \$924,967.00

Total SBE Participation \$193,000.00

SBE (%) 20.87%

- Note:
- The amounts listed on this form must be supported by the Sub consultant prices included on Schedule 2 in order to be counted toward goal attainment.
  - Firms may be certified by Palm Beach County as an SBE and/or M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
  - M/WBE information is being collected for tracking purposes only



SCHEDULE # 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. \_\_\_\_\_ PROJECT NAME: SRWRF Solar Energy Project

TO: CDM Constructors Inc.  
*(Name of Prime Consultant)*

The undersigned is certified by Palm Beach County as a(n) - *(check one or more, as applicable):*

Small Business Enterprise  Minority Business Enterprise

Black  Hispanic  Women  Caucasian  Other (Please Specify)

Date of Palm Beach County Certification: 12/28/29

The undersigned is prepared to perform the following described work in connection with the above project  
(Specify in detail particular work items or parts thereof to be performed):

Structural design for solar panel foundations  
\_\_\_\_\_  
\_\_\_\_\_

at the following price (\$) \$8,000.00  
*(Sub-consultant's fee)*

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE sub-consultant, the amount of any such subcontract must be stated: (\$) \$0.00

The undersigned sub-consultant understands that the provision of this form to prime consultant does not prevent sub-consultant from providing services to other consultants.

Alan Gerwig & Associates, Inc.  
*(Print name of SBE-M/WBE Sub-consultant)*

By: Alan Gerwig  
*(Signature)*

Alan Gerwig / President  
*(Print name/title of person executing on behalf of SBE-M/WBE Sub-consultant)*

Date: 11/13/12



SCHEDULE # 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONSULTANT

PROJECT NO. \_\_\_\_\_ PROJECT NAME: SRWRF Solar Energy Project

TO: CDM Constructors Inc.
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a(n) - (check one or more, as applicable):

- Small Business Enterprise [checked] Minority Business Enterprise [ ]
Black [ ] Hispanic [ ] Women [ ] Caucasian [ ] Other (Please Specify) [ ]

Date of Palm Beach County Certification: \_\_\_\_\_

The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail particular work items or parts thereof to be performed):

Furnish and install all power feeds from photovoltaic solar array to active electrical system

at the following price (\$) \$60,000.00
(Sub-consultant's fee)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE sub-consultant, the amount of any such subcontract must be stated: (\$) \$0.00

The undersigned sub-consultant understands that the provision of this form to prime consultant does not prevent sub-consultant from providing services to other consultants.

Electron Corp. of South Florida
(Print name of SBE-M/WBE Sub-consultant)

By: [Signature]
(Signature)

Albert Laessic, President
(Print name/title of person executing on behalf of SBE-M/WBE Sub-consultant)

Date: 11/14/12

**ATTACHMENT G**

**Location Map**

ATTACHMENT G - LOCATION MAP  
 SRWRF Solar Energy Project - Design/Build Services



