



# MANATEE COUNTY

June 20, 2012

All Interested Bidders:

SUBJECT:

Invitation for Bid #12-1310-OV  
SWWRF Lake Filtration System and North Pond Improvements  
Bradenton, FL, Manatee County Project No.: 6079180

## **ADDENDUM #7**

**Bidders are hereby notified that this Addendum shall be acknowledged on the attached page 00300-1(a) of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

**The stated deadline of May 11, 2012 to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has lapsed.** This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

**Bidders Note:** Attached McKim & Creed Correspondence dated June 20, 2012 providing clarification pertaining to the Specifications, specifically, **SECTION 01150, MEASUREMENT AND PAYMENT REVISION** (1 Total Page Attached).

**DELETE:** Section 01150 Revision 1, Addendum #4 which was issued on June 7, 2012 AND:

**REPLACE:** Section 01150, Revision 2, dated June 20, 2012 (10 Total Pages Attached).

**DELETE:** Addendum #4 Bid Forms "A" and "B" dated June 6, 2012 AND:

**REPLACE:** Bid Forms "A" and "B" dated June 20, 2012 which is made a part of this Addendum #7. (6 Total Pages Attached).

Financial Management Department - Purchasing Division  
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
Phone: 941-749-3055 - Fax: 941-749-3034

LARRY BUSTLE \* MICHAEL GALLEN \* JOHN R. CHAPPIE \* ROBIN DISABATINO \* DONNA G. HAYES \* CAROL WHITMORE \* JOE McCLASH  
*District 1      District 2      District 3      District 4      District 5      District 6      District 7*

June 20, 2012

SUBJECT: Invitation for Bid #12-1310-OV  
SWWRF Lake Filtration System and North Pond Improvements  
Bradenton, FL, Manatee County Project No.: 6079180

**ADDENDUM #7 / Page 2 of 2**

**The Bid Opening date has been revised to June 25, 2012 at 2:00 PM.**

**Previous Bid Opening: June 20, 2012 at 11:00 am**

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

**END OF ADDENDUM #7**

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205.** **Bids will be received until 2:00 PM, June 25, 2012.**

Sincerely,



Melissa M. Wendel, CPPO,  
Purchasing Official

Ov  
(17 Total Pages Attached)

**To All Bidders,**

**Subject: Invitation for Bid #12-1310-OV  
SWWRF Lake Filtration System and North Pond Improvements  
Bradenton, FL / Manatee County Project No.: 6079180**

**Addendum No. 7**

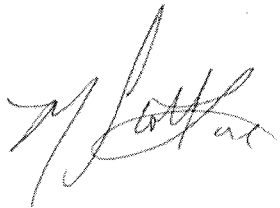
**June 20, 2012**

The following items are issued to modify and clarify the bid and contract documents. These items shall have the same force and effects as the original bidding and contract documents, and costs involved shall be included in the bid prices. Bids to be submitted on the specified bid date shall conform to the additions and revisions listed herein.

**PART II – PERTAINING TO THE SPECIFICATIONS**

1. SECTION 01150 MEASUREMENT AND PAYMENT REVISION 1: Delete Section 01150 Revision 1 and replace with the attached Section 01150, Revision 2.

Sincerely,  
**McKIM & CREED, Inc.**



**Matthew S. Love, P.E.**  
Project Manager

**BID FORM – ADDENDUM #7 (6.20.2012)**  
**SECTION 00300 – IFB #12-1310-OV**

**For: SWWRF Lake Filtration System and North Pond Improvements, Bradenton, FL**

**Manatee County Project No.: 6079180**

<b>TOTAL BID PRICE “A”: \$ _____</b>
Based on a Completion Time of <b><u>730</u></b> calendar days
<b>TOTAL BID PRICE “B”: \$ _____</b>
Based on a Completion Time of <b><u>640</u></b> calendar days

**Two schedules for Completion of the Work shall be considered. Each bid for completion by the specified stated time shall be offered as a separate “Total Bid Price”. The County has the sole authority to select the bid based on the Completion Time which is the best interest of the County. Only one award shall be made.**

We, the undersigned, hereby declare that we have carefully reviewed the bid documents, and with full knowledge and understanding of the aforementioned herewith submit this bid, meeting each and every specification, term, and condition contained in the Invitation for Bids.

