

Date: July 30, 2015

To: THE TRUSTEES

From: THE PRESIDENT and CHIEF EXECUTIVE OFFICER

Subject: **Procurement (Services) and Other Contracts –
Business Units and Facilities –
Awards, Extensions and/or Additional Funding**

SUMMARY

The Trustees are requested to approve the award and funding of the multiyear procurement (services) contracts listed in Exhibit “A,” as well as the continuation and/or funding of the procurement (services) contracts listed in Exhibit “B,” in support of projects and programs for the Authority’s Business Units/Departments and Facilities. Detailed explanations of the recommended awards and extensions, including the nature of such services, the bases for the new awards if other than to the lowest-priced bidders and the intended duration of such contracts, or the reasons for extension and the projected expiration dates, are set forth in the discussion below.

BACKGROUND

Section 2879 of the Public Authorities Law and the Authority’s Guidelines for Procurement Contracts require the Trustees’ approval for procurement contracts involving services to be rendered for a period in excess of one year.

The Authority’s Expenditure Authorization Procedures (“EAPs”) require the Trustees’ approval for the award of non-personal services, construction, equipment purchase or non-procurement contracts in excess of \$3 million, as well as personal services contracts in excess of \$1 million if low bidder, or \$500,000 if sole-source, single-source or non-low bidder.

The Authority’s EAPs also require the Trustees’ approval when the cumulative change-order value of a personal services contract exceeds \$500,000, or when the cumulative change-order value of a non-personal services, construction, equipment purchase, or non-procurement contract exceeds the greater of \$1 million or 25% of the originally approved contract amount not to exceed \$3 million.

DISCUSSION

Awards

The terms of these contracts will be more than one year; therefore, the Trustees’ approval is required. Except as noted, all of these contracts contain provisions allowing the Authority to terminate the services for the Authority’s convenience, without liability other than paying for acceptable services rendered to the effective date of termination. Approval is also

requested for funding all contracts, which range in estimated value from \$40,350 to \$16 million. Except as noted, these contract awards do not obligate the Authority to a specific level of personnel resources or expenditures.

The issuance of multiyear contracts is recommended from both cost and efficiency standpoints. In many cases, reduced prices can be negotiated for these long-term contracts. Since these services are typically required on a continuous basis, it is more efficient to award long-term contracts than to rebid these services annually.

Extensions

Although the firms identified in Exhibit “B” have provided effective services, the issues or projects requiring these services have not been resolved or completed and the need exists for continuing these contracts. The Trustees’ approval is required because the terms of these contracts will exceed one year including the extension, the term of extension of these contracts will exceed one year and/or because the cumulative change-order limits will exceed the levels authorized by the EAPs in forthcoming change orders. The subject contracts contain provisions allowing the Authority to terminate the services at the Authority’s convenience, without liability other than paying for acceptable services rendered to the effective date of termination. These contract extensions do not obligate the Authority to a specific level of personnel resources or expenditures.

Extension of the contracts identified in Exhibit “B” is requested for one or more of the following reasons: (1) additional time is required to complete the current contractual work scope or additional services related to the original work scope; (2) to accommodate an Authority or external regulatory agency schedule change that has delayed, reprioritized or otherwise suspended required services; (3) the original consultant is uniquely qualified to perform services and/or continue its presence and rebidding would not be practical or (4) the contractor provides a proprietary technology or specialized equipment, at reasonable negotiated rates, that the Authority needs to continue until a permanent system is put in place.

The following is a detailed summary of each recommended contract award and extension.

Contract Awards in Support of Business Units/Departments and Facilities:

Economic Development & Energy Efficiency

Customer Energy Solutions and/or Energy Efficiency

As part of the Customer Solutions strategic initiative, and under the auspices of the Customer Energy Solutions Division, the Authority is evaluating its existing energy services, looking for ways to improve them, and developing and launching new energy programs and services. In order to ensure that this is done with as much quality market information as possible and leveraging existing best practices, the Authority requires consulting support to (a) gather and analyze up-to-date information from customers, service providers, and other market participants and stakeholders, and (b) develop new programs and services that meet the needs of customers while supporting State energy policy and recovering costs. To that end, bid documents (**Q15-5865LW**) were developed by staff and were downloaded electronically from

the Authority's Procurement website by 249 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. Sixteen proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of contracts to seven firms, **Buro Happold Consulting Engineers PC, Firefly Energy Consulting LLC, ICF Resources LLC, KEMA Inc., Navigant Consulting Inc., Nexant Inc. and Optimal Energy Inc. (PO#s TBA)**, which include the five most highly rated large-size firms, as well as one each of the most highly rated small-size and medium-size firms (as measured by the number of full-time staff) with respect to their technical qualifications, and which are fully compliant with the Authority's bid requirements. The proposed awards to these firms would provide for such on-call consulting services in support of the Authority's Program Strategy and Development ("PS&D") initiatives, as needed. The recommended firms have the experience, qualifications and breadth of expertise to respond quickly, handle multiple tasks at once and cover a range of relevant energy topics, thereby ensuring the Authority of adequate resources during peak periods. The award of contracts to multiple firms would also benefit the Authority by providing more flexibility and cost-effective options, and would allow the Authority to obtain competitive proposals and award tasks to the firm with the requisite expertise, depending on the nature of the situation, schedule and specific requirements. The contracts would become effective on or about August 1, 2015, for an intended term of up to five years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the aggregate total amount expected to be expended for the term of the contracts, \$3 million. Such contracts will be monitored for utilization levels, available approved funding and combined total expenditures.

At the Trustees' meeting of May 19, 2015, staff recommended the award of competitively bid contracts to three firms (**Q14-5789RH**) to provide for all supervision, labor, materials and equipment and perform all actions required to furnish, deliver, install and make operational roof-mounted solar photovoltaic ("PV") systems at certain Energy Efficiency Program participant facilities / sites throughout the state (Phase II). The Trustees approved the award of contracts to two of these firms (**Standard Solar, Inc. and Montante Solar, Inc.**) and an aggregate total amount of \$32 million. The proposed award to the remaining firm, **Solar Liberty Energy Systems, Inc. ("Solar Liberty")**, originally included in the aforementioned May Discussion Agenda (Item 6b), was not adopted by the Trustees because they were unable to attain the required number of votes based on conflicts of interest filed by some of the Board members. Such award is now resubmitted for the Board's consideration with the intent of achieving the required quorum for adoption. Approval of this request would enable the Authority to utilize the firm's specialty skills, experience and expertise, as needed. The contract would become effective on or about August 1, 2015 for an intended term of approximately five years (through May 19, 2020, coterminous with the other two previously-approved contract awards), subject to the Trustees' approval, which is hereby requested. Approval is also requested for the \$16 million by which the original May request (for \$48 million) had been reduced and to authorize the addition of this \$16 million to the previously-approved aggregate total of \$32 million, resulting in a combined aggregate total of \$48 million, to be allocated as needed. Such contracts will be closely monitored for utilization levels, available approved funding and combined total expenditures. It should be noted that all Authority costs, including Authority overheads and the costs of advancing funds, will be recovered as is consistent with other Energy Efficiency Programs.

