



# PASSAIC VALLEY WATER COMMISSION

RESOLUTION #16-130

## RESOLUTION OF PASSAIC VALLEY WATER COMMISSION

DATE OF ADOPTION: October 19, 2016

Factual Contents certified to by Louis Amodio, Administrative Secretary. Approved as to Form and Legality on basis of facts set forth by George T. Hanley, General Counsel. Entering Executive Closed Session in accordance with Open Public Meetings Act, R.S. 10:4-6 et seq. Pursuant to the Open Public Meetings Act,

COMMISSIONER: VANNOY offers the following Resolution for adoption:

WHEREAS, Section 8 of the Open Public Meetings Act, c. 231, P.L. 1975, permits the exclusion of the public from a meeting in certain circumstances: and  
WHEREAS, the public body is of the opinion that such circumstances presently exist:

NOW, THEREFORE, BE IT RESOLVED, by the Commissioners of Passaic Valley Water Commission:

1. The public shall be excluded from discussion of the hereinafter specified subject Matters; the general nature of the subject matters being: Financial, Insurance, Personnel, Contracts, Negotiations, Security, and Law: LAW: Personnel: Administration: other matters as may be discussed *in camera*.
2. It is anticipated at this time that the above-stated subject matter will be ratified During public meeting following or as soon thereafter as the reason for discussion no Longer exists.
3. This Resolution shall take effect immediately.

Second by COMMISSIONER: KOLODZIEJ AYES: 5 ABSENT: 1 Time: 12:13 PM

RECORD OF COMMISSION VOTE ON FINAL PASSAGE				
	AYE	NAY	ABSTAIN	ABSENT
JEFFREY LEVINE	X			
ROBERT VANNOY	X			
CHRYSTAL CLEAVES	X			
GLORIA KOLODZIEJ	X			
DAVID BLUMENTHAL				X
GERALD FRIEND				12:30
RIGO SANCHEZ	X			
PRESIDENT RIGO SANCHEZ				
SECRETARY CHRYSTAL CLEAVES				



## PASSAIC VALLEY WATER COMMISSION

### CERTIFICATION

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

  
**LOUIS AMODIO**  
Administrative Secretary

**RESOLUTION: 16-131**  
**RESOLUTION OF PASSAIC VALLEY WATER COMMISSION**  
**DATE OF ADOPTION: OCTOBER 19, 2016**

Approved as to form and legality by Law Department on basis of facts set forth by Executive Director, Purchasing, Engineering and Finance Departments.

Introduced by Commissioner: **VANNOY**

Seconded by Commissioner: **KOLODZIEJ**

**WHEREAS,** on September 20, 2016 three (3) bids were received by Passaic Valley Water Commission ("PVWC") for Contract No. 16-B-22 "Liquid Residuals Hauling Services"; and

**WHEREAS,** said bids have been reviewed by the Executive Director, Director of Engineering, and the Director of Purchasing, (and Counsel as to form and legality); and

**WHEREAS,** the Local Public Contracts Law provides for the awarding of the Contract upon receipt of bids and qualifications of bidders therefor; and

**WHEREAS,** the lowest responsible, responsive bid submitted for this Contract was that of Accurate Waste Removal Services, Inc., of Lake Hopatcong, New Jersey (the "Awardee") with respect to said bid in the amount of \$3,798,000.00; and

**WHEREAS,** PVWC's Comptroller has certified, with respect hereto, that funds are currently available for said purpose and said certificate is attached hereto;

**NOW, THEREFORE, BE IT RESOLVED,** by Passaic Valley Water Commission, in the County of Passaic, New Jersey:

1. That Contract No. 16-B-22 "Liquid Residuals Hauling Services" in the total amount of \$3,798,000.00 in connection with the above described goods and services is hereby awarded to the Awardee.
2. That the appropriate officers of the Commission are hereby authorized to execute the Contract; and implement the terms of said Contract in accordance with this Resolution and the

submissions provided in connection therewith, with respect to solicitation for bids made in connection with Contract 16-B-22 as set forth hereinabove.

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**RECORD OF COMMISSION VOTE ON FINAL PASSAGE**

	<b>AYE</b>	<b>NAY</b>	<b>ABSTAIN</b>	<b>ABSENT</b>
<b>VANNOY, R.</b>	<u><b>X</b></u>	___	___	___
<b>LEVINE, J.</b>	<u><b>X</b></u>	___	___	___
<b>CLEAVES, C.</b>	<u><b>X</b></u>	___	___	___
<b>KOLODZIEJ, G.</b>	<u><b>X</b></u>	___	___	___
<b>FRIEND, G.</b>	<u><b>X</b></u>	___	___	___
<b>BLUMENTHAL, D.</b>	___	___	___	<u><b>X</b></u>
<b>SANCHEZ, R.</b>	<u><b>X</b></u>	___	___	___

**Adopted at a meeting of Passaic Valley Water Commission.**

\_\_\_\_\_  
**President**  
**RIGO SANCHEZ**

  
\_\_\_\_\_  
**Secretary**  
**CHRYSTAL CLEAVES**

**This Resolution, when adopted, must remain in the custody of the Administrative Secretary.**

**CERTIFICATION**

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

  
\_\_\_\_\_  
**LOUIS AMODIO**  
**Administrative Secretary**

PASSAIC VALLEY WATER COMMISSION

INTER-OFFICE MEMO

DATE: September 21, 2016

FROM: Purchasing Department


TO: Joseph A. Bella  
George T. Hanley  
Yitzchak Weiss

RE: **Contract # 16-B-22**  
**Liquid Residuals Hauling Services**

The Purchasing Department has reviewed the above stated Contract for required documents, affirmative action requirements, and the Contract proposal tabulations. The Finance Department has certified the availability of funds (see attached).

Of the three (3) bids received, the lowest responsive and responsible proposal was submitted by **Accurate Waste Removal Services, Inc.**, of Lake Hopatcong, New Jersey in the amount of **\$3,798,000.00**.

Respectfully submitted,



Linda Beckering  
Purchasing Agent

cc: L. Amodio  
J. Duprey ✓

# OFFICE OF THE COMPTROLLER

## CERTIFICATION OF AVAILABILITY OF FUNDS

It is hereby certified that subject to Commission approval of future Budgets, with respect to multi-budget year contracts, there are or will be sufficient available funds for expenditures to be incurred as result of any contract or commitment to be entered into by Passaic Valley Water Commission as follows:

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Description of Project or Contract: **16-B-22 - Accurate Waste Removal Services, Inc.**

Amount of Project or Contract: \$ 3,798,000.00


1. Acct: # 001-1002-421-74-02 Purchases / Sludge Disposal Chemicals

Specific Appropriation to which expenditures will be charged Budget  
2016/2017/2018/2019

Other comments: Three Year Contract Commencing: October 2016  
Liquid Residuals Hauling Services

Date of Certification: 11/06/2013 Certified: \$ 3,798,000.00

Revised

  
\_\_\_\_\_  
**Yitzchak Weiss**  
Comptroller and Chief Financial Officer

YW:lb

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Bids Received: September 20, 2016

