



**State of Oklahoma  
Department of Central Services  
Procurement**

**Amendment of Solicitation**

**Date of Issuance:** February 23, 2010  
**Requisition No.** 1050000123

**Solicitation No.** 1050000034  
**Amendment No.** 1

Hour and date specified for receipt of offers is changed:  No  Yes, to: 03/02/2010 **4.00 PM CST/CDT**

Pursuant to OAC 580:15-4-5(c)(5), this document shall serve as official notice of amendment to the Solicitation identified above. Such notice is being provided to all suppliers to which the original solicitation was sent. Suppliers submitting bids or quotations shall acknowledge receipt of this solicitation amendment prior to the hour and date specified in the solicitation as follows:

- (1) Sign and return a copy of this amendment with the solicitation response being submitted; or,
- (2) If the supplier has already submitted a response, this acknowledgement must be signed and returned prior to the solicitation deadline. All amendment acknowledgements submitted separately shall have the solicitation number and bid opening date printed clearly on the front of the envelope.

**ISSUED BY and RETURN TO:**

**U.S. Postal Delivery:**

Department of Central Services, Procurement  
P.O. Box 53218  
Oklahoma City, OK 73152-3218  
or

Keith Hicks  
Contracting Officer  
( 405 ) - 522 - 3790  
Phone Number

**Personal or Common Carrier Delivery:**

Department of Central Services, Central Purchasing  
Will Rogers Building  
2401 N. Lincoln Blvd., Suite 212  
Oklahoma City, OK 73105

Keith\_Hicks@dcs.state.ok.us  
E-Mail Address

**Description of Amendment:**

a. This is to incorporate the following:

This amendment is to incorporate the following specifications for this solicitation.

b. All other terms and conditions remain unchanged.

\_\_\_\_\_  
Supplier Company Name (**PRINT**) \_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Representative Name (**PRINT**) \_\_\_\_\_  
Authorized Representative Signature

OKLAHOMA DEPARTMENT OF AGRICULTURE, FOOD & FORESTRY  
LABORATORY SERVICES DIVISION

Bid Specifications for.

For the bid to qualify for consideration the following minimum specifications must be met entirely and without exception OR the vendor must explain any variation or exception to these minimum specifications in detail and item by item. The vendor must provide product brochures and/or published literature detailing the item specifications.

Bidders must initial each line of specifications indicating product bid meets that specification, or note the exception.

Line 1:

- \_\_\_\_\_ 1.1. Type I, one piece construction
- \_\_\_\_\_ 1.2. Classification: ASTM E617 Class 0
- \_\_\_\_\_ 1.3. Configuration: 5,3,2,1
  - \_\_\_\_\_ 1.3.1. Milligram standards shall be leaf weights, wire weights will not be accepted
  - \_\_\_\_\_ 1.3.2. Milligram standards shall be free of any cracks or jagged edges
- \_\_\_\_\_ 1.4. Material: Stainless Steel
  - \_\_\_\_\_ 1.4.1. Magnetic properties to be at least equal to NIST Check Weight 8 material
- \_\_\_\_\_ 1.5. Density determination for each mass standard with associated uncertainty

Line 2:

- \_\_\_\_\_ 1.6. Design: Block shape similar to NIST Handbook 105-1990 Class F, Figure 2
  - \_\_\_\_\_ 1.6.1. Handle to be no less than 3 inches long and not to exceed 5 inches
  - \_\_\_\_\_ 1.6.2. Handle diameter to be no less than 1 inch and not to exceed 1.25 inch
  - \_\_\_\_\_ 1.6.3. Clearance from bottom of grip handle to the body of standard to be no less than 1.25 inch and not to exceed 1.5 inch
  - \_\_\_\_\_ 1.6.4. The adjustment cavity may be located in the handle
- \_\_\_\_\_ 1.7. Type II construction, sealable
  - \_\_\_\_\_ 1.7.1. The seal for the adjusting cavity shall not be located on bottom of standard
- \_\_\_\_\_ 1.8. Classification: ASTM E617-97 Class 2
- \_\_\_\_\_ 1.9. Density: 7.84 to 8.03 g per cubic centimeter
- \_\_\_\_\_ 1.10. Material: Equal to or better than austenitic stainless steel
- \_\_\_\_\_ 1.11. Magnetic Susceptibility: must not exceed maximum permissible magnetic properties listed in ASTM E617-97 table 2 for class 2

- \_\_\_\_\_ 1.12. Density identification for each mass standard with associated uncertainty of stated density included
- \_\_\_\_\_ 1.13. Each standard must have a unique serial number, this serial number to be located on same side as the seal for the adjusting cavity

Line 3:

- \_\_\_\_\_ 1.14. Design: Block shape similar to NIST Handbook 105-1990 Class F, Figure 2
  - \_\_\_\_\_ 1.14.1. Handle to be no less than 3 inches long and not to exceed 5 inches
  - \_\_\_\_\_ 1.14.2. Handle diameter to be no less than 1 inch and not to exceed 1.25 inch
  - \_\_\_\_\_ 1.14.3. Clearance from bottom of grip handle to the body of standard to be no less than 1.25 inch and not to exceed 1.5 inch
  - \_\_\_\_\_ 1.14.4. The adjustment cavity may be located in the handle
- \_\_\_\_\_ 1.15. Type II construction, sealable
  - \_\_\_\_\_ 1.15.1. The seal for the adjusting cavity shall not be located on bottom of standard
- \_\_\_\_\_ 1.16. Classification: ASTM E617-97 Class 2
- \_\_\_\_\_ 1.17. Density: 7.84 to 8.03 g per cubic centimeter
- \_\_\_\_\_ 1.18. Material: Equal to or better than austenitic stainless steel
- \_\_\_\_\_ 1.19. Magnetic Susceptibility: must not exceed maximum permissible magnetic properties listed in ASTM E617-97 table 2 for class 2
- \_\_\_\_\_ 1.20. Density identification for each mass standard with associated uncertainty of stated density included
- \_\_\_\_\_ 1.21. Each standard must have a unique serial number, this serial number to be located on same side as the seal for the adjusting cavity

