



# CITY COUNCIL AGENDA ITEM

REQUESTED COUNCIL MEETING DATE 03/23/10

**SUBJECT:** Bid Award for Ken Bern Reclaimed Water Augmentation Project Bid No. B-10-06  
**DEPARTMENT:** Public Utilities

**RECOMMENDED MOTION:** Approve the bid award for the Ken Bern Reclaimed Water Augmentation Project Bid, No. B-10-06, to Masci Construction, in the amount of \$1,079,924 for the base bid, *subject to Deductive Change Order 148* and to authorize the Mayor and City Manager to sign and execute all required contract documents.

**SUMMARY:** The referenced project provides for additional harvesting and treatment of stormwater ponds which are generally located in the area of Dunlawton Avenue and Spruce Creek Road, and are directly connected to the Halifax Canal. This project is currently partially grant funded in the amount of \$450,000. Additional grant funds of \$50,000 may also be made available in the near future on this project once our additional request for funds is submitted and evaluated by the State of Florida.

The proposed work includes 2 pump stations, 12" stormwater force main piping from the Ken Bern stormwater pond to the Reclaimed Water Plant including underground crossings of Canal View Boulevard, the Halifax Canal, and Dunlawton Avenue. An additional stormwater treatment system to process the stormwater is also to be constructed at the northeast corner of our Reclaimed Water Plant site. Bids for this project were publicly advertised and eight bids were opened on March 11, 2010. Upon evaluation of all of the eight bids received it was determined that Masci Construction is the lowest responsive bidder under the base bid award. Masci Construction, a local firm, has recently successfully completed several other capital projects for the City on time and within budget.

We request council consider awarding this "base bid only" contract to Masci Construction in the amount of \$1,079,924 in order to enable the work to be completed in a timely manner in accordance with the terms of the grant. The available funding for this project is identified in the Ken Bern Reclaimed Water Augmentation Project, RIM 003.

*After Approval of deductive change order / key*

**ATTACHMENTS:**  Ordinance  Resolution  Budget Resolution  
 Other  Support Documents/Contracts Available for Review in Public Utilities Office

**DEPARTMENT HEAD** *Reggie Smith* Fred W. Griffith, P.E. *Fred W Griffith* Date **3/12/10**

**FINANCE DEPARTMENT** Approved as to Budget Requirements *Stella Scherer* Date **3/12/10**

**CITY ATTORNEY** N/A Approved as to Form and Legality Date

**CITY MANAGER** Approved Agenda Item For: **3/23/10**

**COUNCIL ACTION:**  Approved as Recommended  Disapproved  Tabled Indefinitely  
 Continued to Date Certain  Approved with Modification:

**KEN BERN RECLAIMED WATER AUGMENTATION  
CITY OF PORT ORANGE, FLORIDA  
BID NO. B10-06  
CERTIFIED BID TABULATION SUMMARY**

Engineers Certification  
I hereby certify that this is a true and correct tabulation of the bids received. If applicable, unit prices were assumed to prevail in correcting any mathematical errors made by bidders. Owner may choose to award bid based upon original submitted totals.

Brad T. Blais, P.E. \_\_\_\_\_ Date  
 Quentin L. Hampton Associates, Inc.  
 Florida Registration No. 47130

draft

Rank	Bidder	Base Bid	Alternate
1	Masci Corporation	\$ 1,079,924.50	\$ 22,546.00
2	J.D. Weber Construction	\$ 1,095,070.00	\$ 20,100.00
3	Hazen Construction	\$ 1,097,210.00	\$ 30,000.00
4	Prime Construction Group	\$ 1,129,050.00	\$ 25,000.00
5	Brandes Development *	\$ 1,141,280.00	\$ 24,000.00
6	McMahan Construction	\$ 1,158,575.00	\$ 32,000.00
7	R.A. Scott Construction	\$ 1,171,130.00	\$ 35,200.00
8	Expert Construction	\$ 1,355,058.00	\$ 38,915.00

RICHARD W. FERNANDEZ, P.E.  
MARK A. HAMPTON, P.E.  
BRAD T. BLAIS, P.E.  
DAVID A. KING, P.E.  
ANDREW M. GIANNINI, P.E.

Quentin L. Hampton Associates, Inc.  
Consulting Engineers  
P.O. DRAWER 290247  
PORT ORANGE, FLORIDA 32129-0247

TELEPHONE  
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March 12, 2010

Fred G. Griffith, P.E.  
Utility Engineer  
City of Port Orange  
1000 City Center Circle  
Port Orange, FL 32119

**CITY OF PORT ORANGE  
KEN BERN RECLAIMED WATER AUGMENTATION  
BID NO. B10-06**

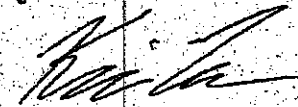
Dear Mr. Griffith:

Enclosed is the Certified Bid Tabulation for this project. Eight (8) bids were received on March 11, 2010 with Masci Corporation submitting the lowest bid of \$1,079,924.50. We have reviewed Masci's bid documents and found them complete. Masci Corporation is well known to our firm and the City. They have successfully completed many projects over the years that we have been involved with.

We therefore recommend award to Masci Corporation. We understand that the bid amount exceeds the City's budgeted funds for the project. We recommend negotiating and awarding a related deductive change order in the amount of \$401,340 to eliminate the installation of the coagulation/flocculation treatment train and the disc filter. Existing deep bed filter have adequate capacity to treat the estimated 2 mgd of flow from the new source. The piping will be set up to allow the disc filters to be retrofitted at a later date. The new contract amount as a result of the deductive change order will be \$678,584.50.

Please contact our office if you have any questions.

Sincerely,  
QUENTIN L. HAMPTON ASSOCIATES, INC.



Brad T. Blais, P.E.  
Vice President

for BTB 3/12/10

BTB:mt

Enclosure

po221 recommendation.doc

**CITY OF PORT ORANGE  
KEN BERN RECLAIMED WATER AUGMENTATION**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Upgrades at Ken Bern Pond	1	LS	\$ 178,298.00	\$ 178,298.00
2	Packaged Pumping System at Spruce Creek Rd Pond	1	LS	\$ 144,600.00	\$ 144,600.00
3	Furnish and Install Stormwater Foremain Pipe				
4	a) 12" C900PVC or DR13.5HDPE, (950' shown)	950	LF	\$ 38.00	\$ 36,100.00
	12" Diameter Pipe Horizontal Directional Drill				
	a) 12" DR13.5HDPE, (1,850' shown)	1,850	LF	\$ 45.64	\$ 84,434.00
5	Ductile Iron Fittings Add and Delete	2,000	LBS	\$ 2.35	\$ 4,700.00
6	2" Air Release Valve	2	EA	\$ 2,100.00	\$ 4,200.00
7	Pavement Repair/Replace	250	SY	\$ 19.75	\$ 4,937.50
8	Sidewalk	15	SY	\$ 26.00	\$ 390.00
9	Video Taping	1	LS	\$ 550.00	\$ 550.00
10	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
11	Coagulation/Flocculation Treatment Train	1	LS	N/A	N/A
12	Disc Filter	1	LS	NA	N/A
13	Yard Piping and Site Work	1	LS	\$ 32,781.00	\$ 32,781.00
14	Electrical	1	LS	\$ 152,500.00	\$ 152,500.00
15	Instrumentation/Telemetry	1	LS	\$ 31,094.00	\$ 31,094.00
16	FP & L Allowance	1	LS	\$ 2,000.00	\$ 2,000.00
<b>TOTAL BASE BID</b>					<b>\$ 678,584.50</b>