Due to the need to commence discussions and/or place orders with distributors for lighting equipment needed for implementation of scheduled projects, the contracts with **Aery Lighting (“Aery”) (4600002989)**, **Graybar Electric Co., Inc. (“Graybar”) (4600002995)** and **Lumen Light Solutions LLC (“Lumen”) (4600003006)** became effective on July 15, 2015, in the aggregate interim award amount (Target Value) of \$1.5 million (\$500,000 each), subject to the Trustees’ ratification and approval as soon as practicable, in accordance with the Authority’s Guidelines for Procurement Contracts and EAPs. Such contracts provide for the furnishing and delivery of Light Emitting Diode (“LED”) lighting fixtures for the Westchester County Street Lighting Project, as part of the Authority’s Energy Efficiency Program. Bid documents (Q15-5862MC) were developed by staff and were downloaded electronically from the Authority’s Procurement website by 44 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. Bids were received from seven firms (of which one submitted two proposals) and were evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of contracts to the three aforementioned firms, which were the lowest-priced evaluated and technically qualified bidders, and which fully meet the Authority’s bid requirements. It should be noted that one of the recommended firms has provided lighting equipment / materials to the Authority under a prior contract with satisfactory results. Multiple contracts are recommended based on the anticipated volume, as well as the ability to offer participating customers a choice of equipment and materials. The award of contracts to multiple firms would also benefit the participating customers by providing more flexibility and cost-effective options, and would allow the Authority to obtain competitive proposals and make an award to the firm that best meets the customers’ needs and requirements. The intended term of these contracts is up to three years, subject to the Trustees’ approval, which is hereby requested. Approval is also requested for the aggregate total amount expected to be expended for the term of the contracts, \$7.5 million. Such contracts will be monitored for utilization levels, available approved funding and combined total expenditures. It should be noted that all costs will be recovered by the Authority.

Due to the need to commence services in support of the Five Cities Energy Master Plan, the contracts with **Donia & Associates, LLC (“Donia”) (4600002993)**, **Hill International, Inc. (“Hill”) (4600002991)**, **L.J. Gonzer Associates (“Gonzer”) (4600002990)**, **NPTS, Inc. (“NPTS”) (4600002994)** and **RCM Technologies, Inc. (“RCM”) (4600002992)** became effective on July 2, 2015, in the aggregate interim award amount (Target Value) of \$1 million (\$200,000 each), subject to the Trustees’ ratification and approval as soon as practicable, in accordance with the Authority’s Guidelines for Procurement Contracts and EAPs. As part of this initiative, the Authority was requested to hire temporary Energy Managers assigned to the Five Cities program. These contracts will also provide for the services of temporary personnel to support Energy Efficiency and Customer Energy Solutions programs and projects related to the implementation of energy savings projects, in order to meet the Governor’s ambitious energy goals of reducing energy consumption by 20% in State-owned facilities by 2020 throughout the state. Such services include, but are not limited to, the following areas: construction management, project management and design and engineering, to be provided within a range of disciplines by construction engineers, schedulers, estimators, conservation engineers, program engineers, mechanical and electrical engineers, etc. To that end, bid documents (Q15-5863SR) were developed by staff and were downloaded electronically from the Authority’s Procurement website by 58 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. Six proposals were received and evaluated, as further set forth in the Award Recommendation documents. One proposal was deemed incomplete and was not evaluated further. The remaining five proposals were evaluated in greater detail and were determined to be technically qualified, meet the bid requirements and are reasonably priced. Staff recommends the award of contracts to the five aforementioned firms. It should be

noted that several of these firms have provided satisfactory service under prior contracts for such work. The anticipated workload warrants the award of multiple contracts that would ensure the Authority of a larger pool of resources capable of providing such services throughout the state, as needed. The award of contracts to multiple firms would also benefit the Authority by providing more flexibility and cost-effective options, and would allow the Authority to obtain competitive proposals and award tasks to the firms with the requisite expertise, depending on the nature of the situation, schedule and specific requirements. The intended term of these contracts is up to three years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the aggregate total amount expected to be expended for the term of the contracts, \$10 million. Such contracts will be monitored for utilization levels, available approved funding and combined total expenditures. It should also be noted that Donia is both a New York State-certified Minority-owned Business Enterprise ("MBE") and Woman-owned Business Enterprise ("WBE") and NPTS is a NYS-certified MBE.

Enterprise Shared Services

Information Technology ("IT")

In the past three years, the Authority's IT division has undertaken major initiatives involving ERM Business Applications, MAXIMO and SAP. During the next three years, IT will launch new initiatives, such as SharePoint Collaboration Solutions, Enterprise Mobile implementations, NERC CIP Compliance system upgrades and Authority Strategic Initiative systems. IT will also continue to support and maintain the Authority's current investment in its computer and network infrastructure, as well as its existing computer applications portfolio. In order to meet the needs of this plan, the Authority will continue to use contractors to augment its technical staff on a short-term basis, as necessary. The contracts with **22nd Century Technologies, Inc., Artech Information Systems LLC, Carlyle Consulting Services, Inc., ClarusTec, Inc., CMA Consulting Services, Donnelly & Moore Corp., Eclaro International, Inc., Garnet River LLC, Indotronix International Corp., Mindlance, Inc., Neotecra, Inc., Software Guidance & Assistance, Inc., System Edge (USA) LLC, Trigyn Technologies, Inc. and Unique Comp, Inc. (Q15-5806CP; PO#s TBA)** would provide for IT temporary staffing services to support such initiatives, infrastructure and applications. Such positions include, but are not limited to: Business Analyst, Developer Analyst, Application Developer, Data Modeler, Database Administrator, Data Warehouse Architect, Technical Writer, Help Desk Specialist, Hardware/Software Technician, Communications Engineer/Technician, SharePoint Developer/Administrator, Business Process Architect/Analyst, LiveLink Developer, etc.). Bid documents were developed by staff and were downloaded electronically from the Authority's Procurement website by 251 firms / entities, including those that may have responded to a notice in the New York State *Contract Reporter*. Seventy-four proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of contracts to the 15 aforementioned firms, which met the bid requirements and were determined to be the most technically qualified bidders with reasonable and competitive billing rates, experience in providing qualified programming/contract personnel in the tri-state area, infrastructure for their contract personnel, financial stability, and depth of contract personnel inventory. (It should be noted that several of these firms have provided satisfactory services under prior contracts for such work.) As specific positions are required, the Authority will request résumés of candidates from all the pre-qualified firms. Such competition is expected to provide qualified talent from a variety of sources. The hiring supervisor will review the submitted résumés, interview candidates and select the most qualified individual for the required position

at the contractual hourly rate, subject to successful completion of a required background check. Contracts (master outline agreements) will be issued to all firms and will become effective on or about August 1, 2015, for an intended term of up to three years, subject to the Trustees' approval, which is hereby requested. Commitments will be made through individual Purchase Order Releases against the established contracts, as candidates for the required positions are selected. Approval is also requested for the total amount expected to be expended for the term of the contracts, \$9 million. Such contracts will be monitored for utilization levels, available approved funding and combined total expenditures. It should be noted that seven of these firms are NYS-certified MBEs and/or WBEs: 22nd Century Technologies, CMA Consulting, Donnelly & Moore, Eclaro, Garnet River, System Edge and Unique Comp.