BIDDERS	BID DEPOSIT CC- Certified Check CA- Cashier's Check BB- Bid Bond	TOTAL AMOUNT OF CONTRACT	REMARKS
Spectraserv 75 Jacobus Avenue South Kearney, New Jersey 07032 <a href="mailto:jwengryn@spectraserv.com">jwengryn@spectraserv.com</a>	<input type="checkbox"/> Certified Check <input type="checkbox"/> Cashier's Check 10% Bid Bond Not to Exceed \$20,000.00	\$4,716,000.00	<input checked="" type="checkbox"/> Business Registration Cert. <input checked="" type="checkbox"/> PVWC Consent of Surety <input type="checkbox"/> Other Consent of Surety <input checked="" type="checkbox"/> Public Works Cont. Cert.
Accurate Waste Systems 226 Prospect Point Road Lake Hopatcong, New Jersey 07849 <a href="mailto:aws247@aol.com">aws247@aol.com</a>	<input type="checkbox"/> Certified Check <input type="checkbox"/> Cashier's Check 10% Bid Bond Not to Exceed \$20,000.00	\$3,798,000.00	<input checked="" type="checkbox"/> Business Registration Cert. <input checked="" type="checkbox"/> PVWC Consent of Surety <input type="checkbox"/> Other Consent of Surety <input checked="" type="checkbox"/> Public Works Cont. Cert.
Russell Reid 200 Smith Street Keasbey, New Jersey 08832 <a href="mailto:ddam@russellreif.com">ddam@russellreif.com</a>	<input type="checkbox"/> Certified Check <input type="checkbox"/> Cashier's Check 10% Bid Bond Not to Exceed \$20,000.00	\$6,123,600.00	<input checked="" type="checkbox"/> Business Registration Cert. <input checked="" type="checkbox"/> PVWC Consent of Surety <input type="checkbox"/> Other Consent of Surety <input checked="" type="checkbox"/> Public Works Cont. Cert.
Synagro 435 Williams Court - Suite 100 Baltimore, Maryland 21220 <a href="mailto:jazclark@synagro.com">jazclark@synagro.com</a>	<input type="checkbox"/> Certified Check <input type="checkbox"/> Cashier's Check Bid Bond Not to Exceed \$	NO BID LETTER SUBMITTED	<input type="checkbox"/> Business Registration Cert. <input type="checkbox"/> PVWC Consent of Surety <input type="checkbox"/> Other Consent of Surety <input type="checkbox"/> Public Works Cont. Cert.
	<input type="checkbox"/> Certified Check <input type="checkbox"/> Cashier's Check Bid Bond Not to Exceed \$		<input type="checkbox"/> Business Registration Cert. <input type="checkbox"/> PVWC Consent of Surety <input type="checkbox"/> Other Consent of Surety <input type="checkbox"/> Public Works Cont. Cert.

**RESOLUTION: 16-132**  
**RESOLUTION OF PASSAIC VALLEY WATER COMMISSION**  
**STATE CONTRACT #M0483-16-r-24098 89967**  
**PROCUREMENT OF COMPUTER EQUIPMENT**

**DATE OF ADOPTION: OCTOBER 19, 2016**

Approved as to form and legality by Law Department on basis of facts set forth by Executive Director, Purchasing, Engineering and Finance Departments.

Introduced by Commissioner: **VANNOY**

Seconded by Commissioner: **KOLODZIEJ**

**WHEREAS**, PVWC requires the procurement of two (2) new laptop computers, one to facilitate monitoring of the security cameras, and the other to enable PVWC's website and social media accounts to be updated remotely in case of emergency; and

**WHEREAS**, in accordance with N.J.S.A. 40A:11-12, PVWC may purchase goods or services under contracts entered into on behalf of the State by the Division of Purchase and Property in the Department of the Treasury; and

**WHEREAS**, PVWC has elected to procure the said computer equipment in the total amount of \$1,500.00 from Dell Marketing, L.P. of Round Rock, Texas (the "Awardee") under State Contract #M0483-16-r-24098 89967 (herein the "State Contract"), and a copy of a memorandum dated September 23, 2016 from PVWC's Director of Purchasing, along with other relevant correspondence, is attached hereto and made a part hereof as Exhibit A; and

**WHEREAS**, N.J.S.A. 40A:11-12 of the Local Public Contracts Law provides for the awarding of said contract to the Awardee; and

**WHEREAS**, the Executive Director and the Director of Engineering have reviewed the above-referenced memorandum and concur with the Director of Purchasing's recommendations, (and the General Counsel has reviewed the proposed purchase as to form and legality); and



**WHEREAS,** PVWC's Comptroller has certified, with respect hereto, that funds are currently available for said purpose and said certificate is attached hereto and made a part hereof in above-referenced Exhibit A;

**NOW, THEREFORE, BE IT RESOLVED,** by Passaic Valley Water Commission, in the County of Passaic, New Jersey;


1. That the purchase of the above-referenced computer equipment under the State Contract is hereby awarded to the Awardee in the total amount of \$1,500.00; and
2. That the appropriate officers and employees of PVWC are hereby authorized and directed to perform such acts and execute such documents as are consistent herewith, with respect to said procurement under the State Contract as set forth hereinabove.

**RECORD OF COMMISSION VOTE ON FINAL PASSAGE**

	AYE	NAY	ABSTAIN	ABSENT
VANNOY, R.	<u>X</u>	___	___	___
LEVINE, J.	<u>X</u>	___	___	___
CLEAVES, C.	<u>X</u>	___	___	___
KOLODZIEJ, G.	<u>X</u>	___	___	___
FRIEND, G.	<u>X</u>	___	___	___
BLUMENTHAL, D.	___	___	___	<u>X</u>
SANCHEZ, R.	<u>X</u>	___	___	___

Adopted at a meeting of Passaic Valley Water Commission.


\_\_\_\_\_  
President  
RIGO SANCHEZ

  
\_\_\_\_\_  
Secretary  
CHRYSTAL CLEAVES

This Resolution, when adopted, must remain in the custody of the Administrative Secretary.

### **CERTIFICATION**

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

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**LOUIS AMODIO**  
**Administrative Secretary**

**PASSAIC VALLEY WATER COMMISSION**

**STATE CONTRACT #M0483-16-r-24098 89967  
PROCUREMENT OF COMPUTER EQUIPMENT**

**PVWC'S PURCHASING DEPARTMENT  
MEMORANDUM DATED SEPTEMBER 23, 2016  
PVWC's FINANCIAL CERTIFICATION SHEET  
AND OTHER RELEVANT CORRESPONDENCE**

**EXHIBIT A**

PASSAIC VALLEY WATER COMMISSION

INTER-OFFICE MEMO

DATE: September 23, 2016

FROM: Purchasing Department

TO: Joseph A. Bella  
George T. Hanley  
Yitzchak Weiss

RE: **State Contract Purchase – Contract # M0483-16-r-24098 89967  
Computers and Monitors**

The Distribution and Commercial Departments are requesting two (2) laptop computers to facilitate monitoring of the security cameras and updating PVWC's website and social media accounts remotely in cases of emergency.

The State Contract purchase would be from **Dell Marketing, L.P.**, of Round Rock, Texas, in the amount of **\$1,500.00**. The Finance Department has "Certified the Availability of Funds" (attached).