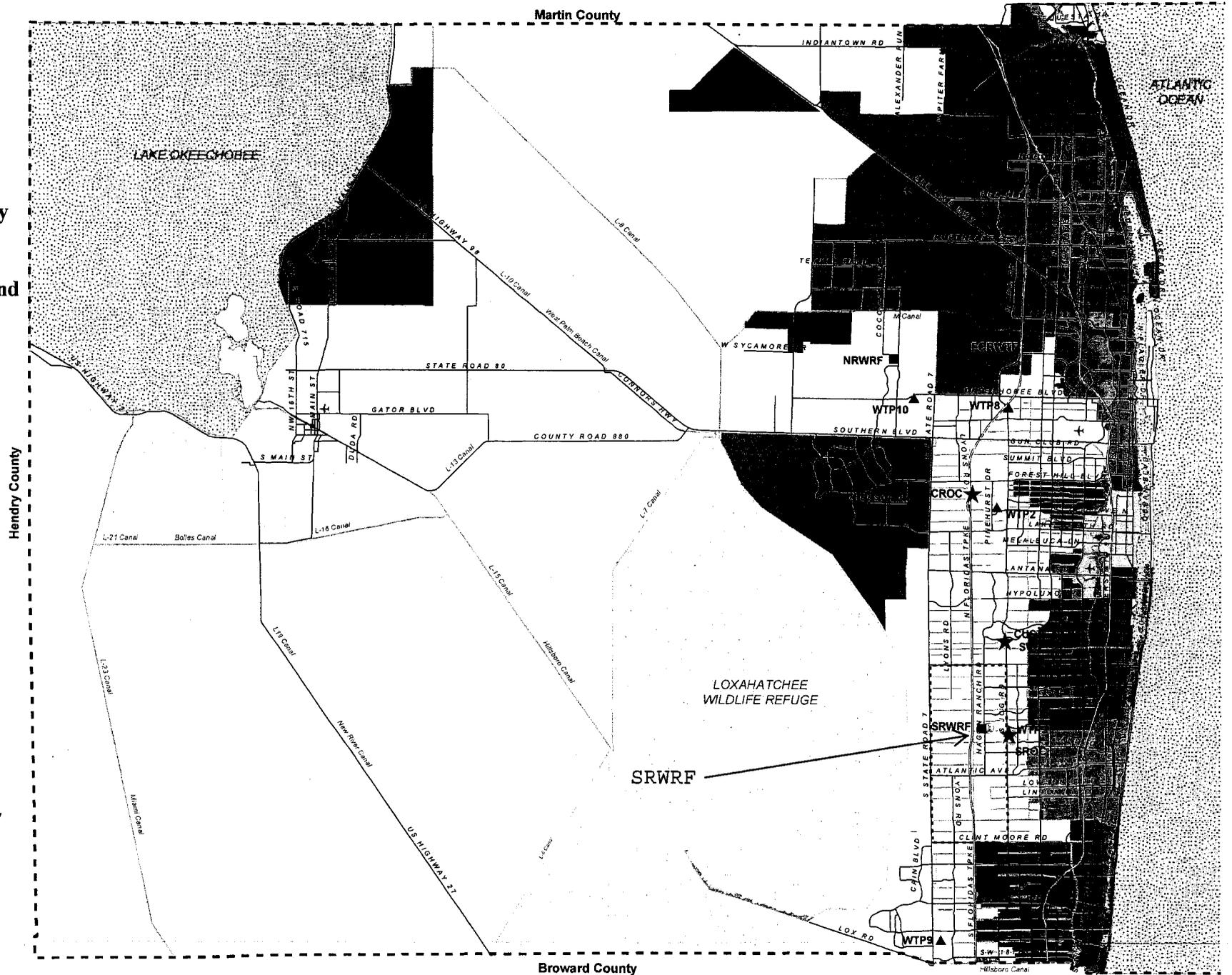
Palm Beach County  
 Water Utilities  
 Department  
 Service Area (SA) and  
 Major Facilities

Legend

- P.B.C.W.U.D. SA
- ..... Mandatory Reclaimed SA
- - - Palm Beach County Limits
- ★ Administration
- Water Reclamation Facility
- ▲ Water Treatment Facility
- ☉ Wetlands



