DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
(630)834-0100 Fax: (630)834-0120

NOTICE IS HEREBY GIVEN THAT A SPECIAL MEETING OF THE BOARD OF COMMISSIONERS OF THE DuPAGE WATER COMMISSION WILL BE HELD AT 6:30 P.M. ON THURSDAY, JANUARY 24, 2008, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE SPECIAL MEETING IS AS FOLLOWS:

AGENDA

DuPAGE WATER COMMISSION
THURSDAY, JANUARY 24, 2008
6:30 P.M.

600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126

I. Call to Order and Pledge of Allegiance

II. Roll Call

(Majority of the Commissioners then in office—minimum 7)

III. Approval of Fiscal Year 2008-2009 Capital Improvement Plan

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

RECOMMENDED MOTION: To approve the Fiscal Year 2008-2009 Capital Improvement Plan (Voice Vote).

IV. New Business

- Purchase Order No. 10398 (Stonkus Hydraulic, Inc.; $40,000.00)

(TO SUSPEND: Two-Thirds Majority Vote of the Commissioners Present—minimum 5)

(TO APPROVE: Concurrence of a Majority of the Appointed Commissioners—7)

RECOMMENDED MOTION: To suspend the purchasing procedures of the Commission's By-Laws and approve Purchase Order No. 10398 in the amount of $40,000.00 to Stonkus Hydraulic, Inc. (Roll Call).

V. Adjournment

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

Board/Agenda/Commission/Rcm0801S.doc

All visitors must present a valid drivers license or other government-issued photo identification, sign in at the reception area and wear a visitor badge while at the DuPage Pumping Station.

DATE: January 18, 2008

REQUEST FOR BOARD ACTION

AGENDA SECTION	New Business	**ORIGINATING DEPARTMENT**	Operations
ITEM	Purchase Order No. 10398	**APPROVAL**	

Account Number: 01-60-6621

Attached is Purchase Order No. 10398 to Stonkus Hydraulic in the amount of $40,000.00. Stonkus Hydraulic is the service representative of the Parco Hydraulic Valve Control System and has maintained the system installed at the DuPage Pump Station for the past ten years. It has been approximately sixteen years since the system was started up and we are starting to notice sludge buildup in the system and plugging of the smaller control valves. Stonkus has recommended that the system be cleaned and the hydraulic fluid changed to their new grade of hydraulic fluid. The new hydraulic fluid that they will be installing is a food grade product that also has a higher flash point which makes it safer to use. Stonkus stated that they have a project that coincides with ours and if they order the hydraulic fluid before January 31, 2008 they will receive a bulk price break, which will save the Commission approximately $1,000. At this time It is recommended that we drain the system, clean the accumulators, flush all associated piping, and refill the system with the new hydraulic fluid.

The attached purchase order in the amount of $40,000.00 is to cover the costs of the materials, equipment, and labor required to complete the work mentioned above.

MOTION: To suspend the purchasing procedures of the Commission's By-Laws and approve Purchase Order No. 10398 in the amount of $40,000.00 to Stonkus Hydraulic.

DuPage Water Commission
600 E. Butterfield Road
Elmhurst, IL 60126

Phone: (630) 834-0100 Fax: (630) 834-0120

Purchase Order: 10398

Ordered By:	MCGHEE TERRY	Supplier:	Stonkus Hydraulic
Order Date:	01/15/2008	Address:	166 Lakeshore Drive Blackstone MA 01504 USA
Due Date:	01/15/2008	Telephone:	508-966-3844
		Fax No.:	508-883-0913
		Contact	Brian Stonkus

Delivery Address: DuPage Water Commission
600 East Butterfield Road
Elmhurst, Illinois 60126

Line	Account	Manufact Part	Item	QTY UOM	Unit Price	Total
	Task		Date		Quantity	
Line	Account		Hours Requested	UOM	Rate	Total
1	On-site hydraulic fluid changeout		01/15/2008 1		40,000.00	40,000.00
	01-60-6621					
	Activity/PO Line Comments: On-site hydraulic fluid changeout					

Total	40,000.00
Total	40,000.00

Ship Via	Best Way
Payment Terms	Net 45
FOB Point	Point of Destination
Tax Exempt	

DuPage Water Commission
MEMORANDUM

TO: Robert L. Martin, P.E.
General Manager

FROM: R. Christopher Bostick
Facilities Construction Supervisor

DATE: January 17, 2008

SUBJECT: FY-08/09 Capital Improvement Plan – DPPS Generator Estimate

At the Commission meeting of January 10, 2007, the increase in the cost estimate for the DPPS generation facility from the $10.5MM included in the approved FY07/08 capital improvement plan (CIP) to the $16.226MM included the draft FY08/09 CIP was questioned.

