

# MEPNN Supplier Scouting Opportunity Synopsis

## Item Information

Scouting Number	2023-074
Item to be Scouted	lightweight portable leg press machine
Days to be scouted	60
Description	The device is a lightweight portable leg press machine that can be used sitting in a chair or lying down. To be sold to nursing homes, hospitals and assisted living and home health agencies
State item to be used in	Pennsylvania

## Contact Information

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First Name	Dana
Last Name	Gordon
Department / Company / MEP Center	Pennsylvania MEP
Bureau / Division / MEP Center Regional Office	IMC

## Supplier Information

Type of supplier being sought	Manufacturer
Reason	New product startup

## Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Mechanical Assembly with resistance tubing.
Provide dimensions / size / tolerances / performance specifications for the item	See attachments. CAD drawing and diagrams available with NDA
List required materials needed to make the product, including materials of product components	metal, resistance tubing.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Additional Technical Comments	Company currently seeking FDA classification as to whether the device is a medical device or wellness product. There is a mat attachment to be used so that device can be used in bed.

## Volume and Pricing

Estimated potential business volume	Existing P.O for 1000. Markets are 6100 SNF, hospitals and assisted living facilities. Some will need more than 1 device.
Estimated target price / unit cost information (if unavailable explain)	\$3500 ea.

# Delivery Requirements

When is it needed by?	60-90 days
Describe packaging requirements	each will need to be boxed ready to ship.
Where will this item be shipped?	USA via UPS or USPS

# Additional Comments

Is there other information you would like to include?	
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# Band Capture / Selecting Pounds of Tension process:

Internal Pull Mechanism (D) contains ten pull bands (C). Each pull band has a tension of 10 lbs. Mechanism is designed to pull either 2, 4, 6, 8, and 10 pull bands at a time enabling either 20, 40, 60, 80 or 100 lbs of tension.

Selection Dial (A) has five settings marked with the associated 20, 40, 60, 80 and 100 pounds of tension. By rotating the Selection Dial to 20 you are rotating the band capture mechanism (B) to engage two of the ten pull bands, thusly resulting in 20 lbs of tension. These two pull bands are 180 degrees apart for a balanced weight / tension distribution.

In example depressing the foot petals (not shown) at the 20 pound setting on the Selection Dial will stretch only two 10 lb pull bands, thusly requiring 20 lbs of exertion from the user. The remaining eight pull bands will not be engaged and remain unstretched when used.

In example by selecting 80 on the Selection Dial, you are rotating the band capture mechanism to engage eight of the ten pull bands, thusly resulting in 80 lbs of tension. These eight pull bands are 180 degrees apart for a balanced weight / tension distribution.

Depressing the foot petals at the 80 lb setting on the selection dial will stretch only eight 10 lb pull bands, thusly requiring 80 lbs of exertion to depress. The remaining two pull bands will not be engaged and remain unstretched when used.