NOT TO SCALE



**EXHIBIT B**

**Summary and Status of Requests for Authorizations**

**EXHIBIT B**

**AUTHORIZATION STATUS REPORT**

**WORK AUTHORIZATION NO. 7**

**SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS**

<b>AUTH NO.</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>PROJECT TOTAL AMOUNT</b>	<b>DATE APPROVED</b>	<b>WUD NO. ASSIGNED</b>
<b>WORK AUTHORIZATIONS</b>					
1	Customer Service Building Hurricane Hardening	Approved	\$ 160,757.00	7/28/2010	10-055
2	Water Treatment Plant #9 Hurricane Hardening	Approved	\$ 199,941.00	9/22/2010	10-057
3	Water Treatment Plant #2 Hurricane Hardening	Approved	\$ 198,442.00	9/29/2010	10-056
4	Hurricane Hardening of WTP 2, WTP 9 and CROC	Approved	\$ 169,754.00	11/16/2010	10-058
5	Customer Service Building Security Glass	Approved	\$ 62,215.00	1/4/2011	11-046
6	SRWRF Digester Biogas Renewable Energy Project	Approved	\$ 3,315,721.00	6/28/2011	09-030
7	SRWRF Solar Energy Design Build Project	Pending	\$ 924,967.00	TBD	09-030
<b>CONSULTANT SERVICES AUTHORIZATIONS</b>					
1	Alternate Emergency Operations Center to Central Control Room - Alternate EOC	Approved	\$ 39,930.00	10/14/2010	11-008
2	SRWRF Digester Biogas Renewable Energy Generator Project - Design Development	Approved	\$ 99,850.00	2/16/2011	09-030
3	Central Monitoring Facility - Final Design	Approved	\$ 120,646.00	6/28/2011	11-008
	Supplement No. 1 to CSA 3	Approved	\$ 30,810.00	11/17/2011	11-008
	Supplement No. 2 to CSA 3	Approved	\$ 29,500.00	7/17/2012	11-008
	Supplement No. 3 to CSA 3	Approved	\$ 94,950.00	8/11/2012	11-008
<b>TOTALS</b>			<b>\$ 5,447,483.00</b>		

**EXHIBIT C**

**Summary of SBE Tracking System**

EXHIBIT C

AUTHORIZATION STATUS REPORT

WORK AUTHORIZATION NO. 7

SUMMARY OF SBE TRACKING SYSTEM

	TOTAL	SBE
<u>Current Proposal</u>		
Value of Consultant Services Authorization	\$ -	
Value of Work Authorization	\$ 924,967	
Value of Consultant Services & Work Authorizations	\$ 924,967	
Value of SBE Letters of Intent	\$ 193,000	\$ 193,000
Actual Percentage	20.86%	20.86%
<u>Signed/ Approved Authorizations</u>		
Work Authorization No. 1	\$ 160,757	\$ 91,903
Work Authorization No. 2	\$ 199,941	\$ 96,105
Work Authorization No. 3	\$ 198,442	\$ 87,151
Work Authorization No. 4	\$ 169,754	\$ 102,210
Work Authorization No. 5	\$ 62,215	\$ 41,728
Work Authorization No. 6	\$ 3,315,721	\$ 893,369
Total Value of Signed Work Authorizations	\$ 4,106,830	\$ 1,312,466
Consultant Services Authorization No. 1	\$ 39,930	\$ -
Consultant Services Authorization No. 2	\$ 99,850	\$ 60,000
Consultant Services Authorization No. 3	\$ 120,646	\$ 1,960
Supplement No. 1 to Consultant Services Authorization No. 3	\$ 30,810	\$ -
Supplement No. 2 to Consultant Services Authorization No. 3	\$ 29,500	\$ -
Supplement No. 3 to Consultant Services Authorization No. 3	\$ 94,950	\$ -
Total Value of Signed Consultant Services Authorizations	\$ 415,686	61,960
Value of Consultant Service & Work Authorizations	\$ 4,522,516	
Total Value of SBE Letters of Intent	\$ 1,374,426	\$ 1,374,426
Actual Percentage	30.39%	30.39%
<u>Signed Authorizations Plus Current Proposal</u>		
Total Value of Work Authorizations	\$ 5,031,797	
Total Value of Consultant Services Authorizations	\$ 415,686	
Total Value of Consultant Services & Work Authorizations	\$ 5,447,483	
Total Value of Subcontracts & Letters of Intent	\$ 1,567,426	\$ 1,567,426
Actual Percentage	28.77%	28.77%
CDM SBE PARTICIPATION GOAL	31.00%	
GOAL	15.00%	

13 - 0289

BGRV 720 111512\*114

BGEX 720 111512\*417

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET: AMENDMENT  
FUND 4011: Water Utilities Department Capital Improvement Fund**