Respectfully submitted,



Linda Beckering  
Purchasing Agent

cc: L. Amodio  
J. Duprey  
J. Gallagher

# OFFICE OF THE COMPTROLLER

## CERTIFICATION OF AVAILABILITY OF FUNDS

It is hereby certified that subject to Commission approval of future Budgets, with respect to multi-budget year contracts, there are or will be sufficient available funds for expenditures to be incurred as result of any contract or commitment to be entered into by Passaic Valley Water Commission as follows:

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Description of Project or Contract: **State Contract Purchase M0483-16-r-24098 89967  
Dell Marketing, L.P.**

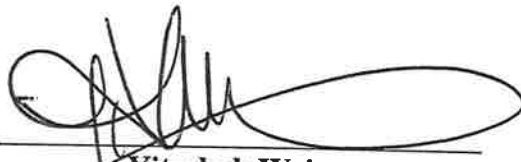
Amount of Project or Contract: \$ 1,500.00

1. Acct: # 001-0604-416-65-03 Computer Equipment

Specific Appropriation to which expenditures will be charged: Budget 2016

Other comments: Single Purchase: October 2016  
Computer Equipment

Date of Certification: 09/23/2016 Certified: \$ 1,500.00

  
\_\_\_\_\_  
**Yitzchak Weiss**  
Comptroller and Chief Financial Officer

YW:lb

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Quote 3000000406717.3  
PASSAIC VALLEY WATER COMMISSIO

Salesperson	Quote Details	Billing Details
Salesperson Name Damion Hays	Quote Date 09/23/2016	Company Name PASSAIC VALLEY WATER COMMISSIO
Salesperson Email Damion_Hays@DellTeam.com	Quote Validity 10/23/2016	Customer Number 133751762
Salesperson Phone 1(800) 456-3355	Solution ID -	Phone Number 1 (973) 8030563
Salesperson Extension 5131530		Address 1525 MAIN AVE CLIFTON NJ 07011-2195 US

Price Summary

Description	Quantity	Unit Price	Subtotal Price
Inspiron 15 5000 Series	2	\$750.00	\$1,500.00
		Subtotal	\$1,500.00
		*Taxable Amount	\$0.00
		*Non-Taxable Amount	\$1,500.00
		Tax	\$0.00
		Shipping and Handling	\$0.00
		Environmental Fee	\$0.00
		Total	\$1,500.00

Note: All tax quoted above is an estimate; final taxes will be listed on the invoice.

Dear Customer,

Please review the quote for product and information accuracy.  
If you find errors or desire changes, please contact me as soon as possible.

Regards,  
Damion Hays

Order this quote easily online through your [Premier page](#), or if you do not have Premier, using [Quote to Order](#)

Product Details by Shipment

Shipping Group 1

Shipping Contact:	ACCOUNTS PAYABLE	Subtotal	\$1,500.00
Shipping Phone No:	1 (123) 4567890	Tax	\$0.00
Shipping via:	Standard Ground	Shipping and Handling	\$0.00
Shipping Address:	1525 MAIN AVE	Environmental Fee	\$0.00
	CLIFTON	Total	\$1,500.00
	NJ 07011-2170		
	US		

Description	Quantity	Unit Price	Subtotal Price
Inspiron 15 5000 Series	2	\$750.00	\$1,500.00

Estimated Delivery Date: 10/03/2016  
Contract Code: WN23AGW  
Customer Agreement No: MNWNC-108/89967

998-BPIP	Fixed Hardware Configuration	2	-	-
210-AEYM	Inspiron 15 5000 Series (Intel(R)) - 5559	2	-	-
801-2700	Dell Limited Hardware Warranty Initial Year	2	-	-
801-2733	Mail In Service after Remote Diagnosis, 1 Year	2	-	-
370-AANL	8GB Dual Channel DDR3L 1600MHz (4GBx2)	2	-	-
580-ABYO	Backlit Keyboard, English	2	-	-
490-BCUU	AMD Radeon R5 M335 4GB DDR3	2	-	-
612-BBBZ	802.11ac + Bluetooth 4.0, Dual Band 2.4&5 GHz, 1x1	2	-	-
	Wireless Driver			
400-AAZU	1TB 5400 rpm Hard Drive	2	-	-
429-AAJV	Tray load DVD Drive (Reads and Writes to DVD/CD)	2	-	-
555-BCIY	Intel Wireless 3160 Card	2	-	-
450-ABLO	Power Cord, US/CAN	2	-	-
340-AGIK	Safety/Environment and Regulatory Guide (English/French/Dutch)	2	-	-

451-BBMG	40 WHr, 4-Cell Battery (removable)	2	-	-
332-1286	US Order	2	-	-
391-BCHT	15.6 inch LED Backlit On-cell Touch Display with Truelife and FHD resolution (1920 x 1080)	2	-	-
338-BHZW	6th Generation Intel Core i7-6500U Processor (4M Cache, up to 3.10 GHz)	2	-	-
340-ARSY	Placemat Documentation, Win 10	2	-	-
631-AAQV	Windows System Driver	2	-	-
332-1530	Dell.com Order	2	-	-
332-1530	Dell.com Order	2	-	-
320-BBSL	Theoretical Gray, Matte Metallic IMR	2	-	-
389-BHDL	Label, NP, T141517VG1415	2	-	-
389-BHGE	Intel(R) Core(TM) i7 Label	2	-	-
389-BHED	Palmrest Label, UEng, Win8/10	2	-	-
658-BCUN	Additional Software	2	-	-
525-0033	McAfee LiveSafe Consumer 12 Month Subscription	2	-	-
658-BCCO	McAfee(R) 30day Trial	2	-	-
450-ADTR	65W AC Adapter	2	-	-
340-AAPZ	Energy Star Compliant	2	-	-
658-BBTV	Cyberlink Media Suite Essentials for Windows without Media	2	-	-
658-BCSB	Microsoft (R)Office 30 Day Trial	2	-	-
619-AHCR	Windows 10 Pro (64bit) English	2	-	-
340-ACQQ	No Option Included	2	-	-
328-BCCD	Shipping Material	2	-	-
340-AAPP	Directship Info Mod	2	-	-



## Important Notes

### Terms of Sale

This quote is valid for 30 days unless otherwise stated. Unless you have a separate written agreement with Dell that specifically applies to this order, your order will be subject to and governed by the following agreements, each of which are incorporated herein by reference and available in hardcopy from Dell at your request:

If this purchase is for your internal use only: Dell's Commercial Terms of Sale (<http://www.dell.com/CTS>), which incorporate Dell's U.S. Return Policy ([www.dell.com/returnpolicy](http://www.dell.com/returnpolicy)) and Warranty ([www.dell.com/warrantyterms](http://www.dell.com/warrantyterms)).

If this purchase is intended for resale: Dell's Reseller Terms of Sale ([www.dell.com/resellerterms](http://www.dell.com/resellerterms)).

If this purchase includes services: in addition to the foregoing applicable terms, Dell's service contracts and related service terms ([www.dell.com/servicecontracts/global](http://www.dell.com/servicecontracts/global)).

If this purchase includes software: in addition to the foregoing applicable terms, your use of the software is subject to the license terms accompanying the software, and in the absence of such terms, then use of the Dell-branded application software is subject to the Dell End User License Agreement - A Version ([www.dell.com/AEULA](http://www.dell.com/AEULA)) and use of the Dell-branded system software is subject to the Dell End User License Agreement - S Version ([www.dell.com/SEULA](http://www.dell.com/SEULA)).

You acknowledge having read and agree to be bound by the foregoing applicable terms in their entirety. Any terms and conditions set forth in your purchase order or any other correspondence that are in addition to, inconsistent or in conflict with, the foregoing applicable online terms will be of no force or effect unless specifically agreed to in a writing signed by Dell that expressly references such terms.

