

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**FDOT DESCRIPTION OF INTENDED
 SINGLE SOURCE PURCHASE
 (PUR 7776)**

375-040-53
 PROCUREMENT
 03/19

AGENCY: DEPARTMENT OF TRANSPORTATION

TITLE: TAM Air Isothermal Calorimeter

Short description of the commodity or service desired: Purchase of TAM Air Isothermal Calorimeter as manufactured by TA Instruments

CONTACT

Name: Katie Wagner

Address: 605 Suwannee Street, MS 20, Tallahassee, Florida 32399-0450

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Email: katie.wagner@dot.state.fl.us

Internal tracking number, if any: DOT-SS-20-9017-KW

Date posted: 8/12/2019 5:00 PM

Last day for receipt of information: 8/21/2019 5:00 PM

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with section 287.057(3)(c), Florida Statutes and will remain posted for a period of at least 7 business days.

Commodity or Service Required (commodity class and group, manufacturer, model, and description, as appropriate):
41114500 Mechanical instruments

Quantity or Term (as appropriate): 8/2019-6/2020

Requestor (division, bureau, office, individual, as appropriate): SMO, Jerrat Walker

Performance and/or Design Requirements (intended use, function or application, compatibility etc. requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate): The Isothermal Calorimeter measures the Heat of Hydration (HOH) at constant temperature, which is the heat produced during hydration of cementitious materials. The State Materials Office requires producers to supply cement HOH values using isothermal calorimetry. The replacement isothermal calorimeter is necessary to enable the testing of all the cementitious materials needed for evaluation of mass concrete mix designs and quality assurance of cements and supplemental cementitious materials.

Intended source (vendor, contractor): TA Instruments- Waters LLC

Estimated Dollar Amount: \$49,990.00

Justification for single source acquisition (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate): Failure to purchase the TAM Air calorimeter would deny the contractor the information necessary to choose the cementitious material combinations, based on the composite HOH values needed, to ensure that the potential for thermal cracking of the structure would be minimized. Therefore, the ability of the SMO to ensure that contractors provide concrete that has a very low potential for thermal cracking will be comprised making TA Instruments the only vendor who can provide this equipment.

Approved By: (names & titles, as appropriate to Post on Vendor Bid System (VBS), e.g., requestor, requestor management, information systems, budget, purchasing):

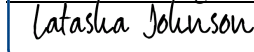


State Purchasing Administrator

Authorized Signature

Title

Central Office Legal Review:



Chief, Contracts

Authorized Signature

Title

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Legal review by the Office of General Counsel is required prior to posting. Please coordinate with District Legal Counsel prior to submission to the Office of General Counsel, MS-58.

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency, after reviewing any information received from prospective vendors, that the commodities or contractual services are available only from a single source, the agency shall:

1. Provide notice of its intended decision to enter a single-source purchase contract in the manner specified in s.120.57 (3) F.S.