We understand that the bid technical specifications, terms, and conditions in their entirety shall be made a part of any agreement or contract between Manatee County and the successful bidder. Failure to comply shall result in contract default, whereupon, the defaulting contractor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.

Communications concerning this Bid shall be addressed as follows:

Person's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Date: \_\_\_\_\_ FL Contractor License# \_\_\_\_\_

Bidder is a WBE/MBE Vendor? \_\_\_\_\_ Certification \_\_\_\_\_

**BID FORM (Continued)**

**ADDENDUM #7 (6.20.2012)**

**SECTION 00300 – IFB #12-1310-OV**

**For: SWWRF Lake Filtration System and North Pond Improvements, Bradenton,  
FL**

COMPANY'S NAME: \_\_\_\_\_

AUTHORIZED SIGNATURE(S): \_\_\_\_\_

Name and Title of Above Signer(s) \_\_\_\_\_

CO. MAILING ADDRESS: \_\_\_\_\_

\_\_\_\_\_

STATE OF INCORPORATION \_\_\_\_\_ (if applicable)

TELEPHONE: (    ) \_\_\_\_\_ FAX: (    ) \_\_\_\_\_

Email address: \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

**SIGN AND CONFIRM DATE OF PROJECT VISIT: \_\_\_\_\_ DATE: \_\_\_\_\_**

# BID FORM A

MANATEE COUNTY / IFB #12-1310-OV / ADDENDUM #7 (06.20.2012)

SWWRF LAKE FILTRATION AND NORTH POND IMPROVEMENTS, BRADENTON

MANATEE COUNTY, FL PROJECT NO.: 6079180

BASED ON A COMPLETION TIME OF BID "A" 730 CALENDAR DAYS

Bid Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
1	SWWRF Mobilization/Demobilization	1	LS	\$	\$
2	Demolition	1	LS	\$	\$
3A	Reject Storage Pond and North Reclaimed Water Storage Pond Improvements	1	LS	\$	\$
3B	Unsuitable Materials: Remove and Replace . (ADDENDUM #7 / 6.20.2012)	5,000	CY	\$	\$
4	Disk Filters	1	LS	\$	\$
5	Reclaimed Water Return Pump Station	1	LS	\$	\$
6	Waste Backwash Pump Station	1	LS	\$	\$
7	North Pond Outlet Structure Improvements	1	LS	\$	\$
8	Effluent Pump Station Flowmeter Assembly	1	LS	\$	\$
9	Chlorination Facilities	1	LS	\$	\$
10	Site Piping	1	LS	\$	\$
11	Replace Intake Structure Screens in Middle and South Ponds and Refurbish Middle Pond Outfall	1	LS	\$	\$
12	Unfiltered Pump Station	1	LS	\$	\$
13	Electrical Work & Instrumentation	1	LS	\$	\$
14	Discretionary Work	1	LS		\$ 500,000.00
<b>TOTAL BASE BID PRICE FOR BID ITEMS 1 THROUGH 14 (BASED ON BID "A" 730 CALENDAR DAYS COMPLETION)</b>					\$

BIDDER: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_

00300-2

BID "A"

Addendum #7 (06.20.2012)

**BID FORM A****MANATEE COUNTY / IFB #12-1310-OV / ADDENDUM #7 (06.20.2012)****SWWRF LAKE FILTRATION AND NORTH POND IMPROVEMENTS, BRADENTON****MANATEE COUNTY, FL PROJECT NO.: 6079180****BASED ON A COMPLETION TIME OF BID "A" 730 CALENDAR DAYS**

	<b>BID ALTERNATE ITEMS 15, 16 AND 17</b>				
15	Hauling of Fill from Perico Preserve Excavation Site	150,000	CY	\$	\$
16	Fill Quantity Deduction from Perico Preserve Excavation Site	150,000	CY	\$	\$
17	<b>2 Year Warranty Bond (ADDENDUM #4 06.07.2012)</b>	<b>1</b>	<b>LS</b>	<b>\$</b>	<b>\$</b>

The BIDDER must submit a bid for bid items 1 through 14 and the sum of these bid items will be considered the Total Amount of Base Bid. The BIDDER must also submit unit prices for Bid Alternate Items 15, 16 and 17. The BIDDER must submit a bid on all items or the bid shall be considered irregular. The OWNER reserves the right to accept or reject the bid. The OWNER, or his representative, further reserves the unqualified right to determine whether any particular item or items or materials, equipment, or whatsoever is an approved equal, and reserves the unqualified right to a final decision regarding the approval or rejection of the same. The bid selection shall be based on the apparent low bidder for the **"TOTAL AMOUNT OF THE BASE BID AND ANY COMBINATION OF THE BID ALTERNATES "**.