The contracts with **A-1 Technology, Inc. (4600002996)**, **Ernst & Young LLP (4600002987)**, **GROM Associates, Inc. (4600002997)**, **GyanSys, Inc. (4600003004)**, **Hewlett-Packard Company (4600002998)**, **NTT DATA, Inc. (4600002999)**, **Quintel-MC, Inc. / Quintel Management Consulting, Inc. (4600003000)**, **Sage Group Consulting, Inc. (4600003001)**, **Sierra Infosys, Inc. (4600003002)** and **U-Tegration, Inc. (4600003003)** would provide for SAP consulting services in four areas: advisory and consulting services, system integration and implementation services, end-to-end consulting services and turnkey solutions, in order to implement or support various SAP-related functional initiatives, which include but are not limited to, ARIBA, SuccessFactors, HANA, Mobile, Persona, IS-U CCS Billing and Fiori. To that end, bid documents (**Q15-5841SR**) were developed by staff and were downloaded electronically from the Authority's Procurement website by 172 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. The overall objective was to identify and qualify a pool of SAP consulting resources in order to support business requirements pertaining to the expansion of the Authority's SAP environment with solutions best-suited to meet goals set by strategic initiatives. Nineteen proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of contracts to the ten aforementioned firms, which were determined to be the most technically qualified to meet the Authority's requirements, as set forth in the bid documents. The award of contracts to multiple firms would benefit the Authority by providing more flexibility and cost-effective options, and would allow the Authority to obtain competitive proposals and award tasks to the firms with the requisite expertise, depending on the nature of the situation, schedule and specific requirements. The contracts would become effective on or about August 1, 2015, for an intended term of up to three years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the aggregate total amount expected to be expended for the term of the contracts, \$10.5 million. Such contracts will be monitored for utilization levels, available approved funding and combined total expenditures. It should also be noted that A-1 Technology is a NYS-certified MBE and Sierra Infosys is both a NYS-certified MBE and WBE.

Operations / Operations Support Services

Power Generation / Support Services / Transmission

The contract with **ABB, Inc. ("ABB") (PO# TBA)** would provide for emergency repairs and maintenance for SF6 circuit breakers manufactured by ABB that are installed at Authority power plants and substations throughout the state. (Additional breakers will be installed as part of the Transmission Life Extension and Modernization program.) Circuit breakers are a critical component of the transmission system and are used to protect other equipment, limit fault damage and facilitate/maintain plant operation. They are unique to each manufacturer and

must be maintained and calibrated by experienced service engineers. (Standard maintenance and certain repairs may be performed by qualified Authority staff at locations where such staff is available.) Since the warranties for many of these circuit breakers have expired, having a contract with the original equipment manufacturer (“OEM”) in place would enable the Authority to address emergent repairs with limited delays and return the system to operation with the least amount of downtime. Staff recommends the award of a contract to ABB on a single-source basis, since ABB is the OEM and, as such, is uniquely qualified to perform such work. ABB technicians are factory trained and certified for all service conditions, including preventive maintenance and emergency repairs. The firm possesses extensive knowledge and history regarding circuit breaker issues, enabling them to accurately diagnose the problem and develop a solution to return the breaker to service with minimal outage time. It should be noted that ABB has provided site support and consultation to the Authority in the past, with satisfactory results. The new contract would become effective on or about August 1, 2015, for an intended term of up to five years, subject to the Trustees’ approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$500,000.

Due to the need to commence services, the contract with **Bernier, Carr & Associates, P.C. (“Bernier Carr”) (4500261111)** became effective on July 14, 2015, in the interim award amount of \$75,000, subject to the Trustees’ ratification and approval as soon as practicable, in accordance with the Authority’s Guidelines for Procurement Contracts and EAPs. The contract provides for detailed architectural, engineering and design services for the construction of new Facilities for the Office of Parks, Recreation and Historic Preservation at Robert Moses State Park in Massena, NY. The new Parks Facilities will replace existing temporary buildings, which currently support the Park Police, Park Administration and Park Maintenance. (The original Parks Facilities were destroyed by fire in 2010.) Such design shall be coordinated with the new Nature Center to be located adjacent to the Parks Facilities. Services also include the drawings and specifications required for initial site preparation for the deconstruction of the existing Parks Facilities Buildings and Single Family Residence (for the Park Manager), as well as construction support through project closeout. Bid documents (**Q15-5816FS**) were developed by staff and were downloaded electronically from the Authority’s Procurement website by 310 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. Eight proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of a contract to Bernier Carr, the lowest-priced bidder, which is qualified to perform such services and meets the bid requirements. The intended term of this contract is up to 30 months, subject to the Trustees’ ratification and approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$364,375.

The contract with **Bio-One, Inc. (“Bio-One”) (Q15-5822RH; PO# TBA)** would provide for on-call infectious disease biological clean-up services for Authority offices and facilities throughout the state, with availability and response on a 24/7/365 basis, as may be required and in compliance with all applicable federal, state and local laws, standards and regulations. Such services would be performed by a qualified firm certified and skilled in the cleanup, disinfection and disposal of remediation wastes from infectious diseases including, but not limited to, MRSA, H1N1, Anthrax, Legionellosis and Ebola, as well as crime scene cleanup services, including removing and sanitizing biohazards. To that end, bid documents were developed by staff and were downloaded electronically from the Authority’s Procurement website by 12 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. One proposal was received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of a contract to Bio-One, which is qualified to provide such services and meets the bid requirements. Bio-One provides such services to military,

police, fire and medical operations and was evaluated as possessing the technical qualifications to perform such work. (Reasons for the lack of other proposals include, but are not limited to, it was not their scope of work or they downloaded the bid documents for information purposes only. Furthermore, this is a very specialized field with a very limited number of qualified firms capable of responding to our service area; it should be noted that the original solicitation for such services resulted in no responses; after canvassing the known marketplace to target such firms, a second solicitation was issued, which resulted in one bid.) The contract would become effective on or about August 1, 2015, for an intended term of up to two years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$50,000.

The Authority is required to operate an eel passage facility at the St. Lawrence/FDR Power Project ("Project") pursuant to Articles 405 and 406 of the new Project License issued by FERC and the associated FERC-approved Effectiveness Monitoring Plan and Passage Criteria. These FERC requirements include: (1) estimating the efficiency of the facility by counting tagged eels through the use of a Passive Integrated Transponder ("PIT") tag monitoring system, with PIT tag monitors placed at strategic locations throughout the facility; (2) measuring and monitoring the water flow at critical points in the eel passage facility through the use of flowmeters, including unique software flowmeter communication, software interface and critical alarming functions and (3) estimating the number of eels that pass through the facility each year for updates to regulatory agencies (such as the U.S. Fish and Wildlife Service and the New York State Department of Environmental Conservation) through the use of eel counters, which interface with the eel passage facility computer system. To that end and due to the need to commence services, the contracts with **Biomark, Inc. (4500259576) and Deadline Solutions, Inc. (4500259572)** became effective on June 3, 2015, in the respective interim award amounts of \$6,085 for Biomark and \$7,740 for Deadline Solutions, subject to the Trustees' ratification and approval as soon as practicable, in accordance with the Authority's Guidelines for Procurement Contracts and EAPs. Such contracts provide for the operation and maintenance of the aforementioned PIT tag monitoring and flowmeter systems, which these firms designed, built and installed for the Authority, respectively. These awards are made on a sole-source basis, since each firm is the original equipment manufacturer/designer of the respective devices/equipment/system and related specialized software and, as such, is uniquely qualified to provide such services. Furthermore, both firms have provided satisfactory service to the Authority under prior contracts for such work and have demonstrated their ability to get the work done safely, correctly, on schedule and at reasonable cost. The intended term of these contracts is up to five years, subject to the Trustees' ratification and approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contracts, \$40,350 for Biomark, and \$131,509 for Deadline Solutions.

