

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NASA SHARED SERVICES CENTER
RECOMMENDATION AND DETERMINATION TO SOLICIT FROM ONE SOURCE
OR BRAND NAME

PICK ONE

Brand Name Justification:

✖ I recommend that NASA, NASA Shared Services Center negotiate with only with vendors who can provide the subject band name from Treston for ESD Benches & Chairs. The estimated period of performance or lead-time for delivery is 2-4 Weeks.

This recommendation is for the acquisition of supplies or services determined to be reasonably available from only one source/only one manufacture. Competition is impractical for the following reasons (please answer the questions below):

1. What are the reasons for soliciting only the suggested source/suggested brand name? Please provide the unique characteristics of the items or services along with the supporting rationale and the market research performed to substantiate your reason for the suggested source/brand name.

The requested QS SB benches and Integra chairs possess unique characteristics that are critical to the laboratory's operations, including:

Specific ESD Grounding Capabilities: The Integra chairs feature polished aluminum bases with a brass drag chain and specific ESD dual wheel interval braking casters that are required to safely ground personnel and prevent sudden rolling when unoccupied. Standardization/Form Factor: The lab currently utilizes this specific model and brand (QS SB / Integra). Procurement of this specific brand is necessary to ensure exact physical compatibility, interlocking capabilities, and ergonomic consistency with the existing laboratory footprint and electrical daisy-chaining infrastructure. Integrated Power & Lighting: The QS SB benches include a highly specific 15-AMP electrical channel and integrated undershelf LED lighting that meets the exact spacing and electrical load requirements of the testing equipment used by our technicians. Integrated Shelf: The QS SB benches include an instrument shelf capable of supporting up to 500lbs of equipment. While other vendors manufacture ESD-rated furniture their products did not meet the exact configuration requirements. Therefore, it was determined that only Treston can fully meet the Government's technical and safety requirements without requiring a complete redesign of the lab space.

Arlink benches do not offer integrated shelves, drawers, or electrical outlets required for this application

Cleatech Cleanroom Workbench shelf only supports up to 400lbs

QSource IAC Workmaster Pro Series doesn't come in 36x72 size

BostonTec ESD Workbench shelf only supports up to 100lbs

Proline Modular ESD Workbench shelf only supports up to 125lbs

2. What is the impact to the government if another vendor/brand is used? Include any dollar, schedule, or compatibility impacts if possible.

If another vendor or brand is utilized, the Government will face significant impacts:

Compatibility Impacts: Introducing a different brand of ESD benches and chairs will disrupt the standardized grounding infrastructure and physical footprint of the lab. Different benches may not align properly with our current electrical drops or match the specific dimensions (36"D x 72"L) required to safely house our diagnostic equipment.

Mixing ESD standards (e.g., differing drag chains or casters) introduces a risk of electrostatic discharge events that could irreparably damage sensitive, high-value spaceflight hardware.

Dollar Impacts: If incompatible benches are procured, the Government would incur additional costs of approximately to modify the lab's electrical infrastructure (e.g., moving power drops to accommodate different shelf electrical risers) and redesign the floor plan. Furthermore, an ESD event caused by inadequate or mismatched grounding equipment could result in the loss of electronic components.

Schedule Impacts: Redesigning the lab space to accommodate a different brand of furniture, or re-verifying the ESD safety compliance of a new, untested brand, would result in schedule dela. This delay in lab readiness would directly delay the assembly and testing of components, jeopardizing the project's critical path milestones.

ADDITIONAL COMMENTS:

Technical User Name 08/06/2026 **Date**
Associate Branch Head _____
Title

Office