BIDDER:\_\_\_\_\_

AUTHORIZED SIGNATURE:\_\_\_\_\_

00300-3

BID "A"

Addendum #7 (06.20.2012)

**BID FORM B****MANATEE COUNTY / IFB #12-1310-OV / ADDENDUM #7 (06.20.2012)****SWWRF LAKE FILTRATION AND NORTH POND IMPROVEMENTS, BRADENTON****MANATEE COUNTY, FL PROJECT NO.: 6079180****BASED ON A COMPLETION TIME OF BID "B" 640 CALENDAR DAYS**

<b>Bid Item No.</b>	<b>Description</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	SWWRF Mobilization/Demobilization	1	LS	\$	\$
2	Demolition	1	LS	\$	\$
3A	Reject Storage Pond and North Reclaimed Water Storage Pond Improvements	1	LS	\$	\$
3B	Unsuitable Materials: Remove and Replace . (ADDENDUM #7 / 6.20.2012)	5,000	CY	\$	\$
4	Disk Filters	1	LS	\$	\$
5	Reclaimed Water Return Pump Station	1	LS	\$	\$
6	Waste Backwash Pump Station	1	LS	\$	\$
7	North Pond Outlet Structure Improvements	1	LS	\$	\$
8	Effluent Pump Station Flowmeter Assembly	1	LS	\$	\$
9	Chlorination Facilities	1	LS	\$	\$
10	Site Piping	1	LS	\$	\$
11	Replace Intake Structure Screens in Middle and South Ponds and Refurbish Middle Pond Outfall	1	LS	\$	\$
12	Unfiltered Pump Station	1	LS	\$	\$
13	Electrical Work & Instrumentation	1	LS	\$	\$
14	Discretionary Work	1	LS		\$ 500,000.00
<b>TOTAL BASE BID PRICE FOR BID ITEMS 1 THROUGH 14 (BASED ON BID "A" 640 CALENDAR DAYS COMPLETION)</b>					\$

BIDDER:\_\_\_\_\_

AUTHORIZED SIGNATURE:\_\_\_\_\_

00300-4

BID "B"

Addendum #4 (06.07.2012)



**BID FORM B****MANATEE COUNTY / IFB #12-1310-OV / ADDENDUM #7 (06.20.2012)****SWWRF LAKE FILTRATION AND NORTH POND IMPROVEMENTS, BRADENTON****MANATEE COUNTY, FL PROJECT NO.: 6079180****BASED ON A COMPLETION TIME OF BID "B" 640 CALENDAR DAYS**

	<b>BID ALTERNATE ITEMS 15, 16 AND 17</b>				
15	Hauling of Fill from Perico Preserve Excavation Site	150,000	CY	\$	\$
16	Fill Quantity Deduction from Perico Preserve Excavation Site	150,000	CY	\$	\$
17	<b>2 Year Warranty Bond (ADDENDUM #4 06.07.2012)</b>	<b>1</b>	<b>LS</b>	<b>\$</b>	<b>\$</b>

The BIDDER must submit a bid for bid items 1 through 14 and the sum of these bid items will be considered the Total Amount of Base Bid. The BIDDER must also submit unit prices for Bid Alternate Items 15, 16 and 17. The BIDDER must submit a bid on all items or the bid shall be considered irregular. The OWNER reserves the right to accept or reject the bid. The OWNER, or his representative, further reserves the unqualified right to determine whether any particular item or items or materials, equipment, or whatsoever is an approved equal, and reserves the unqualified right to a final decision regarding the approval or rejection of the same. The bid selection shall be based on the apparent low bidder for the **"TOTAL AMOUNT OF THE BASE BID AND ANY COMBINATION OF THE BID ALTERNATES "**.