Use this form for items not anticipated in the budget

Account		Original Budget	Current Budget	Increase	Decrease	Adjusted Budget	Encumbered As of 11/15/12	Remaining Balance
Number	Name							
<u>Capital Improvement Fund</u>								
<u>Receipts and Revenues</u>								
4011-800-4211-8208	Transfer from Revenue Fund	35,469,400	35,469,400		50,000	35,419,400		
<b>Total receipts and revenues</b>		<b>185,860,182</b>	<b>180,804,992</b>	<b>0</b>	<b>50,000</b>	<b>180,754,992</b>		
<u>Expenditures and Reserves</u>								
4011-720-9900-9909	Reserves	55,689,494	55,689,494		50,000	55,639,494	0	55,639,494
<b>Total expenditures and reserves</b>		<b>185,860,182</b>	<b>180,804,992</b>	<b>0</b>	<b>50,000</b>	<b>180,754,992</b>		

Water Utilities Department

Initiating Department/Division

Administration/Budget Department Approval

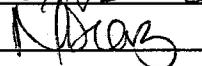
OFMB and Budget Department - Posted

Signatures

Date

By Board of County Commissioners

At Meeting of 12/12/2012 2/5/13

  
  
 \_\_\_\_\_  
 \_\_\_\_\_

12/3/12  
12/12/12 <sup>2012</sup>

\_\_\_\_\_  
 Deputy Clerk to the  
 Board of County Commissioners

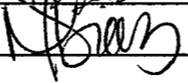
Attachment C

12/6/12

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET: TRANSFER  
FUND 4000: Water Utilities Department Revenue Fund**

Use this form for items not anticipated in the budget

Account		Original Budget	Current Budget	Increase	Decrease	Adjusted Budget	Encumbered As of 11/15/12	Remaining Balance
Number	Name							
<u>Revenue Fund</u>								
<u>Expenditures and Reserves</u>								
4000-820-9000-9211	Transfer to Fund 4011	35,469,400	35,469,400		50,000	35,419,400	2,770,596	32,648,804
4000-820-9000-9319	Transfer to Fund 1106	0	0	50,000	0	50,000	0	50,000
<b>Total expenditures and reserves</b>				<u>50,000</u>	<u>50,000</u>			

<u>Water Utilities Department</u>	<b>Signatures</b>	<b>Date</b>	By Board of County Commissioners
Initiating Department/Division		12/3/12	At Meeting of <u>12/18/2012</u> 2/5/13
Administration/Budget Department Approval		12/11/2012 <sup>3145</sup>	_____
OFMB and Budget Department - Posted	_____	_____	Deputy Clerk to the Board of County Commissioners

EA  
12/16

13- 0288

BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET AMENDMENT

Page 1 of 1

BGRV 143-111512\*0113  
BGEX 143-111512\*0413

FUND 1106 -Disaster Recovery Initiative

Use this form to provide budget for items not anticipated in the budget.

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED	REMAINING BALANCE
<b>REVENUE</b>								
143-1421-8208	Transfer from WUD Fund 4000	0	0	50,000	0	50,000		
<b>TOTAL REVENUE</b>		<u>5,694,896</u>	<u>12,576,349</u>	<u>50,000</u>	<u>0</u>	<u>12,626,349</u>		
<b>EXPENDITURES</b>								
143-1421-9902	Operating Reserves	0	0	50,000		50,000		
<b>TOTAL EXPENDITURES</b>		<u>5,694,896</u>	<u>12,576,349</u>	<u>50,000</u>	<u>0</u>	<u>12,626,349</u>		

Department of Economic Sustainability  
INITIATING DEPARTMENT/DIVISION  
Administration/Budget Department Approval  
OFMB Department - Posted

Signatures

*Edward R. Fong*  
*[Signature]*

Date

*11/15/2012*  
*[Signature]* JB 12/5

*Re 11/15/12*

By Board of County Commissioners  
At Meeting of :  
~~December 18, 2012~~ *2/5/13*  
Deputy Clerk to the  
Board of County Commissioners

*[Signature]* 12/6/12

13- 0291

BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET TRANSFER

Page 1 of 1 pages

BGEX 143-111512\*0412

FUND 1541 Energy Efficiency & Co

Use this form to provide budget for items not anticipated in the budget.