### Pricing, Taxes, and Additional Information

All product, pricing, and other information is valid for U.S. customers and U.S. addresses only, and is based on the latest information available and may be subject to change. Dell reserves the right to cancel quotes and orders arising from pricing or other errors. Please indicate any tax-exempt status on your PO, and fax your exemption certificate, including your Customer Number, to the Dell Tax Department at 800-433-9023. Please ensure that your tax-exemption certificate reflects the correct Dell entity name: Dell Marketing L.P. Note: All tax quoted above is an estimate; final taxes will be listed on the invoice. If you have any questions regarding tax please send an e-mail to [Tax\\_Department@dell.com](mailto:Tax_Department@dell.com).

For certain products shipped to end-users in California, a State Environmental Fee will be applied to your invoice. Dell encourages customers to dispose of electronic equipment properly.

**From:** Beckering, Linda  
**Sent:** Monday, September 12, 2016 1:56 PM  
**To:** Bisesi, Andy  
**Cc:** Bella, Joe; Gallagher, Jim  
**Subject:** RE: request to order laptops from Microsoft

Please look on the Dell website for comparable items.

Thanks,

Linda Beckering  
Purchasing Agent  
Passaic Valley Water Commission  
1525 Main Avenue  
Clifton, New Jersey 07011  
(T) 973-340-4315  
(F) 973-340-5584  
[lbeckering@pvwc.com](mailto:lbeckering@pvwc.com)

**From:** Bisesi, Andy  
**Sent:** Monday, September 12, 2016 1:53 PM  
**To:** Beckering, Linda  
**Cc:** Bella, Joe; Gallagher, Jim  
**Subject:** request to order laptops from Microsoft

Linda,

Requesting that these two laptops are ordered for Marisah and myself.  
These laptops will allow us to monitor security cameras, PVWC's social media accounts, update pvwc.com remotely in case o  
remote into different PVWC systems (Outlook, payroll, GPS, AS400, Mobile, etc.). Thank you.

**RESOLUTION: 16-133**  
**RESOLUTION OF PASSAIC VALLEY WATER COMMISSION**  
**AUTHORIZING A SHARED SERVICES AGREEMENT**  
**(17ENNJ000000030) WITH USGS**

**DATE OF ADOPTION: OCTOBER 19, 2016**

Approved as to form and legality by the Law Department on the basis of facts and circumstances set forth by the Executive Director and Director of Engineering, Purchasing and Finance Departments.

Introduced by Commissioner: **VANNOY**

Seconded by Commissioner: **KOLODZIEJ**

**WHEREAS**, the United States Department of the Interior, U.S. Geological Survey ("USGS") has submitted correspondence dated September 29, 2016 with referenced attachments (the "Correspondence"), along with a Shared Services Agreement (the "Agreement") with Passaic Valley Water Commission ("PVWC") for USGS to continue water resources investigations for the various parameters set forth in the Correspondence, for the period continuing through September 30, 2017, in cooperation with the USGS, and a copy of the Correspondence and Agreement is attached hereto and made a part hereof as Exhibit A; and

**WHEREAS**, monitoring for the water quality parameters set forth in the Correspondence and Agreement would assist PVWC in identifying and appropriately reacting to upstream changes in water quality, which, in turn, helps enhance the robustness of the treatment processes while optimizing chemical dosages and minimizing overall treatment costs; and

**WHEREAS**, PVWC's total financial contribution for USGS to perform the tasks outlined in the Agreement for the above-referenced duration of the Agreement shall be in an amount not to exceed \$47,640.00; and

**WHEREAS**, the Agreement has been reviewed by the Executive Director, Director of Engineering, Director of Purchasing; (and General

Counsel as to form and legality), all of whom have recommended the Agreement for acceptance; and

**WHEREAS,** the Commission has determined that the public health, safety, and welfare of its Customers can best be protected by entering into said Agreement authorized under the Uniform Shared Services and Consolidation Act, of the Laws of 2007, Chapter 63, effective April 3, 2007 (the "Act") N.J.S.A. 40A:65-1 through 40A:65-35, as amended, to provide the Services; and

**WHEREAS,** N.J.S.A. 40A:11-5(2) provides an exception under the Local Public Contracts Law for contracts entered into with the United States of America, the State of New Jersey, County or municipality, or any board, body, office, agency or authority thereof, or any subdivisions thereof; and

**WHEREAS,** the USGS, located in Lawrenceville, New Jersey, and PVWC are such entities; and

**WHEREAS,** PVWC's Comptroller has certified, with respect hereto, that funds are currently available for said purpose and said certificate is attached hereto as Exhibit B;

**NOW, THEREFORE, BE IT RESOLVED,** by Passaic Valley Water Commission, in the County of Passaic, New Jersey:

1. That PVWC hereby authorizes and awards the Shared Services Agreement (17ENNJ000000030) with USGS for the period continuing through September 30, 2017; all in accordance with the scope and PVWC's not-to-exceed contribution amount of \$47,640.00 as set forth hereinabove; and
2. That the appropriate officers and employees of PVWC are hereby authorized to perform such acts and execute such documents as are consistent herewith, in order to implement

the terms of this Resolution and the Agreement as set forth hereinabove.

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**RECORD OF COMMISSION VOTE ON FINAL PASSAGE**  
**AYE NAY ABSTAIN ABSENT**

<b>VANNOY, R.</b>	<u>X</u>	—	—	—
<b>LEVINE, J.</b>	<u>X</u>	—	—	—
<b>CLEAVES, C.</b>	<u>X</u>	—	—	—
<b>KOLODZIEJ, G.</b>	<u>X</u>	—	—	—
<b>FRIEND, G.</b>	<u>X</u>	—	—	—
<b>BLUMENTHAL, D.</b>	—	—	—	<u>X</u>
<b>SANCHEZ, R.</b>	<u>X</u>	—	—	—

**Adopted at a meeting of Passaic Valley Water Commission.**

  
\_\_\_\_\_  
**President**  
**RIGO SANCHEZ**

  
\_\_\_\_\_  
**Secretary**  
**CHRYSTAL CLEAVES**

**This Resolution, when adopted, must remain in the custody of the Administrative Secretary.**

**CERTIFICATION**

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

  
\_\_\_\_\_  
**LOUIS AMODIO**  
**Administrative Secretary**

**PASSAIC VALLEY WATER COMMISSION**

**USGS CORRESPONDENCE DATED SEPTEMBER 29, 2016  
AND SHARED SERVICES AGREEMENT (17ENNJ000000030)  
WITH USGS**

**EXHIBIT A**



## United States Department of the Interior

U.S. GEOLOGICAL SURVEY  
New Jersey Water Science Center  
3450 Princeton Pike, Suite 110  
Lawrenceville, NJ 08648

James Duprey  
Chief Engineer  
Passaic Valley Water Commission  
1525 Main Avenue  
Clifton, NJ 07011

September 29, 2016

Dear Mr. Duprey,

Enclosed are two signed originals of our standard joint-funding agreement for the project(s) New Jersey Water Science Center Water Resources Investigations, during the period October 1, 2016 through September 30, 2017 in the amount of \$47,640 cash from your agency. U.S. Geological Survey contributions for this agreement are \$5,800 for a combined total of \$53,440. Please sign and return one fully-executed original to Nancy B. Gibbs at the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2016**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Heidi Hoppe by phone number (609) 771-3980 or email [hhoppe@usgs.gov](mailto:hhoppe@usgs.gov) to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Nancy Gibbs at phone number (609) 771-3910 or email at [ngibbs@usgs.gov](mailto:ngibbs@usgs.gov).