BIDDER:\_\_\_\_\_

AUTHORIZED SIGNATURE:\_\_\_\_\_

00300-5

BID "B"

Addendum #4 (06.07.2012)

**SECTION 01150 REVISION 2**  
**ADDENDUM #7 (06.20.2012)**  
**MEASUREMENT AND PAYMENT**

**PART 1      GENERAL**

**1.01      SCOPE OF WORK**

- A.    The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these specifications. Payment will be made based on the specified items supplied and delivered in the description in this section for each bid item.

**1.02      GENERAL**

- A.    All contract lump sum prices included in the Bid Proposal section will be full compensation for all labor, equipment and incidentals to construct the Lake Filter Improvements and appurtenances as specified in the Contract Documents under this contract.

**1.03      WORK OUTSIDE AUTHORIZED LIMITS**

- A.    No payment will be made for work constructed outside the authorized limits of work.

**1.04      PAYMENT**

- A.    Lump Sum Items: Where payment for items is shown to be paid for on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item within the limits of work shown or specified.

**1.05      COSTS INCLUDED IN PAYMENT ITEMS**

- A.    Separate Payment: No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work.
  - 1.    Clearing and grubbing.
  - 2.    Trench excavation, including necessary pavement and rock removal, except as otherwise specified.
  - 3.    Dewatering and disposal of surplus water.
  - 4.    Structural fill, backfill, grading, and related transport costs.
  - 5.    Replacement of paved and unpaved roadways, grass (sod) and shrubbery plots.
  - 6.    Cleanup.

7. Foundation and borrow materials, except as hereinafter specified.
  8. Testing and placing system in operation.
  9. Any material and equipment required to be installed and utilized for tests.
  10. Pipe, structures, pavement replacement, restoration and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
  11. Maintaining the existing quality of service during construction, including any required by-pass pumping.
  12. Appurtenant work as required for a complete and operable system.
  13. Repair of damaged irrigation piping and sprinkler heads.
  14. Maintaining access to treatment plant structures with barriers, lights, signage etc.
  15. Erosion Control
  16. Painting
- B. Cleanup: CONTRACTOR's attention is called to the fact that cleanup is considered a part of the work of construction. No payment will be made until cleanup is essentially complete.

#### **1.06**

#### **BID ITEMS**

##### Bid Item No. 1 - Mobilization/Demobilization

- A. Mobilization shall be the preparatory work and operations in mobilizing for beginning work on the project, including, but not limited to, those operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site, and for the establishment of temporary offices, storage buildings, safety equipment and first aid supplies, sanitary and other facilities, as required by the Contract Documents and applicable laws and regulations. The costs of bonds, except as noted in Bid Item 17, required insurance, permits and any other preconstruction expense necessary for the start of the work, excluding the cost of construction materials, shall also be included in this item. Demobilization shall be the work of removing temporary facilities from the site.
- B. Payment for the mobilization/demobilization shall not exceed 5 percent (5%) of the Bid Price. Partial payments for this item will be made in accordance with the following schedule:

Percent of Original Contract Amount <u>Amount Earned</u>	Allowable Percent of the Lump Sum <u>Price for the Item</u>
After Contract Execution	25
10	35
20	45
30	55
40	65
50	70
60	75
70	80
80	85
90	90
Substantial Completion	95
Final Payment	100

- C. These payments will be subject to the standard retainage provided in the agreement. Payment of the retainage will be made after completion of the work and demobilization.

Bid Item No. 2 - Demolition

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all labor, materials and equipment necessary for the removal, demolition and disposal of structures, equipment, piping, valves and other materials for installation of new facilities. Demolition shall include removal of the North Reclaimed Water Storage Pond stored water and dewatering of the berm and bottom soils; excavation of the top 24-inches of berm and bottom soils in the North Pond; separation and storage of suitable top soil materials and berm fill materials for reuse; removal and disposition of rip rap; removal of existing lake filter equipment, piping, valves, controls, electrical equipment and concrete pad; removal of slide gates, sluice gates, grating and railings from the existing North Pond outlet structure; cutting holes in the structure; removing the north and south 30-inch reclaimed water flowmeter valve vault structures to 36 inches below finished grade; removal of 42-inch D.I. pipe from the Effluent Pump Station to its connection with the 30-inch RCW pipe; removal of the Reject Pump Station intake structure and its 36-inch intake pipe; removal of 24-inch, 12-inch and 8-inch RCW piping and valves; removal of 12-inch