At the Trustees' meeting of May 19, 2015, staff recommended the award of competitively bid contracts to ten firms (**Q14-5758FS**) to provide for consulting engineering services to support projects for Power Generation, Transmission and Ancillary Facilities. The Trustees approved the award of contracts to nine of these firms (**Altran Solutions Corp., Genesys Engineering, PC, Greenman-Pedersen, Inc., Haider Engineering, PC, Hatch Associates Consultants, Inc., Kleinschmidt Associates PA, PC, Mott MacDonald LLC, Realtime Utility Engineers, Inc. and RCM Technologies, Inc.**) and an aggregate total amount of \$20 million. The proposed award to the remaining firm, **C&S Engineers, Inc. ("C&S")**, originally included in the aforementioned May Consent Agenda (Item 2c-i), was not adopted by the Trustees because they were unable to attain the required number of votes based on conflicts of interest filed by some of the Board members. Such award is now resubmitted for the Board's consideration with the intent of achieving the required quorum for adoption. Approval of this request would enable

the Authority to utilize the firm's specialty skills, experience and expertise, as needed. The contract would become effective on or about August 1, 2015 for an intended term of approximately four and one-half years (through December 31, 2019, coterminous with the other nine previously-approved contract awards), subject to the Trustees' approval, which is hereby requested. C&S would share in the previously-approved aggregate total. Funds will be allocated as specific projects or tasks are identified. Such contracts will be closely monitored for utilization levels, available approved funding and combined total expenditures.

The contract with **Daikin Applied Americas, Inc. dba Daikin Applied ("Daikin Applied", formerly McQuay Factory Service) (Q15-5810JT; PO# TBA)** would provide for chiller maintenance services and repairs for 11 centrifugal chillers at the Authority's Small Clean Power Plants (including Brentwood on Long Island) in the Southeastern New York ("SENY") region. Bid documents were developed by staff and were downloaded electronically from the Authority's Procurement website by 35 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. Two proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of a contract to Daikin Applied, the more technically qualified bidder, which fully meets the bid requirements, demonstrated that it possesses the in-house certifications necessary to meet the Authority's requirements for maintenance and repair, and has provided satisfactory service under the existing contract for such work. Furthermore, based on staff's research, it appears that Daikin Applied is the only authorized factory service group in the metropolitan area, which would ensure immediate and exclusive access to Original Equipment Manufacturer ("OEM") parts and proprietary software utilized on the chillers. The new contract would become effective on or about August 1, 2015, for an intended term of up to five years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$5 million.

Due to the need to commence services, the contract with **E I Team, Inc. ("E I Team" (4500260904))** became effective on July 7, 2015, in the interim award amount of \$200,000, subject to the Trustees' ratification and approval as soon as practicable, in accordance with the Authority's Guidelines for Procurement Contracts and EAPs. The contract provides for architectural, engineering and design services for construction of new Warehouse/Office and Security Buildings at the St. Lawrence/FDR Power Project. Services will include construction support through project closeout. Bid documents (**Q15-5873DK**) were developed by staff and were downloaded electronically from the Authority's Procurement website by 262 firms (including 11 duplicates), including those that may have responded to a notice in the New York State *Contract Reporter*. Ten proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of a contract to E I Team, the lowest-priced bidder, which is qualified to provide such services and meets the bid requirements. The intended term of this contract is up to three years, subject to the Trustees' ratification and approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$1,062,828 (which includes the lump sum amount of \$912,828 and additional funding for unforeseen emergent work that may be required, as well as reimbursable expenses). It should be noted that E I Team is a NYS-certified MBE.

The contract with **Fusion Babbitting Co., Inc. ("Fusion") (6000156451; PO# TBA)** would provide for refurbishment of hydroelectric turbine thrust bearing shoes for the St. Lawrence/FDR Power Project. Services include, but are not limited to, conducting inspections, developing applicable procedures, removing the babbitts, performing tinning and rebabbitting of thrust shoes, QA/QC measurements and reporting, as well as transportation to and from the

vendor's facility (inclusive of all packing and protection during shipment). Bid documents were developed by staff and were downloaded electronically from the Authority's Procurement website by 33 firms / entities, including those that may have responded to a notice in the New York State *Contract Reporter*. Three proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff recommends the award of a contract to Fusion, the lowest-priced bidder, which is qualified to perform such services, meets the bid requirements and has provided satisfactory service under the prior contract for such work. The new contract would become effective on or about August 1, 2015, for an intended term of up to three years, subject to the Trustees' approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$225,000.

Due to the need to commence services in order to accommodate a scheduled six-month fire inspection at the 500 MW plant, the contract with **Grunau Company, Inc. ("Grunau") (4600002978)** became effective on July 15, 2015, in the interim award amount of \$100,000, subject to the Trustees' ratification and approval as soon as practicable, in accordance with the Authority's Guidelines for Procurement Contracts and EAPs. The contract provides for inspection, testing, maintenance and repair services for the fire alarm and protection system at the Authority's power plants in the Southeastern New York ("SENY") Region. Bid documents (**Q15-5809JT**) were developed by staff and were downloaded electronically from the Authority's Procurement website by 36 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. One proposal was received and evaluated, as further set forth in the Award Recommendation documents. Reasons for the lack of other proposals include, but are not limited to, they did not have the required Master Fire Suppression License for fire sprinklers, they were uncertain about the extent of the sprinkler system work and union requirements or they downloaded the bid documents for information purposes only. Staff recommends the award of a contract to Grunau, which is technically qualified to provide such services, meets the bid requirements and has provided satisfactory service under prior contracts for such services. Their technicians are experienced, factory-trained and certified to perform such work. The intended term of this contract is up to five years, subject to the Trustees' ratification and approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$3 million.

Due to the need to commence services, the contract with **Ruby Canyon Engineering, Inc. ("Ruby Canyon") (4500259425)** became effective on July 1, 2015, in the interim award amount of \$10,000, subject to the Trustees' ratification and approval as soon as practicable, in accordance with the Authority's Guidelines for Procurement Contracts and EAPs. The contract provides for consulting services involving verification of greenhouse gas emissions data reported by the Authority to the Climate Registry ("Registry") for all Authority facilities. The Authority sought the services of a verification body accredited by the American National Standards Institute ("ANSI") and recognized by the Registry, consistent with the Registry's General Verification Protocol and the Electric Power Sector Protocol, as applicable, for 2014 – 2018 data to be reported annually in calendar years 2015 – 2019, respectively. Bid documents (**Q15-5852SG**) were developed by staff and were downloaded electronically from the Authority's Procurement website by 42 firms, including those that may have responded to a notice in the New York State *Contract Reporter*. One proposal was received and evaluated, as further set forth in the Award Recommendation documents. Reasons for the lack of other proposals include, but are not limited to, they do not have the necessary available resources to conduct the verification or they downloaded the bid documents for information purposes only. Staff recommends the award of a contract to Ruby Canyon, the sole responding bidder, which is qualified to perform such services and meets the bid requirements. The intended term of this contract is up to five years, subject to the Trustees' ratification and approval, which is hereby

requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$96,304 (which includes additional funding for any unforeseen emergent work that may be required).