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,



Richard H. Kropp  
Director, New Jersey Water Science Center

Enc.: 17ENNJ000000030(2)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 17ENNJ000000030  
Customer#: 6000000103  
Project #: GC17LJ000030000  
TIN #: 22-6002470  
USGS DUNS #: 949287064

Fixed Cost Agreement YES[ X ] NO[ ]

THIS AGREEMENT is entered into as of the October 1, 2016, by the U.S. GEOLOGICAL SURVEY, New Jersey Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Passaic Valley Water Commission party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$5,800 by the party of the first part during the period  
October 1, 2016 to September 30, 2017
- (b) \$47,640 by the party of the second part during the period  
October 1, 2016 to September 30, 2017
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of :

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).



U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 17ENNJ000000030  
Customer#: 6000000103  
Project #: GC17LI000030000  
TIN #: 22-6002470  
USGS DUNS #: 949287064

**USGS Technical Point of Contact**

Name: Heidi Hoppe  
Supervisory Hydrologist  
Address: 3450 Princeton Pike Suite 110  
Lawrenceville, NJ 08648  
Telephone: (609) 771-3980  
Fax: (609) 771-3915  
Email: hhoppe@usgs.gov

**Customer Technical Point of Contact**

Name: James Duprey  
Chief Engineer  
Address: 1525 Main Avenue  
Clifton, NJ 07011  
Telephone: (973) 340-4306  
Fax:  
Email: jgduprey@pwwc.com

**USGS Billing Point of Contact**

Name: Nancy Gibbs  
Administrative Officer  
Address: 3450 Princeton Pike Suite 110  
Lawrenceville, NJ 08648  
Telephone: (609) 771-3910  
Fax: (609) 771-3915  
Email: ngibbs@usgs.gov

**Customer Billing Point of Contact**

Name: Linda Beckering  
Director of Purchasing  
Address: 1525 Main Avenue  
Clifton, NJ 07011  
Telephone: (973) 340-4315  
Fax: (973) 340-5584  
Email: lbeckering@pwwc.com

U.S. Geological Survey  
United States  
Department of Interior

Passaic Valley Water Commission

Signature

 Date: Sep 29, 2016  
Name: Richard H. Kropp  
Title: Director, New Jersey Water Science Center

Signatures

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

FISCAL YEAR 2017 WORKPLAN

PASSAIC VALLEY WATER COMMISSION  
IN COOPERATION WITH THE  
US GEOLOGICAL SURVEY NEW JERSEY WATER SCIENCE CENTER

CONTINUOUS MONITORING FOR TOTAL CHLOROPHYLL-a, FOUR CLASSES OF ALGAE  
AND TURBIDITY AT PASSAIC RIVER BELOW TWO BRIDGES, NEW JERSEY

**Problem**

Demands on water resources in New Jersey require the availability of high quality water for multiple uses. Numerous sources of pollution have deteriorated the quality of water resources within the State. Water resources planning must address these and other problems to ensure a water supply of high quality to meet future water needs. To assist in the management of these resources, continuous monitoring of water-quality conditions provides the necessary information on the quality of water resources. Continuous monitoring of turbidity and chlorophyll-a in combination with existing continuous monitoring of dissolved oxygen and pH improve the identification of algal blooms, which, in turn, lead to degraded water quality downstream of the monitoring location. When the algal biomass is too great, the health of other aquatic biota may be adversely affected. Excessive algae concentrations of certain classes, such as blue-green, also create taste, odor, and water clarity issues for the production of drinking water. Water resource managers, when made aware of incipient algal blooms, may change or blend the source waters to obtain optimal water quality for water treatment.

**Objective and Scope**

To provide a continuous record of turbidity and Chlorophyll-a concentrations in the Passaic River downstream from the confluence with the Pompton River at Two Bridges, New Jersey. The status of turbidity and Chlorophyll-a concentration will be monitored for the purpose of planning and managing water resources in the Passaic River. Chlorophyll-a is a measure of phytoplankton biomass. Turbidity is a measure of the clarity.

**Approach**

Concentrations of turbidity, total Chlorophyll-a and the four classes of algal Chlorophyll-a will be measured hourly on the Passaic River downstream from the confluence with the Pompton River using the monitoring station at Two Bridges, New Jersey. Both turbidity and Chlorophyll-a monitors will be operated at the existing monitoring station. The monitors will be operated and maintained to record Chlorophyll-a concentrations hourly from two locations and turbidity at 3 locations along a cross section of the river for the period October 1, 2016 through September 30, 2017.

Water samples will be collected every 3 weeks during the routine inspections from October 1, 2015 through September 30, 2016. The samples will be sent to the USGS National Water Quality Laboratory for analysis of total Chlorophyll-a, total Pheophytin-a and phytoplankton concentrations. The laboratory analyses will be compared to the real-time monitor data to see if the chlorophyll measurements from the BBE sensor correlate with the lab analyses. The equipment will be calibrated as needed to minimize the difference between the laboratory results and the monitor readings.

**Operation and Maintenance**

The United States Geological Survey (USGS) New Jersey Water Science Center will continue to operate and maintain the following gages as detailed in the table below for the Passaic Valley Water Commission (PVWC).

**Continuous-Record Turbidity (at 3 intakes) at the USGS Two Bridges Water-Quality Monitor**

Station Number	Station Name	Total Cost	USGS Match	PVWC
01389005	Passaic River below Pompton River at Two Bridges, NJ	\$16,100	\$0	\$16,100
Total		\$16,100	\$0	\$16,100

**Continuous-Record Chlorophyll (at 2 intakes) at the USGS Two Bridges Water-Quality Monitor**

Station Number	Station Name	Total Cost	USGS Match	PVWC
01389005	Passaic River below Pompton River at Two Bridges, NJ	\$37,340	\$5,800	\$31,540
Total		\$37,340	\$5,800	\$31,540

Task 2 Total	\$ 53,440
USGS matching funds	\$ 5,800
Total Cost to NJWSA for Task 2—Water-Quality Monitoring	\$ 47,640

PROJECT EXPENSES	
Labor	\$16,495
Supplies, Equipment, Travel, Other	\$660
Lab (NWQL), Instrumentation (HIF)	\$17,090
Total Direct Cost	\$34,245
Total Indirect Cost (Overhead)	\$19,195
TOTAL	\$53,440

**Data Availability**

Data are transmitted hourly via the GOES satellite to the New Jersey Water Science Center’s website at <http://nj.usgs.gov>. Data are quality assured and stored in the USGS National Water Information System (NWIS) database. These provisional data will be available to the general public from the NWISWeb site at [http://waterdata.usgs.gov/nj/nwis/uv/?site\\_no=01389005](http://waterdata.usgs.gov/nj/nwis/uv/?site_no=01389005). The provisional data will be analyzed, quality-assured and approved for publication to the USGS NWISWeb at <http://waterdata.usgs.gov/nj/nwis/>.

