



Republic of the Philippines VISAYAS STATE UNIVERSITY

Visca, Baybay City, Leyte

PURCHASE REQUEST

PR No.: STF-2022-03-00376

Date: 03-31-2022

Dept./Office: DARI

Section/End-User: Jo Jane D. Atok

Funding Source: Special Trust Fund

Category: Laboratory

Equipment

Project Title/Code: ARICenter-2021 (CO)

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Anti-vibration Table	unit	1	500,000.00		500,000.00

Specification:

Compatibility/Purpose: Suitable for applications in microscopy, optical path testing, optical measurement, laser interference, laser scanning, spectral holographic experiments, etc.

- 1. Countertop Material: At least 6mm 1Cr17 high quality high magnetic permeability stainless steel
- 2. Overall thickness of table: At least 100mm
- 3. The height of the table above the ground: At least 800mm
- 4. Overall dimensions of the table (length*width*height): At least 1200mm*900mm*800mm
- 5. Fixing screw hole: Table cloth M6 screw hole array spacing of at least 25mm×25mm
- 6. Internal structure of the table: Honeycomb steel structure
- 7. Amplitude: ?1.0um
- 8. Countertop Flatness Accuracy: 0.02 0.05mm/m2
- 9. Surface roughness: ?0.8?m
- 10. Natural frequency: Vertical 1.2?1.8Hz; Horizontal 1.2?1.8Hz
- 11. Load weight capacity: At least 300Kg
- 12. Vibration reduction efficiency:
- •When the x-direction is less than 5Hz: 86%?92%
- •When the y-direction is less than 5Hz: 84%?90%
- •When the x-direction is less than 10Hz: 90%?96%
- •When the y-direction is less than 10Hz: 88%?93%
- 13. Platform support method
- •Built-in 4-point gas vibration device support system,

- ·Automatic inflation and automatic balance,
- •Imported pneumatic components,
- •Equipped with casters, easy to move,
- •Equipped with ultra-quiet air compressor
- 14. Important Features
- ·Built-in precision air spring
- •Vibration isolation system
- Automatic leveling function

Inclusions:

Installation and on-site training Supplier must provided necessary materials and accessory during installation (e.g. UPS and AVR, if necessary) At least one year product warranty

	TOTAL		500,000.		
Purpose: For I	aboratory use.				
Checked by:	Mered	The second secon	Funds Available:		
	ELIZABETH S. QUEVE	:DO	ALICIA M. FLORES		
	TWG - Laboratory Equip	ment	HEAD, BUDGET OFFICE		
Signature:	Requested by: JO JANE D. ATOK	Noted by:	Approved by: Marketa RESA P. LORETO Approved by: LLYTHE EDGARDO E. TULIN		
Designation:	ENDUSER		PROJECT LEADER PRESIDENT, VSU		