The cost estimates for the DPPS generation facility were supplied by the design engineer and represent only the engineer's best judgment based upon current information available. The engineer's cost estimates are continually adjusted to account for inflation, documented raw material and labor cost escalations, changes in project scope, and level of developed design detail (the more detailed the design, the more accurate the estimate).

As such, the $10MM cost estimate included in the FY04/05 CIP for the DPPS generation facility was provided by the design engineer before the engineer's feasibility study had even been completed. Once the feasibility study had been completed, the $10MM initial cost estimate supplied by the design engineer was increased to $12.5MM in the FY05/06 CIP based upon a one-page sheet detailing the engineer's estimated costs. After several years of engineering adjustments to account for inflation, documented raw material and labor cost escalations, changes in project scope, and level of developed design detail, the cost estimate included in the draft FY08/09 CIP was based upon the engineer's 60% drawings and specifications and a 42-page detailed engineering estimate of project costs. Thus, each cost estimate for the DPPS generation facility was based upon the best information available at the time the estimate was developed.

Though the almost $6MM increase in the cost estimate for the DPPS generation facility from the FY7/08 CIP to the FY08/09 CIP might, at first glance, seem peculiar, since January 2007, when the Board re-authorized the development of design engineering for the DPPS generation facilities, several significant revisions (by approved amendments) have been made to the scope of the project including: The incorporation of LEED (Leadership in Energy and Environmental Design) principles into the design and construction of the facilities; the addition of a

portable generator and trailer; the payment of an estimated $2MM Commonwealth Edison fee; and the adoption of Value Engineering study recommendations, including the pre-purchase of the generators.[1] In addition, the FY08/09 CIP cost estimate now includes the contractual purchase price for the pre-purchase of the generators which, based upon contract award numbers, is approximately $1.1M over the amount included for generators in the FY07/08 CIP cost estimate.

In case there are still some concerns among the Commissioners, I have asked the design engineers to attend the special meeting of the Board on January 24, 2008, so that they can explain (as they offered to do with us) the current 42-page detailed engineering estimate of project costs for the DPPS generation facility. But even though the current estimate is based upon a greater level of design detail than the estimate contained in the FY07/08 CIP—60% vs. 30% initial design—I cannot stress enough that estimates are just that—estimates. The final numbers will come from the bids received at the time of award of the contract. However, in discussions with the design engineer, it is good to note that we are looking forward to receiving highly competitive bids for both the DPPS and Lexington Pumping Station generator projects.

[1] The value engineering (VE) workshop performed during FY06/07 identified $3.4MM in *potential estimated savings* but those *potential estimated savings* were developed based upon minimal (30%) design detail. And even though the VE-identified potential estimated savings were deducted wholesale from the design engineer's $11.5MM 30% initial design estimate contained in the FY06/07 CIP, netting the $10.5MM FY07/08 CIP estimate, the design engineer did caution that the potential for VE estimated savings that *could actually* be realized would be increased and more accurate if re-estimated at the *revised* 30%, 60% and 90% design level.

DUPAGE WATER COMMISSION
5-YEAR CATHODIC PROTECTION DESIGN AND CONSTRUCTION BUDGETARY ESTIMATES
1/16/2008

	Line	Estimate		Line	Estimate
Fiscal Year 2008 / 2009					
CP Design	TOB E-87 North	$80,000	**CP Construction**	South	$400,000
	TOB E-87 South	$120,000		90" Reverse Current	$500,000
Total Fiscal Year 2008 / 2009 CP Design Estimate:		***$200,000***	***Total Fiscal Year 2008 / 2009 CP Construction Estimate:***		***$900,000***
Fiscal Year 2009 / 2010					
CP Design	TSW-3/98	$90,000	**CP Construction**	TOB E-87 North	$300,000
	TW-2	$90,000		TOB E-87 South	$500,000
	FOB-85	$40,000			
Total Fiscal Year 2009 / 2010 CP Design Estimate:		***$220,000***	***Total Fiscal Year 2009 / 2010 CP Construction Estimate:***		***$800,000***
Fiscal Year 2010 / 2011					
CP Design	FSW-1/89	$150,000	**CP Construction**	TSW-3/98	$350,000
	FNW-2/89	$60,000		TW-2	$350,000
				FOB-85	$100,000
Total Fiscal Year 2010 / 2011 CP Design Estimate:		***$210,000***	***Total Fiscal Year 2010 / 2011 CP Construction Estimate:***		***$800,000***
Fiscal Year 2011 / 2012					
CP Design	--	--	**CP Construction**	FSW-1/89	$600,000
	--	--		FNW-2/89	$100,000
			Total Fiscal Year 2011 / 2012 CP Construction Estimate:		***$700,000***