



Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte

SCAN HERE



PR-2022-0331-24953

OP 4/12/22

PURCHASE REQUEST

Dept./Office: **DARI**

Section/End-User: **Jo Jane D. Atok**

Funding Source: **Special Trust Fund**

PR No.: **STF-2022-03-00376**

Date: **03-31-2022**

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,

