

## **Duncombe, Kelly (RER)**

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**From:** Smith, Isaac (WASD)  
**Sent:** Tuesday, April 09, 2013 10:23 AM  
**To:** Duncombe, Kelly (RER)  
**Subject:** RE: Contract S-852 - Review Committee Submittal

Good Morning Kelly,

The work of this project is for the construction of a very large critical master pump station. A huge part of the project will involve specialized construction of the coffercell, sheet piling, auger cast piling, walers, tilt-up panels; specialty services, including instrumentation & controls, programming & calibration and most importantly systems integration; the furnishing and installation of specialty high voltage and very expensive electrical/mechanical equipment, such as the 1,500 Kilowatt generator, 300 horsepower vertical turbine pumps with variable frequency drives, medium and high voltage electrical switchgear, motor control centers and transformers., and as such, the following minimum requirements will be imposed:

The Bidder must have successfully completed the installation of a minimum of three (3) hydraulic structures within the last ten (10) years meeting the following requirements:

- 1) Structure ground floor a minimum of 10 feet below the average ground water level elevation.
- 2) Structure construction requiring installation of sheet piling, coffercell and tremie seal with a minimum tremie seal volume of 200 cubic yards.

The Bidder shall have successfully completed the installation of a minimum of three (3) raw sewage pump stations within the last five (5) years meeting the following requirement:

- 1) Installation of dry pit vertical turbine non-clog pumps (minimum 150 horsepower)

The electrical subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience with variable frequency drives, medium voltage power supply and standby diesel generators within the last five (5) years meeting the following requirements:

- 1) Minimum generator size: 1,250 kW
- 2) Medium voltage switchgear

Finally, by the way the prime will most likely be a mechanical, general engineering contractor or a state general contractor.

Thanks

**Isaac Smith, Manager**  
**Miami-Dade County Water & Sewer Department**  
Construction Contracts Section  
3575 S. LeJeune Road, Suite 136, Miami, Florida 33146  
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**From:** Duncombe, Kelly (RER)  
**Sent:** Thursday, April 04, 2013 5:11 PM

**To:** Smith, Isaac (WASD)  
**Subject:** FW: Contract S-852 - Review Committee Submittal

Good Afternoon Isaac,

Please advise as to all **special requirements** that the subcontractors should possess (if any) including the requirements for the electrical subcontractor.

As soon as I receive this information I will proceed with my review.

Thank you,

Kelly Duncombe  
Contract Development Specialist 2  
Department of Regulatory and Economic Resources  
Small Business Development Division  
111 N.W. 1 Street, 19<sup>TH</sup> Floor, Miami, FL 33128  
Phone: (305) 375-3136 Fax: (305) 375-3160  
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**From:** Johnson, Laurie (RER)  
**Sent:** Thursday, April 04, 2013 4:40 PM  
**To:** Duncombe, Kelly (RER)  
**Subject:** FW: Contract S-852 - Review Committee Submittal

Chics,

CM review required.

*Laurie Johnson, Manager  
Business Support Services  
Small Business Development Division  
Department of Regulatory and Economic Resources  
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Miami, FL 33128  
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**From:** Smith, Isaac (WASD)  
**Sent:** Thursday, April 04, 2013 4:39 PM  
**To:** Johnson, Laurie (RER)  
**Subject:** Contract S-852 - Review Committee Submittal

Good Afternoon Laurie,

Please find attached the required forms for submittal of Contract S-852, Master Pump Station No. 3, for Review Committee.

This item is for the proposed construction of a master sewerage pumping station to relieve the pressure on our current 4<sup>th</sup> Street Pumping Station (adjacent to the Miami River across from Garcia's Seafood). Please be advised the majority of the \$20 Million estimate is for specialized construction & interior equipment: including sheet piling, auger cast piling, coffercel, four 300 HP vertical turbine pumps with variable frequency drives (VFD), 1,500 kW 4,160 Volt emergency back-up generator, remote telemetry units, instrumentation, hydro-pneumatic accumulator system and controls, including large electrical switchgear, motor control centers and transformers.

If you have any question, please feel free to contact me directly.

Thanks,

**Isaac Smith, Manager**  
**Miami-Dade County Water & Sewer Department**  
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