The USGS has an automated notification service available to users of our real-time data network. USGS WaterAlert is a mobile notification system that sends email or text message updates for any of the sites where the USGS collects real-time data. Daily and hourly updates are sent when the current conditions at the gage meet or surpass a threshold of concern that is set by the user. To use the service go to <http://water.usgs.gov/wateralert>. It may be useful for your agency to use this system to be notified when the stage, discharge, or water-quality parameter at a USGS streamgage of interest reaches or exceeds a preset threshold.

**PASSAIC VALLEY WATER COMMISSION**  
**SHARED SERVICES AGREEMENT (17ENNJ000000030)**  
**WITH USGS**

**PVWC'S FINANCIAL CERTIFICATION SHEET**

**EXHIBIT B**

## OFFICE OF THE COMPTROLLER

### CERTIFICATION OF AVAILABILITY OF FUNDS

It is hereby certified that, subject to Commission approval of future budgets, there are or will be sufficient funds for expenditures to be incurred as a result of any contract or commitment to be entered by Passaic Valley Water Commission as follows:

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Description of Project or Contract: Record of Turbidity and Chlorophyll-A Concentrations in the Passaic River at Two Bridges (USGS) for the period continuing through September 30, 2016

Amount of Project or Contract: \$47,640.00

Budget 2017 Acct #: 001-3501-425-72-21 Contractor-Lab Service

Other Comments:

The contract takes effect 10/1/2016 but payments will first be made in 2017.

Date of Certification: October 7, 2016



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Yitzchak Weiss, CPA  
Comptroller and Chief Financial Officer  
Passaic Valley Water Commission

YW:yw

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**RESOLUTION: 16-134**  
**RESOLUTION OF PASSAIC VALLEY WATER COMMISSION**  
**AUTHORIZING A SHARED SERVICES AGREEMENT**  
**(17ENNJ000000029) WITH USGS**

**DATE OF ADOPTION: OCTOBER 19, 2016**

Approved as to form and legality by the Law Department on the basis of facts and circumstances set forth by the Executive Director and Director of Engineering, Purchasing and Finance Departments.

Introduced by Commissioner: **VANNOY**

Seconded by Commissioner: **KOLODZIEJ**

**WHEREAS**, the United States Department of the Interior, U.S. Geological Survey ("USGS") has submitted correspondence dated September 26, 2016 with referenced attachments (the "Correspondence"), along with a Shared Services Agreement (the "Agreement") with Passaic Valley Water Commission ("PVWC") for USGS to continue water resources investigations for the various parameters set forth in the Correspondence, for the period continuing through September 30, 2017, in cooperation with the USGS, and a copy of the Correspondence and Agreement is attached hereto and made a part hereof as Exhibit A; and

**WHEREAS**, monitoring for the water quality parameters set forth in the Correspondence and Agreement would assist PVWC in identifying and appropriately reacting to upstream changes in water quality, which, in turn, helps enhance the robustness of the treatment processes while optimizing chemical dosages and minimizing overall treatment costs; and

**WHEREAS**, PVWC's total financial contribution for USGS to perform the tasks outlined in the Agreement for the above-referenced duration of the Agreement shall be in an amount not to exceed \$60,580.00; and

**WHEREAS**, the Agreement has been reviewed by the Executive Director, Director of Engineering, Director of Purchasing; (and General

Counsel as to form and legality), all of whom have recommended the Agreement for acceptance; and

**WHEREAS,** the Commission has determined that the public health, safety, and welfare of its Customers can best be protected by entering into said Agreement authorized under the Uniform Shared Services and Consolidation Act, of the Laws of 2007, Chapter 63, effective April 3, 2007 (the "Act") N.J.S.A. 40A:65-1 through 40A:65-35, as amended, to provide the Services; and

**WHEREAS,** N.J.S.A. 40A:11-5(2) provides an exception under the Local Public Contracts Law for contracts entered into with the United States of America, the State of New Jersey, County or municipality, or any board, body, office, agency or authority thereof, or any subdivisions thereof; and

**WHEREAS,** the USGS, located in Lawrenceville, New Jersey, and PVWC are such entities; and

**WHEREAS,** PVWC's Comptroller has certified, with respect hereto, that funds are currently available for said purpose and said certificate is attached hereto as Exhibit B;

**NOW, THEREFORE, BE IT RESOLVED,** by Passaic Valley Water Commission, in the County of Passaic, New Jersey:

1. That PVWC hereby authorizes and awards the Shared Services Agreement (17ENNJ000000029) with USGS for the period continuing through September 30, 2017; all in accordance with the scope and PVWC's not-to-exceed contribution amount of \$60,580.00 as set forth hereinabove; and

2. That the appropriate officers and employees of PVWC are hereby authorized to perform such acts and execute such documents as are consistent herewith, in order to implement

the terms of this Resolution and the Agreement as set forth hereinabove.

---

**RECORD OF COMMISSION VOTE ON FINAL PASSAGE**  
**AYE NAY ABSTAIN ABSENT**

<b>VANNOY, R.</b>	___	___	___	___
<b>LEVINE, J.</b>	___	___	___	___
<b>CLEAVES, C.</b>	___	___	___	___
<b>KOLODZIEJ, G.</b>	___	___	___	___
<b>FRIEND, G.</b>	___	___	___	___
<b>BLUMENTHAL, D.</b>	___	___	___	___
<b>SANCHEZ, R.</b>	___	___	___	___

**Adopted at a meeting of Passaic Valley Water Commission.**

  
\_\_\_\_\_  
**President**  
**RIGO SANCHEZ**

  
\_\_\_\_\_  
**Secretary**  
**CHRYSTAL CLEAVES**

**This Resolution, when adopted, must remain in the custody of the Administrative Secretary.**

**CERTIFICATION**

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

  
\_\_\_\_\_  
**LOUIS AMODIO**  
**Administrative Secretary**



**PASSAIC VALLEY WATER COMMISSION**

**USGS CORRESPONDENCE DATED SEPTEMBER 26, 2016  
AND SHARED SERVICES AGREEMENT (17ENNJ000000029)  
WITH USGS**

**EXHIBIT A**



## United States Department of the Interior

U.S. GEOLOGICAL SURVEY  
New Jersey Water Science Center  
3450 Princeton Pike, Suite 110  
Lawrenceville, NJ 08648

September 26, 2016

James Duprey  
Chief Engineer  
Passaic Valley Water Commission  
1525 Main Avenue  
Clifton, NJ 07011

Dear Mr. Duprey,

Enclosed are two signed originals of our standard joint-funding agreement for the project(s) New Jersey Water Science Center Water Resources Investigations, during the period October 1, 2016 through September 30, 2017 in the amount of \$60,580 cash from your agency. U.S. Geological Survey contributions for this agreement are \$5,800 for a combined total of \$66,380. Please sign and return one fully-executed original to Nancy B. Gibbs at the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2016**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Heidi Hoppe by phone number (609) 771-3980 or email [hhoppe@usgs.gov](mailto:hhoppe@usgs.gov) to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Nancy Gibbs at phone number (609) 771-3910 or email at [ngibbs@usgs.gov](mailto:ngibbs@usgs.gov).