ACCT.NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 11/15/2012	REMAINING BALANCE
<b><u>EXPENDITURES</u></b>								
820-9100-9378	Tr To Energy Efficiency Fd 3903	523,473	523,473	450,000		973,473	0	973,473
143-2109-8201	Contributions Other Govtl Agencies	743,624	743,624		450,000	293,624	10,000	283,624
	<b>TOTALS</b>			<u>450,000</u>	<u>450,000</u>			

<p>Administration <u>INITIATING DEPARTMENT/DIVISION</u> Administration/Budget Department Approval OFMB Department - Posted</p>	<p>Signatures</p> <p><u>[Signature]</u> <u>[Signature]</u></p>	<p>Date</p> <p><u>11-15-12</u> <u>12/12/12</u> JB145</p>	<p>By Board of County Commissioners At Meeting of <u>December 18, 2012</u> 2/5/13 Deputy Clerk to the Board of County Commissioners</p>
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11/15/12

12/16/12

Attachment F

BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET AMENDMENT

BGEX 143-111512\*0411  
BGRV 143-111512\*0112

FUND 3903 Energy Efficiency & Conservation Block Grant-EECBG-Capital

ACCT.NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 11/15/2012	REMAINING BALANCE
<b>REVENUES</b>								
800-9100-8377	Tr From EECBG Fund 1541	523,473	523,473	450,000	0	973,473		
<b>Total Receipts and Balances</b>		<b>523,473</b>	<b>10,124</b>	<b>450,000</b>	<b>0</b>	<b>460,124</b>		
<b>EXPENDITURES</b>								
721-W033-6545	Wastewater Treatment Plant	435,011	9,350	450,000	0	459,350	0	459,350
<b>Total Appropriations &amp; Expenditures</b>		<b>523,473</b>	<b>10,124</b>	<b>450,000</b>	<b>0</b>	<b>460,124</b>		

Signatures & Dates

DEPARTMENT OF ECONOMIC SUSTAINABILITY  
INITIATING DEPARTMENT/DIVISION  
Administration/Budget Department Approval  
OFMB Department - Posted

*Shirley Howard* 11-15-12  
*A. Diaz* 12/12/12

By Board of County Commissioners  
At Meeting of:

-December 18, 2012 2/5/13

Deputy Clerk to the  
Board of County Commissioners

*11/15/12*

*12/6/12*

BUDGET AVAILABILITY STATEMENT

Attachment H

REQUEST DATE: November 16, 2012

REQUESTED BY: Guy Eggertsson

PHONE: 493-6011

PROJECT TITLE: Solar Energy

PROJECT NO.: N/A

LOCATION:

LOCATION DESCRIPTION:

BUILDING NUMBER: N/A

CONTRACTOR/CONSULTANT NAME:

PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR: DES has provided funding through the DOE Energy Efficiency and Conservation Block Grant for new solar panels and ancillary support at the Southern Region Water Reclamation Facility.

WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT? IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

CONSTRUCTION	<u>\$450,000.00</u>
ARCHITECT/ENGINEER/CONSULTANT	_____
STAFF COSTS*	_____
EQUIPMENT/ OTHER	_____
CONTINGENCY	_____
TOTAL	<u>\$450,000.00</u>

\*By signing this BAS your department agrees to these staff costs and your account will be charged upon receipt of this BAS by WUD. Unless there is a change in the scope of work, no additional staff charges will be billed.

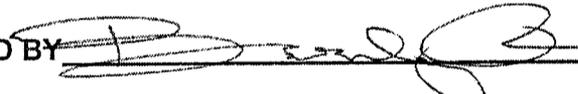
BUDGET ACCOUNT NUMBERS (IDENTIFY ALL SOURCES) FUNDING SOURCE (CHECK ALL THAT APPLY)

FUND:	DEPT:	UNIT:	OBJ:	SUBOBJ:
3903	721	W033	6545	

AD VALOREM     OTHER GRANT(S)     FEDERAL/DAVIS BACON

If Grant(s), specify name of Grant(s): DOE Energy Efficiency and Conservation Block Grant

SUBJECT TO INSPECTOR GENERAL FEE     YES     NO

BAS APPROVED BY  DATE: 11-16-12

ENCUMBRANCE NUMBER: \_\_\_\_\_