The contract with **Summit Security Services, Inc. (“Summit”)** (Q15-5828SR; PO# **TBA**) would provide for pre-employment and contractor background investigation services to support Authority operations at its offices and operating facilities statewide. The pre-employment screening program includes comprehensive background investigations for all new Authority employees, as well as all contractors requiring unescorted access to Authority facilities, with all costs for such services paid for by the Authority, to ensure that the background investigations are performed in accordance with Authority specifications, accurately, consistently, cost-effectively, thoroughly and in a timely manner. Pre-employment screening elements for new Authority employees include: employment history verification, education, criminal history, professional licenses, credit history and verification of identity, address, driver’s license and Social Security number, as well as terrorist watch list checks. Contractor screening elements include verification of identity, Social Security number and criminal conviction history, as well as terrorist watch list checks. Services may also include additional pre-employment and contractor screening elements for military service and foreign nationals, where applicable and on a case-by-case basis. The program will also provide services to meet the personal risk assessment criteria for unescorted access, in compliance with the North American Electric Reliability Corporation’s security standards for Critical Infrastructure Protection (“NERC CIP”). Bid documents were developed by staff and were downloaded electronically from the Authority’s Procurement website by 65 firms, including those that may have responded to a notice in the *New York State Contract Reporter*. Six proposals were received and evaluated, as further set forth in the Award Recommendation documents. Staff determined that four proposals either did not fully meet all the bid requirements or did not demonstrate the ability to support the volume of work required by the Authority. Of the two remaining proposals, staff recommends the award of a contract to Summit, the most technically qualified bidder, which meets and exceeds the bid requirements. In addition to demonstrating industry experience with utilities and large state agencies, Summit’s proposal included a number of tools at no additional cost (that are not available from the current provider, but have the potential to improve our program significantly). Additionally, Summit demonstrated the ability to import our current historical database into their platform and would provide the Authority with the most robust technical solution at a reasonable cost, providing the most value to the Authority. The contract would become effective on or about August 1, 2015, for an intended term of up to five years, subject to the Trustees’ approval, which is hereby requested. Approval is also requested for the total amount expected to be expended for the term of the contract, \$2.5 million.

Contract Extensions and/or Additional Funding:

Economic Development & Energy Efficiency

Customer Energy Solutions

At their meeting of September 24, 2013, the Trustees approved the award of a competitively bid contract to **Talisen Technologies, Inc. (4600002730)** to provide for services and software related to the development and implementation of the Authority's Energy Management Center ("EMC"), for a term of up to five years and an amount of \$1.79 million, as part of the Customer Solutions strategic initiative. The EMC (subsequently referred to as New York Energy Manager, "NYEM") is used to support the implementation of Build Smart NY, Governor Andrew Cuomo's initiative authorized under New York State Executive Order 88 ("EO 88"), requiring all state-owned and managed facilities to achieve 20% energy reduction by April 1, 2020. The Authority serves as the manager and coordinator of activities with all state agencies and authorities to achieve this goal within the seven-year period. As part of the Authority's role, a centralized energy data management platform (the NYEM) was developed to track the energy performance of State public buildings and to provide "real-time" energy monitoring data and energy management services to its customers. The NYEM serves as the virtual hub for continuous monitoring, analysis, forecasting and management of facility energy (electricity and gas) supply, consumption and costs. It also provides effective measurement and verification tools to help identify operation and maintenance improvements and cost-effective energy efficiency measures for program participants. Eligible customers include all public sector entities (electricity and energy efficiency customers) and businesses that participate in the Authority's economic development programs. Target buildings/facilities include office buildings, university campuses, healthcare facilities (including hospitals), transit facilities, garages and warehouses. The initial \$1.79 million was used to establish the base software platform for EO 88 reporting and to connect it to an initial number of customer buildings (approximately 220) in order to explore the benefits of "real-time" energy monitoring and management. The program has exceeded initial estimates and expectations significantly. Therefore, an additional \$446,000 was subsequently authorized in accordance with the Authority's EAPs in order to meet program needs. There are currently 650 customer buildings feeding real-time energy information into the NY Energy Manager system. Staff envisions that program benefits can be expanded to an additional 850 customers (for a total of 1,500 buildings, including approximately 5,000 utility meters). The current contract amount (Target Value) is \$2.236 million; based on current costs associated with meter data integration, software licensing fees, special software updates and site integration services, staff anticipates that additional funding in the amount of \$5 million will be required to maintain and expand the platform and provide services during the remaining years of the approved contract term. The Trustees are requested to approve the additional funding requested, thereby increasing the total approved contract amount to \$7.236 million. (Staff is working on a plan to recover a portion of the costs from program participants through a pay-as-you-go service fee.)

Enterprise Shared Services

Information Technology

At their meeting of July 29, 2014, the Trustees approved the award of competitively bid contracts to six firms, **AvePoint Public Sector, Inc. (4600002834)**, **EMC Corp. (4600002849)**, **Jornata LLC (now BlueMetal Architects, Inc. (4600002850))**, **KMQ Enterprises, Inc. dba Tailwind Associates (4600002851)**, **Stellar Services, Inc. (4600002835)** and **Summit 7 Systems, Inc. (4600002836)**, to provide for consulting services in connection with the implementation of the SharePoint 2013 platform, including support for various business process improvements and strategic initiatives in one or more of the following areas: content management, development, governance, taxonomy and training. The Trustees also approved funding in the aggregate total amount of \$1.2 million, for a term of up to five years. Expenditures are currently approaching the originally approved total, with significant programs yet to be implemented during the remaining four years of the contract term. These include: significant work as a result of the Authority's strategic initiatives, implementation of Human Capital Management Success Factors, ongoing Enterprise content management requests, and migration of "out of scope" content from the SharePoint 2007 Powernet environment. Additionally, there have been numerous requests from the Authority's Business Units for process improvements for non-recurring projects and corporate strategic initiatives, which require leveraging the implemented SharePoint platform. These include: Knowledge Management (information architecture implementation and search enhancement), Process Improvement (creating process improvement project sites solution), Compliance Management for Operations management of NERC and FERC regulatory documentation, build-out of Customer Energy Solutions, including NY Energy Manager, and audit results related to Records Management, Project Management et al. In order to accommodate these new requests, staff estimates that additional funding in the aggregate total amount of \$8 million will be required. This will enable IT to grow the SharePoint environment into a mature management and proactive data management and analytics hub, capable of handling the myriad projects requested. Based on the foregoing, the Trustees are requested to approve the additional funding requested, thereby increasing the approved aggregate total amount to \$9.2 million. Such contracts will continue to be monitored for utilization levels, available approved funding and combined total expenditures. It should be noted that Stellar is a NYS-certified MBE.

Operations / Operations Support Services

Power Generation / Support Services

At their meeting of January 23, 2013, the Trustees approved the award of a competitively bid contract to **ABB, Inc. ("ABB") (4500228543)** to provide for turnkey services in connection with the Generator Step-Up ("GSU") Transformer Replacement Project at the St. Lawrence/FDR Power Project, for a five-year term and funding in the amount of \$22.2 million. The Work includes the design, fabrication, testing, delivery and installation of twelve single phase GSU transformers and one spare dual voltage transformer. The original award amount was \$22,139,326. Cumulative additional funding in the amount of \$2,214,331 was subsequently authorized in accordance with the Authority's EAPs. In accordance with the Authority's technical specifications, ABB performed a Design Impact Assessment ("DIA") to evaluate existing conditions in each transformer bay. The DIA identified unforeseen deficiencies in alarms and protective relaying and modifications required for code compliance in deluge

system/fire protection. Additionally, corrective actions to the expansion isophase connections, rails/foundations, and conduits and cables were also recommended by ABB and were accepted by the Authority for implementation. Authority staff explored bidding the additional installation tasks/activities. However, in order to mitigate risk associated with safety and schedule, it is recommended that a Change Order on a lump sum basis be issued to ABB (as the turnkey services contractor) for the additional work activities on Bank 5 and for the remaining GSU Banks (6, 7 and 8), as well as for requested logic changes to the 125VDC breaker isolation and fan control. Additional funding in the amount of \$6,262,987 is needed for the implementation of all the corrective actions and recommendations from the DIA, as well as additional scope changes requested by the Authority and lessons learned from the previous GSU bank installation. The Trustees are requested to approve the additional funding requested, thereby increasing the total approved contract amount to \$30,616,644 (including \$500,000 for any additional unforeseen conditions requiring remediation).