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

Richard H. Kropp  
Director, New Jersey Water Science Center

Enc.: 17ENNJ000000029(2)

Form 9-1366  
(April 2015)

U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations

Agreement#: 17ENNJ000000029  
Customer#: 6000000103  
Project #:  
GC17LJ000010000/GC17LJ000030000  
TIN #: 22-6002470  
USGS DUNS #: 949287064

Fixed Cost Agreement YES[ X ] NO[ ]

THIS AGREEMENT is entered into as of the October 1, 2016, by the U.S. GEOLOGICAL SURVEY, New Jersey Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Passaic Valley Water Commission party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$5,800 by the party of the first part during the period  
October 1, 2016 to September 30, 2017
- (b) \$60,580 by the party of the second part during the period  
October 1, 2016 to September 30, 2017
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of :

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

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interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

**Form 9-1366**  
**(April 2015)**

**U.S. Department of the Interior**  
**U.S. Geological Survey**  
**Joint Funding Agreement**  
**FOR**  
**Water Resource Investigations**

**Agreement#:** 17ENNJ000000029  
**Customer#:** 6000000103  
**Project #:**  
GC17LJ000010000/GC17LJ000030000  
**TIN #:** 22-6002470  
**USGS DUNS #:** 949287064

**USGS Technical Point of Contact**

**Name:** Heidi Hoppe  
**Supervisory Hydrologist**  
**Address:** 3450 Princeton Pike Suite 110  
Lawrenceville, NJ 08648  
**Telephone:** (609) 771-3980  
**Fax:** (609) 771-3915  
**Email:** hhoppe@usgs.gov

**Customer Technical Point of Contact**

**Name:** James Duprey  
**Chief Engineer**  
**Address:** 1525 Main Avenue  
Clifton, NJ 07011  
**Telephone:** (973) 340-4306  
**Fax:**  
**Email:** jgduprey@pwwc.com

**USGS Billing Point of Contact**

**Name:** Nancy Gibbs  
**Administrative Officer**  
**Address:** 3450 Princeton Pike Suite 110  
Lawrenceville, NJ 08648  
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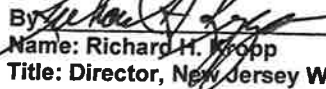
**Customer Billing Point of Contact**

**Name:** Linda Beckering  
**Director of Purchasing**  
**Address:** 1525 Main Avenue  
Clifton, NJ 07011  
**Telephone:** (973) 340-4315  
**Fax:** (973) 340-5584  
**Email:** lbeckering@pwwc.com

**U.S. Geological Survey**  
**United States**  
**Department of Interior**

**Passaic Valley Water Commission**

**Signature**

By  Date: Sep 26, 2016  
**Name:** Richard H. Kropp  
**Title:** Director, New Jersey Water Science Center

**Signatures**

By \_\_\_\_\_ Date: \_\_\_\_\_  
**Name:**  
**Title:**

By \_\_\_\_\_ Date: \_\_\_\_\_  
**Name:**  
**Title:**

By \_\_\_\_\_ Date: \_\_\_\_\_  
**Name:**  
**Title:**

FISCAL YEAR 2017 WORKPLAN

PASSAIC VALLEY WATER COMMISSION  
 IN COOPERATION WITH THE  
 US GEOLOGICAL SURVEY NEW JERSEY WATER SCIENCE CENTER

**Operation and Maintenance**

The United States Geological Survey (USGS) New Jersey Water Science Center will continue to operate and maintain the following gages as detailed in the table below for the Passaic Valley Water Commission (PVWC).

**Continuous-Record Discharge Gaging Station with Data Collection Platform (DCP)**

Station Number	Station Name	Total Cost	USGS Match	PVWC
01389500	Passaic River at Little Falls NJ *DCP funded by Passaic Flood Warning System (USACE-NY)	\$14,200	\$5,800	\$8,400
<b>Total</b>		<b>\$14,200</b>	<b>\$5,800</b>	<b>\$8,400</b>

**Continuous-Record Annual Peak Stage Only with Data Collection Platform (DCP)**

Station Number	Station Name	Total Cost	USGS Match	PVWC
01389492	Passaic River above Beatties Dam, at Little Falls NJ (w/ 2 discharge measurements/year to monitor min passing flow *DCP & cell modem funded by NJDEP)	\$6,300	\$0	\$6,300
<b>Total</b>		<b>\$6,300</b>	<b>\$0</b>	<b>\$6,300</b>

**Continuous-Record 6-Parameter Water-Quality Monitor with Data Collection Platform (DCP)**  
**Water Temp, Specific Conductance, Dissolved Oxygen, Percent Saturation, pH, Turbidity**

Station Number	Station Name	Total Cost	USGS Match	PVWC
405307074090201	Tap Water at Main Avenue at Clifton NJ *Data only available to cooperator, not to general public	\$45,880	\$0	\$45,880
<b>Total</b>		<b>\$45,880</b>	<b>\$0</b>	<b>\$45,880</b>

<b>PROJECT TOTAL</b>	<b>\$ 66,380</b>
Funding Breakdown:	
USGS Matching Funds	\$ 5,800
<b>PVWC</b>	<b>\$ 60,580</b>

**PROJECT EXPENSES**

Labor	\$25,810
Supplies, Equipment, Travel, Other	\$2,440
Lab (NWQL), Instrumentation (HIF)	\$8,910
Report Prep (Editing, Drafting)	\$0
Total Direct Cost	\$37,160
Total Indirect Cost (Overhead)	\$29,220
<b>TOTAL</b>	<b>\$66,380</b>

**Data Availability**

Data are transmitted hourly via the GOES satellite to the New Jersey Water Science Center's website at <http://nj.usgs.gov>. Data are quality assured and stored in the USGS National Water Information System (NWIS) database. These provisional data will be available to the general public from the NWISWeb site at <http://waterdata.usgs.gov/nj/nwis/sw>. The provisional data will be analyzed, quality-assured and approved for publication to the USGS NWISWeb at <http://waterdata.usgs.gov/nj/nwis/>.

The USGS has an automated notification service available to users of our real-time data network. USGS WaterAlert is a mobile notification system that sends email or text message updates for any of the sites where the USGS collects real-time data. Daily and hourly updates are sent when the current conditions at the gage meet or surpass a threshold of concern that is set by the user. To use the service go to <http://water.usgs.gov/wateralert>. It may be useful for your agency to use this system to be notified when the stage, discharge, or water-quality parameter at a USGS streamgage of interest reaches or exceeds a preset threshold.

**PASSAIC VALLEY WATER COMMISSION**

**SHARED SERVICES AGREEMENT (17ENNJ000000029)  
WITH USGS**

**PVWC'S FINANCIAL CERTIFICATION SHEET**

**EXHIBIT B**

## OFFICE OF THE COMPTROLLER

### CERTIFICATION OF AVAILABILITY OF FUNDS

It is hereby certified that, subject to Commission approval of future budgets, there are or will be sufficient funds for expenditures to be incurred as a result of any contract or commitment to be entered by Passaic Valley Water Commission as follows:

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Description of Project or Contract: Water Resources Investigations for Various Parameters (**USGS**) for the period continuing through September 30, 2016

Amount of Project or Contract: \$60,580.00

Budget 2017 Acct #: 001-3501-425-72-21 Contractor-Lab Service

Other Comments:

The contract takes effect 10/1/2016 but payments will first be made in 2017.

Date of Certification: October 7, 2016



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Yitzhak Weiss, CPA  
Comptroller and Chief Financial Officer  
Passaic Valley Water Commission

YW:yw

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RESOLUTION: 16-135  
**RESOLUTION OF PASSAIC VALLEY WATER COMMISSION**  
**DATE OF ADOPTION: OCTOBER 19, 2016**

Approved as to form and legality by Law Department on basis of facts set forth by Executive Director, Purchasing, Engineering and Finance Departments.

