



Legislation Details (With Text)

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Title: To authorize the Director of Public Utilities to enter into an agreement with Patrick Engineering Inc. for professional engineering services for the O'Shaughnessy Hydro Turbine Facility Improvements Project; for the Division of Water; to authorize a transfer and expenditure up to \$250,000.00 within the Water Works Enlargement Voted Bonds Fund; and to amend the 2014 Capital Improvements Budget. (\$250,000.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. ORD 2690-2014 Information, 2. ORD 2690-2014 map, 3. ORD 2690-2014 Sub ID

Date	Ver.	Action By	Action	Result
12/18/2014	1	CITY CLERK	Attest	
12/16/2014	1	MAYOR	Signed	
12/15/2014	1	COUNCIL PRESIDENT	Signed	
12/15/2014	1	Columbus City Council	Approved	Pass
12/8/2014	1	Columbus City Council	Read for the First Time	

1. BACKGROUND: This legislation authorizes the Director of Public Utilities to enter into an agreement with Patrick Engineering Inc. for professional engineering services for the O'Shaughnessy Hydro Turbine Facility Improvements Project, in an amount up to \$250,000.00, for Division of Water Contract No. 972. Two turbines, which if fully functional can produce up to 5 megawatts of power. One of the turbines is functional however, the equipment has a need for repairs to be at full capacity. The other turbine is not active at this time.

2. PROJECT DESCRIPTION AND FUTURE CONTRACT MODIFICATION:

This project will provide for Preliminary Design Services, Detailed Design Services, and Engineering Services During Construction for mechanical and electrical upgrades to the O'Shaughnessy Dam Hydro Turbine Facility. The initial contract authorization will provide funding for Preliminary Design Services. Authorization for Detailed Design Services and Engineering Services During Construction will be requested under future contract modifications.

3. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT: The O'Shaughnessy Dam and Reservoir is primarily used as a source of drinking water supply for a service area which includes Columbus and multiple suburban communities. Hydropower and recreation are secondary uses. The power plant, owned and operated by the City of Columbus, is licensed by the Federal Energy Regulatory Commission (FERC). Under the FERC licensing authority, power plants that are deemed to be underutilized or abandoned could potentially be taken over by another hydropower developer. Loss of operational control of the power plant could result in conflicts of interest between water supply and power generation. The power plant's two hydro turbine units need to be repaired to remain operational. This will allow the City to retain its license with FERC and full operational control of the the drinking water supply. Currently one of the turbines is functioning but will need repairs as well. The total capacity of each turbine running is approximately 5

megwatts.

4. BID INFORMATION: The selection of the firm providing the professional engineering services has been performed in accordance with the procedures set forth in Columbus City Code, Section 329.14, "Awarding professional service contracts through requests for proposals." The evaluation criteria for this contract included: 1. proposal quality, 2. experience of team, 3. ability to perform expeditiously, 4. demonstrated abilities to meet schedules and budgets, and 5. local workforce.

One Proposal was received on December 20, 2013 from Patrick Engineering Inc. An evaluation committee reviewed the proposal and scored it based on the criteria mentioned above. The Department of Public Utilities recommends that the contract be awarded to Patrick Engineering Inc.

The Contract Compliance Number for Patrick Engineering Inc. is 36-3008281 (expires 10/7/16, MAJ). Additional information regarding this bidder, description of work, contract time frame and detailed amount can be found on the attached Information form.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against Patrick Engineering Inc.

5. FISCAL IMPACT: A transfer of funds within the Water Works Enlargement Voted Bonds Fund will be necessary as well as an amendment to the 2014 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into an agreement with Patrick Engineering Inc. for professional engineering services for the O'Shaughnessy Hydro Turbine Facility Improvements Project; for the Division of Water; to authorize a transfer and expenditure up to \$250,000.00 within the Water Works Enlargement Voted Bonds Fund; and to amend the 2014 Capital Improvements Budget. (\$250,000.00)

WHEREAS, one technical proposal for professional engineering services for the O'Shaughnessy Hydro Turbine Facility Improvements Project was received on December 20, 2013; and

WHEREAS, the Department of Public Utilities recommends that the agreement be awarded to Patrick Engineering Inc.; and

WHEREAS, it is necessary for this Council to authorize a transfer and expenditure of funds within the Water Works Enlargement Voted Bonds Fund, for the Division of Water; and

WHEREAS, it is necessary to authorize an amendment to the 2014 Capital Improvements Budget for the purpose of providing sufficient spending authority for the aforementioned project expenditure; and

WHEREAS, it has become necessary in the usual daily operation of the Division of Water, Department of Public Utilities, to authorize the Director of Public Utilities to enter into a professional engineering services agreement for the O'Shaughnessy Hydro Turbine Facility Improvements Project; for the preservation of the public health, peace, property and safety;

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the Director of Public Utilities be and hereby is authorized to enter into a professional engineering services agreement for the O'Shaughnessy Hydro Turbine Facility Improvements Project with Patrick Engineering Inc., 4970 Varsity Drive, Lisle, Illinois 60532; for an expenditure up to \$250,000.00; in accordance with the terms and

conditions of the contract on file in the Office of the Division of Water.

SECTION 2. That the City Auditor is hereby authorized to transfer \$250,000.00 within the Department of Public Utilities, Division of Water, Dept/Div. No. 60-09, Water Works Enlargement Voted Bonds Fund, Fund No. 606, Object Level Three 6677, as follows:

Fund No. | Project No. | Project Name | OCA Code | Change

606 | 690236-100044 (carryover) | Duxberry Ave. Area WL Imp's | 663144 | -\$250,000.00

606 | 690444-100000 (carryover) | O'Shaughnessy Hydroelectric Imp's | 690444 | +\$250,000.00

SECTION 3. That the 2014 Capital Improvements Budget is hereby amended as follows:

Fund No. | Project No. | Project Name | OCA Code | Change

606 | 690236-100044 (carryover) | Duxberry Ave. Area WL Imp's | \$0 | \$265,758 | +\$265,758

(establish authority to match cash + rounding for future amendment)

606 | 690236-100044 (carryover) | Duxberry Ave. Area WL Imp's | \$265,758 | \$15,758 | -\$250,000

606 | 690444-100000 (carryover) | O'Shaughnessy Hydroelectric Imp's | \$0 | \$250,000 | +\$250,000

SECTION 4. That an expenditure up to \$250,000.00 is hereby authorized for the O'Shaughnessy Hydro Turbine Facility Improvements Project within Dept/Div. 60-09, Water Works Enlargement Voted Bonds Fund, Fund No. 606, Project No. 690444-100000 (carryover), OCA 690444, Object Level Three 6677.

SECTION 5. That the funds necessary to carry out the purpose of this Ordinance are hereby deemed appropriated, and the City Auditor shall establish such accounting codes as necessary.

SECTION 6. That the City Auditor is hereby authorized and directed to transfer any unencumbered balance in the project account to the unallocated balance within the same fund upon receipt of certification by the Director of the Department administering said project that the project has been completed and the monies no longer required for said project; except that no transfer shall be made from a project account by monies from more than one source.

SECTION 7. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 8. That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this Ordinance.

SECTION 9. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.