At their meeting of June 29, 2010, the Trustees approved the award of a competitively bid contract to **CARCO Group, Inc. ("CARCO") (4600002319)** to provide for pre-employment and contractor background investigation services to support Authority operations at its offices and operating facilities statewide, for a term of up to five years and funding in the amount of \$1.5 million. Additional funding in the cumulative amount of \$1 million was subsequently authorized in accordance with the Authority's EAPs. The need for this additional funding was due to an increase in volume, both in the number of contractor investigations and renewals of Authority employees' seven-year cycle personal risk assessments, as required by NERC CIP Standards. The background investigation services have been rebid and a new awardee has been selected to provide such services. In order to facilitate the transition from CARCO to the new firm and to maintain continuity of service, an extension of the subject contract through December 31, 2015 is now requested. The current Target Value of the contract is \$2.5 million; staff anticipates that additional funding in the amount of \$300,000 may be required for the extended term. The Trustees are requested to approve extension of the subject contract through December 31, 2015, as well as the additional funding requested, thereby increasing the total approved contract amount to \$2.8 million.

The competitively bid contract with **Ferguson Electric Construction Co. ("Ferguson") (4500252428)** provides for installation services for the Generator Step-Up Transformer Installation Project at the Robert Moses Niagara Power Plant. The original award became effective on November 20, 2014 for an initial term of less than one year, in the amount of \$371,900. Due to numerous issues encountered during the Factory Acceptance Testing of the new transformer (manufactured by another firm under a separate contract), delivery of the new transformer has been delayed; consequently, the outage window to install the transformer in 2015 was missed and installation of the new unit will occur in 2016. An extension of approximately 13 months is therefore requested in order to allow sufficient time to complete the original scope of work. The current contract amount is \$371,900; staff anticipates that no additional funding will be required for the extended term. The Trustees are requested to approve extension of the subject contract through December 31, 2016, with no additional funding requested.

At their meeting of July 31, 2012, the Trustees approved the award of a competitively bid contract to **Stieglitz Snyder Architecture ("Stieglitz Snyder") (4500219697)** to provide for architectural/engineering, design and construction support services for the new Nature Center at the Robert Moses State Park in Massena, NY, for a term of up to three years and funding in the amount of \$430,993. The original award became effective on August 1, 2012. Additional funding in the amount of \$149,763 was subsequently authorized in accordance with the

Authority's EAPs. Due to the postponement of the construction phase of the Nature Center until a space needs assessment, location study and conceptual plan for a new facility for the New York State Office of Parks, Recreation and Historic Preservation were completed and a determination regarding the new Parks facility was made, work did not begin as originally scheduled. A two-year extension is therefore requested in order for Stieglitz Snyder to provide construction support services through completion of construction and project closeout. The current contract amount is \$580,756; staff anticipates that an additional \$50,000 may be required for the extended term. The Trustees are requested to approve extension of the subject contract through July 31, 2017, as well as the additional funding requested.

FISCAL INFORMATION

Funds required to support contract services for various Business Units/Departments and Facilities have been included in the 2015 Approved O&M Budget. Funds for subsequent years, where applicable, will be included in the budget submittals for those years. Payment will be made from the Operating Fund. Funding for the Solar PV contracts will be provided from the proceeds of the Authority's Commercial Paper Notes and/or the Operating Fund. In addition, projects may also be funded, in part, with monies from the Petroleum Overcharge Restitution ("POCR") funds.

Funds required to support contract services for capital projects have been included as part of the approved capital expenditures for those projects and will be disbursed from the Capital Fund in accordance with the project's Capital Expenditure Authorization Request.

RECOMMENDATION

The Senior Vice President – Operations Support Services and Chief Engineer, the Senior Vice President – Power Generation, the Senior Vice President – Internal Audit, the Vice President – Environment, Health & Safety, the Vice President – Project Management, the Vice President – Procurement, the Vice President – Engineering, the Vice President – Transmission, the Vice President – Technical Compliance, the Vice President – Information Technology / Chief Information Officer, the Vice President – Energy Efficiency, the Vice President – Customer Energy Solutions, the Director – Asset & Maintenance Management, the Regional Manager – Western New York, the Regional Manager – Northern New York, the Regional Manager – Central New York and the Regional Manager – Southeastern New York recommend that the Trustees approve the award of multiyear procurement (services) contracts to the companies listed in Exhibit "A" and the extension and/or funding of the procurement (services) contracts listed in Exhibit "B," for the purposes and in the amounts discussed within the item and/or listed in the respective exhibits.

For the reasons stated, I recommend the approval of the above-requested action by adoption of the resolution below.

Gil C. Quiniones
President and Chief Executive Officer

RESOLUTION

RESOLVED, That pursuant to the Guidelines for Procurement Contracts adopted by the Authority, the award and funding of the multiyear procurement services contracts set forth in Exhibit "A," attached hereto, are hereby approved for the period of time indicated, in the amounts and for the purposes listed therein, as recommended in the foregoing memorandum of the President and Chief Executive Officer; and be it further

RESOLVED, That pursuant to the Guidelines for Procurement Contracts adopted by the Authority, the contracts listed in Exhibit "B," attached hereto, are hereby approved and extended for the period of time indicated, in the amounts and for the purposes listed therein, as recommended in the foregoing memorandum of the President and Chief Executive Officer; and be it further

RESOLVED, That the Chairman, the Vice Chair, the President and Chief Executive Officer, the Chief Operating Officer and all other officers of the Authority are, and each of them hereby is, authorized on behalf of the Authority to do any and all things, take any and all actions and execute and deliver any and all agreements, certificates and other documents to effectuate the foregoing resolution, subject to the approval of the form thereof by the Executive Vice President and General Counsel.

Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
ECONOMIC DEVELOPMENT & ENERGY EFFICIENCY - CUSTOMER ENERGY SOLUTIONS	Q15-5865LW; 7 awards: 1. BURO HAPPOLD CONSULTING ENGINEERS, PC New York, NY 2. FIREFLY ENERGY CONSULTING, LLC Dallas, TX 3. ICF RESOURCES, LLC Fairfax, VA 4. KEMA, INC. Burlington, MA 5. NAVIGANT CONSULTING, INC. New York, NY 6. NEXANT, INC. San Francisco, CA 7. OPTIMAL ENERGY, INC. Hinesburg, VT (PO#s TBA)	08/01/15 (on or about)	Provide for consulting services in support of Program Strategy and Development ("PS&D") initiatives	07/31/20	B/P			\$3,000,000*
								*Note: represents aggregate total for up to 5-year term
ECONOMIC DEVELOPMENT & ENERGY EFFICIENCY - ENERGY EFFICIENCY	SOLAR LIBERTY ENERGY SYSTEMS, INC. Williamsville, NY (Q14-5789RH ; PO# TBA)	08/01/15 (on or about)	Provide for all supervision, labor, materials and equipment to F/D/I and make operational solar photovoltaic (PV) systems at certain Energy Efficiency Program participant sites state-wide (Phase II)	05/19/20 (coterminous with two other contracts for such work, approved by the Trustees on 5/19/15)	B/C			\$16,000,000*
								*Note: represents funding for approx. 5-year term -- to be added to the previously-approved aggregate total of \$32 million for contracts with two other firms (Standard Solar and Montante Solar), resulting in a combined aggregate total of \$48 million, and to be allocated as needed. All costs will be recovered by the Authority.