Introduced by Commissioner: VANNOY

Seconded by Commissioner: KOLODZIEJ

**WHEREAS,** on October 19, 2016 three (3) bids were received by Passaic Valley Water Commission ("PVWC"), within the stipulated time frame required for submission of bids, for Contract No. 16-B-24 "Electric Energy Supply for all Accounts"; and

**WHEREAS,** the bid documents included unit price bid items for each of PVWC's three major electric supply accounts, and for PVWC's additional accounts, with corresponding quantities (in kilowatt-hours) stipulated for each of these accounts, all commencing with the first meter read on or after January 1, 2017 and ending with the first meter read after December 31, 2018 (for a total contract duration for each account of approximately 24 months); and

**WHEREAS,** said bids have been reviewed by EnStrat Analytics of Burlington, Connecticut ("EnStrat"), through CH2M Hill, Inc. of Parsippany, New Jersey, the Commission's consultant for this project, who has selected Alternative B, and based on the said alternative, EnStrat has determined that Constellation New Energy, Inc. of Baltimore, Maryland submitted the lowest responsive, responsible bid, and, based on the stipulated quantities and appropriate unit prices bid, for the term set forth hereinabove, in the total amount of \$6,529,052; and

**WHEREAS,** the Local Public Contracts Law provides for the awarding of said contract upon receipt of bids and qualification of bidders therefor; and

**WHEREAS,** the Executive Director, Director of Engineering, and Director of Purchasing; (and PVWC's General Counsel as to form and legality) have reviewed EnStrat's recommendations concerning award of said contract and concur with same; and

**WHEREAS,** a copy of the Director of Purchasing's memorandum dated October 19, 2016, along with a copy of EnStrat's memorandum dated October 19, 2016 entitled "Contract 16-B-24 Electric Energy Supply" summarizing EnStrat's review of bids received and recommendations concerning award is attached hereto and made a part hereof; and

**WHEREAS,** PVWC's Comptroller has certified, with respect hereto, that funds are currently available for said purpose and said certificate is attached hereto;

**NOW, THEREFORE, BE IT RESOLVED,** by Passaic Valley Water Commission, in the County of Passaic, New Jersey:

1. That Contract No. 16-B-24 "Electric Energy Supply for all Accounts" based on the stipulated quantities for the appropriate Bid Items all as set forth hereinabove, in the amount of \$6,529,052 in connection with the above described goods and services is hereby awarded to the Awardee set forth herein; and
2. That the appropriate officers of the Commission are hereby authorized to execute the Contract in accordance with this Resolution and the submissions provided in connection therewith, with respect to solicitation for bids made in connection with Contract 16-B-24 as set forth hereinabove.

**RECORD OF COMMISSION VOTE ON FINAL PASSAGE**

	<b>AYE</b>	<b>NAY</b>	<b>ABSTAIN</b>	<b>ABSENT</b>
<b>VANNOY, R.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>
<b>LEVINE, J.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>
<b>CLEAVES, C.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>
<b>KOLODZIEJ, G.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>
<b>FRIEND, G.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>
<b>BLUMENTHAL, D.</b>	<u>     </u>	<u>     </u>	<u>     </u>	<u>  X  </u>
<b>SANCHEZ, R.</b>	<u>  X  </u>	<u>     </u>	<u>     </u>	<u>     </u>

**Adopted at a meeting of Passaic Valley Water Commission.**

**President**  
**RIGO SANCHEZ**

**Secretary**  
**CHRYSTAL CLEAVES**

**This Resolution, when adopted, must remain in the custody of the Administrative Secretary.**

**CERTIFICATION**

I, LOUIS AMODIO, Administrative Secretary of the Passaic Valley Water Commission in the County of Passaic, and the State of New Jersey do hereby certify that the foregoing Resolution is a true copy of a legal quorum of the Original Resolution duly passed and adopted by a majority of the full membership of the Passaic Valley Water Commission at its meeting of October 19, 2016.

**LOUIS AMODIO**  
**Administrative Secretary**

PASSAIC VALLEY WATER COMMISSION

INTER-OFFICE MEMO

DATE: October 19, 2016

FROM: Purchasing Department

TO: Joseph A. Bella  
George T. Hanley  
Yitzchak Weiss

RE: **Contract # 16-B-24**  
**Electric Energy Supply for Hourly Accounts**

The Purchasing Department has reviewed the above stated Contract for required documents, affirmative action requirements, and the Contract proposal tabulations. The Finance Department has certified the availability of funds (see attached).

Of the three (3) bids received, the lowest responsive and responsible proposal was submitted by **Constellation New Energy, Inc.**, of Baltimore, Maryland, in the amount of **\$6,519,052.00.00 - (\$3,264,526.00 annually)**.

Respectfully submitted,



Linda Beckering  
Purchasing Agent

cc: L. Amodio  
J. Duprey

# OFFICE OF THE COMPTROLLER

## CERTIFICATION OF AVAILABILITY OF FUNDS

It is hereby certified that subject to Commission approval of future Budgets, with respect to multi-budget year contracts, there are or will be sufficient available funds for expenditures to be incurred as result of any contract or commitment to be entered into by Passaic Valley Water Commission as follows:

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Description of Project or Contract: **16-B-24 - Constellation New Energy, Inc.**

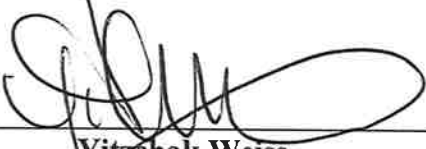
Amount of Project or Contract: \$ 6,529,052.00

1. Acct: # 001-1501-422-73-05 Purchases / Power & Electric / Pump System

Specific Appropriation to which expenditures will be charged: Budget 2017/2018

Other comments: Two (2) Year Contract Commencing: January 2017  
Electric Energy Supply for Hourly Accounts

Date of Certification: 10/19/2016 Certified: \$ 6,529,052.00

  
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**Yitzhak Weiss**  
Comptroller and Chief Financial Officer

YW:lb

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**Electric Supplier Costs, Delivered to EDC**  
**24-Month, Block cost + Retail adders, beginning January 2017**  
**Received October 19, 2016**

Primary	Current	Current Cost	2-Year	Annual Cost	Time Received
Constellation	\$0.0786	\$3,176,169	\$0.0631	\$2,547,087	10:17AM
Direct Energy			\$0.0635	\$2,563,319	10:22AM
South Jersey			\$0.0634	\$2,561,187	10:21AM

**Secondary**

Constellation	\$0.0916	\$627,680	\$0.0735	\$503,872	10:17AM
Direct Energy			\$0.0720	\$493,353	10:22AM
South Jersey			\$0.0715	\$490,007	10:21AM

	1-Year		2-Year	
<b>Total Constellation</b>	\$4,070,118		\$3,264,526	\$6,529,052
<b>Total Direct</b>			\$3,270,639	\$6,541,279
<b>Total South Jersey</b>			\$3,264,777	\$6,529,553
<b>Low Bid Change From Current</b>			(\$805,592)	(\$1,611,185)

Includes energy, congestion, ancillaries, ISO charges, capacity and transmission (including TCRF), RMR and RPS.  
Does not include utility distribution costs or taxes.  
Prices in \$/kWh.