Reclaimed Water Return pipelines, flowmeters, valves, fittings and supports at ABW Filters 1,2,3,4,5,6 and 7; abandoning and filling with flowable fill 30-inch, 24-inch and 20-inch Reclaimed Water Return pipelines; removing short lengths of asphalt drives and chain link fences; removal of stored water from the Middle and South Ponds; removal of the screens from the intake structures for the Middle and South Ponds; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 3A - Reject Storage Pond and North Reclaimed Water Storage Pond Improvements

- A. Payment of the applicable lump sum price shall be full compensation for, but is not limited to, furnishing all labor, materials, hauling, and equipment necessary to construct a new Lined Reject Pond and Reclaimed Water Storage Pond out of the existing North Pond by backfilling and compacting the North Pond, installing a dividing earthen berm between the ponds, constructing and reconstructing the exterior earthen berms for the Reject and RCW storage ponds; constructing emergency overflow facilities, providing and installing a HDPE liner in the Reject and North RCW storage ponds; installing concrete stairs, HDPE safety ladders and gas vents; constructing berm access and perimeter drives; installing bollards; installing Reject Pond Outlet assembly, 36-inch D.I. outlet pipe, concrete collars, intake structure, intake manhole, and 36-inch intake pipe; installing two intake structures in the North Pond, including 36-inch intake pipe, RCP outlet pipes and concrete discharge pad; installing a toe drain system around exterior perimeter of the berms; including all site preparation, clearing, grading, drainage, paving, grassing, borrow, demolition, excavation, fencing, signage and all other appurtenant work related to this lump sum pay item as necessary for a complete and operable project and as presented in the Contract Documents.

Bid Item 3B - Unsuitable Materials: Remove and Replace

- A. The Per Cubic Yard Bid Price Payment shall be full compensation for furnishing all labor, materials and equipment necessary for dewatering, excavating, loading and hauling from the SWWRF unsuitable materials not meeting the specification for suitable fill material per the Contract Documents as determined by geotechnical evaluation; purchasing and hauling suitable clean fill material to the SWWRF to replace the unsuitable material removed; and unloading,

placement, compacting and testing of suitable material at the SWWRF.

- B. Payment shall be made based upon written authorization and shall reflect the actual per cubic yard quantity agreed upon by the Contractor and the Owner as based on the truck tickets signed by the Owner's representative and adjusted for soil bulking as determined by geotechnical testing. Contractor shall take necessary precautions to prevent over-excavation of unsuitable soils resulting in removal of clean soils. Removal of suitable soils (>3") with the unsuitable materials will result in complete rejection and non-payment of the associated load(s).
- C. The estimated quantity of unsuitable soil material to be replaced from the SWWRF site is approximately 5,000 cubic yards. The Owner's geotechnical engineer shall make the final determination as to the suitability or unsuitability of the materials in question. Final disposition and/or disposal of the unsuitable material shall be determined by the Contractor. Actual quantity may vary.

Bid Item No. 4 - Disk Filters

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to provide and install disk filter units, including dewatering; excavation grading; crushed stone base; backfill; asphalt paving; sod; concrete pad; concrete supports; 3 disk filters; aluminum walkway stairs and railings; 24 inch inlet header, 30 inch outlet header, 30-inch overflow header; 20 inch inlet, outlet and overflow pipes; 20 inch butterfly valves; pipe supports, 8,4 and 2-inch reclaimed water supply pipes for spray systems; 3,4 and 6-inch drain pipes; control panels; electrical work; instrumentation and SCADA; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 5 - Reclaimed Water Return Pump Station