♦ **M / WBE:** New York State-certified Minority / Women-owned Business Enterprise (indicated by the ♦ symbol after the Company Name)
 1 **Award Basis:** B= Competitive Bid; S= Sole Source; Si= Single Source; C= Competitive Search
 2 **Contract Type:** P= Personal Service; S= (Non-Personal) Service; C= Construction; E= Equipment; N= Non-Procurement; A= Architectural & Engineering Service; L= Legal Service

Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
ECONOMIC DEVELOPMENT & ENERGY EFFICIENCY - ENERGY EFFICIENCY	Q15-5862MC; 3 awards: 1. AERY LIGHTING Elmsford, NY (4600002989) 2. GRAYBAR ELECTRIC CO., INC. Teterboro, NJ (4600002995) 3. LUMEN LIGHT SOLUTIONS, LLC Yonkers, NY (4600003006)	07/15/15	Provide for furnishing & delivery of LED lighting equipment/materials for the Westchester County Street Lighting Project	07/14/18	B/E	\$1,500,000 (Aggregate Interim Award Amount)		\$7,500,000*
						*Note: represents aggregate total for 3-year term All costs will be recovered by the Authority.		
ECONOMIC DEVELOPMENT & ENERGY EFFICIENCY - ENERGY EFFICIENCY & CUSTOMER SOLUTIONS	Q15-5863SR; 5 awards: 1. DONIA & ASSOC- ♦ IATES, LLC Brooklyn, NY 4600002993 2. HILL INTERNATIONAL, INC. Philadelphia, PA (HQ) New York, NY (Branch Office) 4600002991 3. L J GONZER ASSOCIATES Cranford, NJ 4600002990 4. NPTS, INC. ♦ Buffalo, NY 4600002994	07/02/15	Provide for the services of temporary personnel to support construction activities and/or perform engineering services in connection with Energy Efficiency & Customer Energy Solutions programs & projects	07/01/18	B/S	\$1,000,000 (Aggregate Interim Award Amount)		\$10,000,000*
						*Note: represents aggregate total for up to 3-year term		

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Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

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	5. RCM TECHNOLOGIES, INC. Pennsauken, NJ 4600002992							
ENTERPRISE SHARED SERVICES - IT	Q15-5806CP; 15 awards: 1. 22ND CENTURY ♦ TECHNOLOGIES, INC. Somerset, NJ 2. ARTECH INFORMATION SYSTEMS, LLC Morristown, NJ 3. CARLYLE CONSULTING SERVICES, INC. New York, NY 4. CLARUSTEC, INC. Edison, NJ 5. CMA CONSULTING ♦ SERVICES Latham, NY 6. DONNELLY & MOORE ♦ CORP. New City, NY 7. ECLARO INTER- ♦ NATIONAL, INC. New York, NY 8. GARNET RIVER, LLC ♦ Saratoga Springs, NY	08/01/15 (on or about)	Provide for IT temporary staffing services	07/31/18	B/S			\$9,000,000*
								*Note: represents aggregate total for up to 3-year term
	[continued on next page]							

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Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
	9. INDOTRONIX INTER-NATIONAL CORP. Poughkeepsie, NY							
	10. MINDLANCE, INC. Hoboken, NJ							
	11. NEOTECRA, INC. New York, NY							
	12. SOFTWARE GUIDANCE & ASSISTANCE, INC. Tarrytown, NY							
	13. SYSTEM EDGE (USA), LLC ♦ Iselin, NJ (HQ) New York, NY (Branch Office)							
	14. TRIGYN TECHNOLOGIES, INC. Edison, NJ							
	15. UNIQUE COMP, INC. ♦ Long Island City, NY (PO#s TBA)							
ENTERPRISE SHARED SERVICES - IT	Q15-5841SR; 10 awards:	08/01/15 (on or about)	Provide for SAP consulting services in four areas: advisory and consulting services, system integration and implementation services, end-to-end consulting services and turnkey solutions	07/31/18	B/P			\$10,500,000*
	1. A-1 TECHNOLOGY, INC. ♦ New York, NY							
	2. ERNST & YOUNG, LLP New York, NY							

*Note: represents aggregate total for up to 3-year term

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Procurement (Services) and Other Contracts – Awards
 (For Description of Contracts See "Discussion")

EXHIBIT "A"
 July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
	3. GROM ASSOCIATES, INC. Flemington, NJ							
	4. GYANSYS, INC. Indianapolis, IN							
	5. HEWLETT-PACKARD COMPANY Palo Alto, CA							
	6. NTT DATA, INC. Boston, MA							
	7. QUINTEL-MC, INC./ QUINTEL MANAGEMENT CONSULTING, INC. Greenwood Village, CO							
	8. SAGE GROUP CONSULTING, INC. Hazlet, NJ							
	9. SIERRA INFOSYS, INC. ♦ Houston, TX							
	10. U-TEGRATION, INC. Houston, TX (PO#s TBA)							

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Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
OPERATIONS SUPPORT SERVICES - ASSET & MAINT MGMT + OPERATIONS - TRANSMISSION	ABB, INC. Raleigh, NC (PO# TBA)	08/01/15 (on or about)	Provide for a long-term maintenance agreement to provide for emergency repairs and maintenance for ABB SF6 circuit break- ers at Authority plants and substations statewide	07/31/20	Si/S			\$500,000*
							*Note: represents total for up to 5-year term	
OPERATIONS SUPPORT SERVICES - PROJ MGMT	BERNIER, CARR & ASSOCIATES, PC Watertown, NY Q15-5816FS; 4500261111)	07/14/15	Provide for A/E and design services for the construction of new Parks Facilities at Robert Moses State Park in Massena, NY	12/31/17	B/A	\$75,000 (Interim Award Amount)		\$364,375*
							*Note: represents total for up to 30-month term	
OPERATIONS SUPPORT SERVICES - EH&S	BIO-ONE, INC. Shokan, NY (Q15-5822RH; PO# TBA)	08/01/15 (on or about)	Provide for on-call infec- tious disease biological clean-up services state- wide, as may be required	07/31/17	B/S			\$50,000*
							*Note: represents total for up to 2-year term	
OPERATIONS SUPPORT SERVICES - EH&S and STL	2 related awards: 1. BIOMARK, INC. Boise, ID (4500259576)	06/03/15	Provide for maintenance by the respective Original Equipment Manufacturers of devices / equipment and related software (1. PIT Tag monitoring system and	06/02/20	S/S	\$6,085 (Interim Award Amount)		\$40,350*
	2. DEADLINE SOLUTIONS, INC. Syracuse, NY (4500259572)	06/03/15	2. Flowmeters) to support the eel passage facility at STL, per FERC requirements	06/02/20		\$7,740 (Interim Award Amount)		\$131,509*
							*Note: represents total for up to 5-year term	
OPERATIONS SUPPORT SERVICES - ENGINEERING	C&S ENGINEERS, INC. Syracuse, NY (Q14-5758FS; PO# TBA)	08/01/15 (on or about)	Provide for on-call engin- eering services	12/31/19 (coterminous with nine other contracts for such services, approved by Trustees 5/19/15)	B/A			\$*
							*Note: included in the previously-approved aggregate total of \$20 million for 9 other contracts for such services, for a term of approximately 4.5 years	

