

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-198
Item to be Scouted	Stainless Steel Sheets
Days to be scouted	30
Response Due By	07/18/2025
Description	A company in Puerto Rico is looking for suppliers capable of supplying and cutting stainless steel AISI 316L sheets that will be used as cylindrical walls of stainless steel storage tanks.

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	Re-shore
Describe the manufacturing processes (elaborate to provide as much detail as possible)	The stainless steel sheets usually go through a process of refining and casting, hot rolling, annealing, pickling and finally cutting, edge trimming and flattening. We are looking for someone that can make these stainless steel sheets from scratch or the final cutting and finishing details.
Provide dimensions / size / tolerances / performance specifications for the item	<p>The stainless steel sheets must be AISI 316L for use as walls for a storage tank. Sheets must comply with ASTM A240M-24 / ASME SA240M standards. The wall thickness must ensure structural strength, weldability, and corrosion resistance. The sheets must have a Sanitary grade #320 or higher finish in the interior and exterior.</p> <p>The dimensions are as follows: There are two types of stainless steel sheets. Sheet type 1 has a wall thickness of 0.80mm, a width of 1220mm, length of 3875mm and a tank capacity of 450 gallons. Sheet type 2 has a wall thickness of 0.80mm, a width of 1220mm, and length of 4473mm.</p>
List required materials needed to make the product, including materials of product components	AISI 316L stainless steel.
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	Yes
Details	ASTM A240M-24 / ASME SA240M standards are required. The sheets must have a Sanitary grade #320 or higher finish in the interior and exterior.
Additional Technical Comments	<p>Notes:</p> <ul style="list-style-type: none">- The wall thickness must ensure structural integrity, ease of welding, and corrosion resistance.- All sheets must be AISI 316L stainless steel, free of visible defects or deformations.- All sheets must have a sanitary finish on both interior and exterior surfaces (grade #320 or higher).

Section 4: Business Information

Estimated potential business volume	They are looking for a volume of 1,500 sheets yearly for each stainless steel sheet type. For a total of 3,000 sheets annually.
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Estimated target price / unit cost information (if unavailable explain)	<p>The target price for Sheet type 1 is \$166 per sheet. The target price for Sheet type 2 is \$190 per sheet.</p> <p>We are looking for FOB prices at the origin.</p>
When is it needed by?	As soon as possible.
Describe packaging requirements	The Sheets can be palletized. However they require that each panel be separated by a wrap or plastic film to prevent damages such as scratches.
Where will this item be shipped?	San Juan, Puerto Rico.

Additional Comments

Is there other information you would like to include?

Technical Specifications – Stainless Steel Tank Walls AISI 316L

These technical specifications apply exclusively to the cylindrical walls of storage tanks made of AISI 316L stainless steel, with capacities of 450, 600, 780, and 1,200 gallons. SS316 sheets must comply with ASTM A240M-24 / ASME SA240M standards, and the dimensions must be validated according to structural strength and operational pressure requirements.

1. Wall Dimensions by Tank Capacity

Plate	Wall Thickness (mm)	Width (mm)	Length (mm)	Tank Capacity (gal)
1	0.80	1220	3875	450
2	0.80	1220	4473	600, 780, 1200

Notes:

- The wall thickness must ensure structural integrity, ease of welding, and corrosion resistance.
- All sheets must be AISI 316L stainless steel, free of visible defects or deformations.
- All sheets must have a sanitary finish on both interior and exterior surfaces (grade #320 or higher).
- Tank walls shall be manufactured from the sheets listed in the table above.

2. Validation Protocol for New Suppliers

1. Submission of Initial Samples:

- Three samples from different batches to evaluate consistency.

2. Equipment Manufacturing with Sample Batches:

- Three units manufactured using the different batches.

3. Inspection and Approval:

- Evaluation of mechanical properties, surface finish, and dimensional measurements.
- Acceptance criteria: Full compliance with these specifications.

4. Required Documentation:

- Certificates of chemical composition.
- Mechanical and surface test results.
- Traceability report with lot number and production date.