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to provide and install a Reclaimed Water Return Pump Station in the North Pond berm, including dewatering; sheeting; excavation; grading; crushed stone base; backfill; sod; precast; concrete wetwell; concrete pad; 3 submersible pumps; pump base elbows, 12-inch

stainless steel discharge pipes; 12-inch ductile iron discharge pipes, 12-inch check valves, 12-inch gate valves and 12-inch motorized butterfly valve; aluminum hatches, stilling well, vent; 24-inch ductile iron header, 24-inch motorized butterfly valve; air release and vacuum valve; strap-on flowmeter; pipe supports; pressure gauges; level sensor; control panel; variable frequency drives; electrical work; instrumentation and SCADA; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 6 - Waste Backwash Pump Station

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor materials and equipment necessary to provide and install a Waste Backwash Pump Station, including dewatering; sheeting; excavation; crushed stone base; backfill; grading; sod; precast concrete wetwell, concrete pad, 2 submersible pumps, pump base elbows; PVC discharge pipe; 4 and 6-inch ductile iron discharge pipe; 4-inch check valves and plug valves; aluminum hatches; air vent; air release valve; pipe supports, float switches; control panel; electrical work; instrumentation and SCADA; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 7 - North Pond Outlet Structure Improvements

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to provide and install improvements to the North Pond Outlet Structure, including 2 new stainless steel sluice gates; 2 fixed overflow weirs; aluminum grating and railings; saw cutting holes in the concrete walls for the sluice gates; filling the existing holes in the concrete walls with the steel reinforcing and structural concrete; installing the 12-inch ductile iron recirculation pipe in a concrete wingwall; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 8 - Effluent Pump Station Flowmeter Assembly

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to

provide and install the Effluent Pump Station Flowmeter Assembly, including dewatering; excavation; sheeting; crushed stone base; concrete pad; backfill; grading; sod; 30 and 36-inch ductile iron pipe, 30-inch strap-on flowmeter; four 36-inch butterfly valves; one 36-inch motorized butterfly valve; one 36-inch globe-type backpressure valve; one 36-inch plug valve, 2 air release valves; pipe supports; electrical work; instrumentation and SCADA; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 9 - Chlorination Facilities

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to provide and install chlorination facilities, including 2 sodium hypochlorite chemical feed pumps on a prefabricated skid with PVC piping, ball valves, pulsation dampeners, surge relief valves, backpressure valves, pressure gauges; precast concrete valve vault, aluminum hatch, sump pump, sodium hypochlorite injection assembly, pipe supports; 3"x1" double contained PVC feed piping, ½-inch HDPE sample piping; ½-inch stainless steel tap with ½-inch stainless steel ball valve; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 10 - Site Piping

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to provide and install site piping, including dewatering; excavation; bedding; haunching, initial backfill; 36,30,24,8,4 and 2-inch Reclaimed Water pipelines; 24-inch Reclaimed Water Return Pipelines; 36 and 20-inch Reject Water pipelines; 12-inch RCW Recirculation pipelines; 6 and 4-inch Waste Backwash pipelines; 3"x1" PVC double-contained sodium hydrochlorite pipelines; 1/2-inch HDPE sample lines; 8-inch potable water pipelines; gate valves, butterfly valves and plug valves; concrete collars; connection to Filter No. 7 Bypass Channel; connection to Filter No. 7 Waster Backwash Channel; connection to the Headworks; grading; sodding; asphalt paving; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.



Bid Item No. 11 - Replace Intake Structure Screens In Middle And South Ponds and Refurbish Middle Pond Outfall

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to replace the aluminum intake screens on the 3 intake structures in the Middle and South Reclaimed Water Storage Ponds and Refurbish Middle Pond Outfall, including aluminum screens, frames, fasteners, gates, actuators, dewatering and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 12 - Unfiltered Pump Station

- A. Payment of the applicable lump sum price shall be full compensation for, but is not limited to, all plant, labor, materials and equipment necessary to provide a complete and functioning pump station including; precast wet well; grating; stairs; concrete; 16 inch, 24 inch, and 36 inch piping and appurtenances; excavation; bedding, haunching; backfill; pump installation; grading; and all other appurtenant work related to this lump sum pay item as presented in the Contract Documents.

Bid Item No. 13 - Electrical Work and Instrumentation

- A. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor, materials and equipment necessary to construct a complete power and control system including switches, panels, switchgear, VFD's, MCC, control panels, duct banks, lighting, power circuitry; and install, set-up, calibrate, program, integrate, and coordinate a complete instrumentation package as specified including all instruments, PLC's, software and programming, fiber optic cable, transmitters, interface panels, programming terminal, and all appurtenances as shown on the plans and specifications.