Line 4:

- \_\_\_\_\_ 1.22. Design: Block shape similar to NIST Handbook 105-1990 Class F, Figure 2
  - \_\_\_\_\_ 1.22.1. Handle to be no less than 3 inches long and not to exceed 5 inches
  - \_\_\_\_\_ 1.22.2. Handle diameter to be no less than 1 inch and not to exceed 1.25 inch
  - \_\_\_\_\_ 1.22.3. Clearance from bottom of grip handle to the body of standard to be no less than 1.25 inch and not to exceed 1.5 inch
  - \_\_\_\_\_ 1.22.4. The adjustment cavity may be located in the handle
- \_\_\_\_\_ 1.23. Type II construction, sealable
  - \_\_\_\_\_ 1.23.1. The seal for the adjusting cavity shall not be located on bottom of standard
- \_\_\_\_\_ 1.24. Classification: ASTM E617-97 Class 2
- \_\_\_\_\_ 1.25. Density: 7.84 to 8.03 g per cubic centimeter
- \_\_\_\_\_ 1.26. Material: Equal to or better than austenitic stainless steel
- \_\_\_\_\_ 1.27. Magnetic Susceptibility: must not exceed maximum permissible magnetic properties listed in ASTM E617-97 table 2 for class 2

- \_\_\_\_\_ 1.28. Density identification for each mass standard with associated uncertainty of stated density included
- \_\_\_\_\_ 1.29. Each standard must have a unique serial number, this serial number to be located on same side as the seal for the adjusting cavity

Line 5:

- \_\_\_\_\_ 1.30. Design: Block shape similar to NIST Handbook 105-1990 Class F, Figure 2
  - \_\_\_\_\_ 1.30.1. Handle to be no less than 3 inches long and not to exceed 5 inches
  - \_\_\_\_\_ 1.30.2. Handle diameter to be no less than 1 inch and not to exceed 1.25 inch
  - \_\_\_\_\_ 1.30.3. Clearance from bottom of grip handle to the body of standard to be no less than 1.25 inch and not to exceed 1.5 inch
  - \_\_\_\_\_ 1.30.4. The adjustment cavity may be located in the handle
- \_\_\_\_\_ 1.31. Type II construction, sealable
  - \_\_\_\_\_ 1.31.1. The seal for the adjusting cavity shall not be located on bottom of standard
- \_\_\_\_\_ 1.32. Classification: ASTM E617-97 Class 2
- \_\_\_\_\_ 1.33. Density: 7.84 to 8.03 g per cubic centimeter
- \_\_\_\_\_ 1.34. Material: Equal to or better than austenitic stainless steel
- \_\_\_\_\_ 1.35. Magnetic Susceptibility: must not exceed maximum permissible magnetic properties listed in ASTM E617-97 table 2 for class 2
- \_\_\_\_\_ 1.36. Density identification for each mass standard with associated uncertainty of stated density included
- \_\_\_\_\_ 1.37. Each standard must have a unique serial number, this serial number to be located on same side as the seal for the adjusting cavity

Line 6:

- \_\_\_\_\_ 1.38. Design: Block shape similar to NIST Handbook 105-1990 Class F, Figure 2
  - \_\_\_\_\_ 1.38.1. Handle to be no less than 3 inches long and not to exceed 5 inches
  - \_\_\_\_\_ 1.38.2. Handle diameter to be no less than 1 inch and not to exceed 1.25 inch
  - \_\_\_\_\_ 1.38.3. Clearance from bottom of grip handle to the body of standard to be no less than 1.25 inch and not to exceed 1.5 inch
  - \_\_\_\_\_ 1.38.4. The adjustment cavity may be located in the handle
- \_\_\_\_\_ 1.39. Type II construction, sealable
  - \_\_\_\_\_ 1.39.1. The seal for the adjusting cavity shall not be located on bottom of standard
- \_\_\_\_\_ 1.40. Classification: ASTM E617-97 Class 2
- \_\_\_\_\_ 1.41. Density: 7.84 to 8.03 g per cubic centimeter
- \_\_\_\_\_ 1.42. Material: Equal to or better than austenitic stainless steel
- \_\_\_\_\_ 1.43. Magnetic Susceptibility: must not exceed maximum permissible magnetic properties listed in ASTM E617-97 table 2 for class 2

\_\_\_\_\_ 1.44. Density identification for each mass standard with associated uncertainty of stated density included

\_\_\_\_\_ 1.45. Each standard must have a unique serial number, this serial number to be located on same side as the seal for the adjusting cavity

Line 7 and Line 8 as described on line.

Line 9:

\_\_\_\_\_ 1.46. Shipping costs must be included with FOB to the destination agency located in Oklahoma City, Oklahoma.