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Procurement (Services) and Other Contracts – Awards
(For Description of Contracts See "Discussion")

EXHIBIT "A"
July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
OPERATIONS - POWER GEN - SCPPs	DAIKIN APPLIED AMERICAS, INC. dba DAIKIN APPLIED (formerly McQuay Factory Service) Minneapolis, MN (HQ); Long Island City, NY (Factory Service Office) (Q15-5810JT ; PO# TBA)	08/01/15 (on or about)	Provide for maintenance and repair services for centrifugal chillers at the Small Clean Power Plants	07/31/20	B/S			\$5,000,000*
							*Note: represents total for up to 5-year term	
OPERATIONS SUPPORT SERVICES - PROJ MGMT + STL	E I TEAM, INC. ♦ Buffalo, NY (Q15-5873DK ; 4500260904)	07/07/15	Provide for A/E and design services for the construction of new Warehouse/Office and Security Buildings at the STL Project	07/06/18	B/A	\$200,000 (Interim Award Amount)		\$1,062,828*
							*Note: represents total for up to 3-year term	
OPERATIONS - POWER GEN - STL	FUSION BABBITTING COMPANY, INC. Milwaukee, WI (RFQ 6000156451 ; PO# TBA)	08/01/15 (on or about)	Provide for refurbishment of hydroelectric turbine thrust bearing shoes for the STL Project	07/31/18	B/S			\$225,000*
							*Note: represents total for up to 3-year term	
OPERATIONS - POWER GEN - SENY PLANTS	GRUNAU COMPANY, INC. Boardman, OH (Q15-5809JT ; 4600002978)	07/15/15	Provide for inspection, testing, maintenance and repair services for the fire alarm and pro- tection system at the SENY Plants	07/14/20	B/S	\$100,000 (Interim Award Amount)		\$3,000,000*
							*Note: represents total for up to 5-year term	
OPERATIONS SUPPORT SERVICES - EH&S	RUBY CANYON ENGINEERING, INC. Grand Junction, CO (Q15-5852SG ; 4500259425)	07/01/15	Provide for consulting services involving verifi- cation of greenhouse gas emissions data reported by the Authority to the Climate Registry	06/30/20	B/P	\$10,000 (Interim Award Amount)		\$96,304*
							*Note: represents total for up to 5-year term	

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2 **Contract Type:** P= Personal Service; S= (Non-Personal) Service; C= Construction; E= Equipment; N= Non-Procurement; A= Architectural & Engineering Service; L= Legal Service

Procurement (Services) and Other Contracts – Awards
 (For Description of Contracts See "Discussion")

EXHIBIT "A"
 July 30, 2015

<u>Bus Unit/ Plant Site</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
OPERATIONS SUPPORT SERVICES - TECH COMPL - PHYSICAL INFRASTRUC. SECURITY	SUMMIT SECURITY SERVICES, INC. Uniondale, NY (Q15-5828SR ; PO# TBA)	08/01/15 (on or about)	Provide for background investigation services to support Authority opera- tions at its offices and operating facilities state- wide	07/31/20	B/S			\$2,500,000*

*Note: represents total for up to 5-year term

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Procurement (Services) Contracts – Extensions and/or Additional Funding
 (For Description of Contracts See "Discussion")

EXHIBIT "B"
July 30, 2015

<u>Plant Site/ Bus. Unit</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
ECONOMIC DEVELOPMENT & ENERGY EFFICIENCY - CUSTOMER ENERGY SOLUTIONS	TALISEN TECHNOLOGIES, INC. St. Louis, MO 4600002730	10/09/13	Provide for software & services related to the development & implementation of the Energy Mgmt Center / NY Energy Manager for continuous monitoring, analysis, forecasting & management of customer facility energy supply, consumption & costs	10/08/18	B/P	\$2,236,000 (Target Value)	\$1,786,461 (Released Amount)	\$7,236,000*
*Note: represents originally approved amount of \$1.79 million + an additional \$446,000 authorized per the EAPs + CURRENT REQUEST for \$5 million								
ENTERPRISE SHARED SERVICES - IT	6 related contracts: 1. AVEPOINT PUBLIC SECTOR, INC. Arlington, VA 4600002834 2. BLUEMETAL ARCHITECTS, INC. (formerly Jornata LLC) Watertown, MA 4600002850 3. EMC CORP. Hopkinton, MA 4600002849 4. KMQ ENTERPRISES, INC. dba TAILWIND ASSOCIATES Schenectady, NY 4600002851 5. STELLAR SERVICES, INC. ♦ New York, NY 4600002835	09/01/14	Provide for consulting services in connection with SharePoint 2013 implementation, including support for various business process improvements and strategic initiatives	07/31/19	B/P	\$1,199,998 (Aggregate Target Value)	\$840,768 (Aggregate Released Amount)	\$9,200,000*
*Note: includes originally approved aggregate total of \$1.2 million + CURRENT REQUEST for \$8 million								

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Procurement (Services) Contracts – Extensions and/or Additional Funding
(For Description of Contracts See "Discussion")

EXHIBIT "B"
July 30, 2015

<u>Plant Site/ Bus. Unit</u>	<u>Company Contract #</u>	<u>Start of Contract</u>	<u>Description of Contract</u>	<u>Closing Date</u>	<u>Award Basis¹ Contract Type²</u>	<u>Compensation Limit</u>	<u>Amount Expended To Date</u>	<u>Authorized Expenditures For Life Of Contract</u>
6. SUMMIT 7 SYSTEMS, INC. Huntsville, AL 4600002836								
OPERATIONS SUPP SERV - PROJ MGMT + STL	ABB, INC. Raleigh, NC 4500228543	01/23/13	Provide for services in connection with the GSU Transformer Re- placement Project at STL	12/31/17	B/C	\$24,353,657	\$9,070,288	\$30,616,644*
						*Note: includes original award amount of \$22,139,326 + an additional \$2,214,331 authorized per the EAPs + CURRENT REQUEST for \$6,262,987		
OPERATIONS SUPP SERV - TECH COMPL - PHYSICAL INFRASTRUC. SECURITY	CARCO GROUP, INC. Holtsville, NY 4600002319	07/01/10	Provide for background investigation services to support Authority opera- tions at its offices and operating facilities statewide	12/31/15	B/S	\$2,500,000	\$2,298,518	\$2,800,000*
						*Note: includes originally approved amount of \$1.5 million + an additional \$1 million authorized in accordance with the EAPs + CURRENT REQUEST for \$300,000		
OPERATIONS SUPP SERV - PROJ MGMT + NIA PROJ	FERGUSON ELECTRIC CONSTRUCTION CO. Buffalo, NY 4500252428	11/20/14	Provide for installation services for GSU trans- former Project at RMNPP	12/31/16	B/C	\$371,900	\$0	\$371,900*
						*Note: includes originally approved amount of \$371,900; NO additional funding requested		
OPERATIONS SUPP SERV - PROJ MGMT + STL	STIEGLITZ SNYDER ARCHITECTURE Buffalo, NY 4500219697	08/01/12	Provide for A/E, design and construction support services for the new Nature Center at Robert Moses State Park in Massena, NY	07/31/17	B/A	\$580,756	\$470,456	\$630,756*
						*Note: represents originally approved amount of \$430,993 + an additional \$149,763 authorized per the EAPs + CURRENT REQUEST for \$50,000		

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