Bid Item No. 14 - Discretionary Work

- A. This payment item is for the Owner's requested changes in the work pertaining to the Lake Filter Improvements Work that requires authorization of the Owner prior to the work being performed. This item is not to cover work outlined in the plans and/or specifications or for work incidental to the completion of the project as outlined herein, and shall only be used when directed by the Owner.

- B. Payment shall be made based on written authorization of the additional work. The authorization shall reflect the actual amounts agreed to by the Contractor and the Owner.
- C. Payment of the applicable lump sum price shall be full compensation for furnishing, but is not limited to, all plant, labor; materials and equipment necessary to perform work not covered under Bid Item No. 1 - 13 and is considered outside of the original scope of work. Proposals for all work performed under Bid Item No. 14 shall be submitted to the Engineer and the Owner for review and approval.

The following bid alternates are included to obtain unit prices for additions/deductions resulting from the Owner's option to utilize suitable fill dirt that may be available from a County project named "Perico Preserve Seagrass Basin Excavation" (Perico Preserve Excavation Site). The Perico Preserve Excavation Site is currently under design and permitting by the County. If permits are obtained and a contract is executed (separate from the Lake Filtration and North Pond Improvement project) for the excavation and stockpiling of material at this site, then the County will exercise the following bid alternate Additions/Deductions in order to utilize the suitable fill material from this site at the SWWRF N Pond Improvements site. Included in the bid documents for information only is the soils report for the Perico Preserve Excavation site by PSI dated February 17, 2012.

Alternate Bid Item No. 15 - Hauling of Fill from Perico Preserve Excavation Site to SWWRF

- A. The Per Cubic Yard Bid Price Payment shall be full compensation for furnishing all labor, materials and equipment necessary for hauling excavated suitable fill material from the Perico Preserve Excavation Site to the SWWRF and unloading at the SWWRF. Please see attached figure for locations. Placement and compaction of this fill material is included in Bid Item No. 3A.
- B. Payment shall be made based upon written authorization and shall reflect the actual per cubic yard quantity agreed upon by the Contractor and the Owner as based on the truck tickets signed by the Owner's representative and adjusted for soil bulking as determined by geotechnical testing.
- C. The estimated quantity of suitable fill material to be hauled from the Perico Preserve Excavation Site is

approximately 150,000 cubic yards. Actual quantity may vary.

Alternate Bid Item No. 16 - Fill Quantity Deduction  
from Perico Preserve Excavation Site

- A. The Per Cubic Yard Bid Price Deduction shall be full compensation for furnishing all labor, materials and equipment necessary for purchasing and hauling suitable fill material from any site other than the Perico Preserve Excavation Site to the SWWRF and unloading at the SWWRF.
- B. Deduction from Bid Item No. 3 shall be made based upon written authorization and shall reflect the actual per cubic yard quantity agreed upon by the Contractor and the Owner as based on the truck tickets signed by the Owner's representative and adjusted for soil bulking as determined by geotechnical testing.
- C. The estimated quantity of suitable fill material to be hauled from the Perico Preserve Excavation Site is approximately 150,000 cubic yards. Actual quantity may vary.

The following bid alternate is included to obtain the lump sum price for a two year warranty bond. Warranty Bond, in conjunction with Payment and Performance Bond, shall insure the provisions under Section 00030 Terms and Conditions C.07 of the Contract Documents.

Alternate Bid Item No. 17 - 2 Year Warranty Bond

- A. Payment of the applicable lump sum price shall be full compensation for furnishing the Warranty Bond to go into effect upon completion and release of the Payment and Performance Bond and shall remain in effect for a period of twenty-four (24) months.
- B. Payment shall be based upon written authorization by the Owner at the award of the bid and shall reflect the lump sum bid item value provided on the successful bid form.
- C. Surety requirements shall be the same as previously submitted for the Invitation for Bid, Payment and Performance Bonds.

**PART 2 PRODUCTS (NOT USED)**

**PART 3 EXECUTION (NOT USED)**