

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-345
Item to be Scouted	Ultra-microbalance
Days to be scouted	15
Response Due By	07/23/2026
Description	Need manufactured or commercial off the shelf ultra-microbalance similar in form, fit, and function to the XPR3 Ultramicro Balance operates at 115V and has dimensions not exceeding 125 mm (W) x 360 mm (D) x 180 mm (H). This

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BAAS
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Electronic Assembly
Provide dimensions / size / tolerances / performance specifications for the item	The XPR3 Ultramicro Balance operates at 115V and has dimensions not exceeding 125 mm (W) x 360 mm (D) x 180 mm (H). This instrument offers a 3.1 g capacity, 0.001 mg readability, 0.0008 mg repeatability, 0.004 mg linearity deviation, 0.003 mg eccentricity, and a 0.045 mg sensitivity offset. Key features include a draft shield, active temperature control, a glove-compatible touchscreen, level control, status lighting, a low-measurement warning function, user management with password protection, and quality assurance capabilities. Due to the high precision required, installation, training, and all services must be provided by the manufacturer or a certified technician, and a two-year extended warranty is necessary to maintain calibration and scientific integrity. This laboratory equipment item is not manufactured in the United States in sufficient and reasonably available quantities of satisfactory quality. Washington
List required materials needed to make the product, including materials of product components	Manufacturing requires high-performance materials designed for extreme stability and precision. The core utilizes electromagnetic force restoration (EFR) components made of specialized alloys and rare-earth magnets, while the weighing pan and internal supports are crafted from non-magnetic stainless steel and high-grade polymers to prevent corrosion and interference. The exterior housing consists of die-cast aluminum or reinforced plastics, and the essential draft shield is made of high-transparency, low-expansion glass to isolate the sample from air currents. Electronic circuitry integrates silicon-based semiconductors, gold-plated connectors for conductivity, and high-resolution LCD displays.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No

Additional Technical Comments	Need manufactured or commercial off the shelf titrator similar in form, fit, and function to the XPR3 ultramicro balance, manufactured by Mettler Toledo, USA. The Environmental Physiology Program within the EFS Division requires the use of this ultramicro balance for accurate weighing of extremely small amounts of chemicals (05. – 1.0 mg). The purchase of this ultramicro balance will allow the Environmental Physiology Program to continue further the agency's mission and comply with Executive Order 14276 (Restoring American Seafood Competitiveness), specifically associated with research on Pacific salmon hatchery science. The EFS Division requires the following manufactured or commercial off the shelf titrator similar in form, fit, and function to the Mettler Toledo items in order to ensure successful installation and familiarization with the newly procured ultramicro balance: Mettler Toledo XPR3 ultramicro balance Quantity: 1 Installation/Training/Calibration by a Mettler Toledo certified technician (IPac Standard Qualification) Quantity: 1 Extended Care performed by a Mettler Toledo certified technician for the purposes of optimal calibration of equipment once it has settled into place. This is specifically required due to site conditions of nearby pile driving six months of the year which creates significant vibration to our site affecting our equipment. Quantity: 1 The total price of this ultramicro balance package must include delivery with a liftgate; "white glove" delivery service, including complete uncrating, in-lab setup/installation, and familiarization by a factory-trained technician (IPac Standard Qualification); and extended care as described above.
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Section 4: Business Information

Estimated potential business volume	One-time purchase of a single unit
Estimated target price / unit cost information (if unavailable explain)	Approximately \$30K
When is it needed by?	Required in 3 months.
Describe packaging requirements	Individually packaged laboratory equipment.
Where will this item be shipped?	Seattle, WA 98112

Additional Comments

Is there other information you would like to include?	Agency providing funds: NOAA National Marine Fisheries Service Name/POC for BABA related questions: Raynier Camerino Email address of contact: raynier.camerino@noaa.gov
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