Part I: General
1.1 Work Included:
The work consists of furnishing all labor, materials, accessories and equipment necessary to cover all areas shown on the drawings and specified herein with Xalon RF/EMI Panels.

1.2 Delivery and Storage:
Store this product in unopened cartons in a clean, cool, dry interior space. Cartons and product must be protected against marring, water, dirt or damage during delivery and storage.

Part II: Product
2.1 Product and Manufacturer:
Xalon RF Shielding System:
21100 Morewood Pkwy, Rocky River, OH Ohio 44116
Phone: (833) 925.6673 Website: www.xalonrf.com
Email: sales@xalonrf.com

2.1.1 Geometric Shape: Custom, Rectangular

2.1.2 Size & Thickness:
Max size (4’ x 8’), Thickness ¼”

2.1.3 Core: ¼” Fluted Cardboard

2.1.4 Surface Finish:
2 mil Aluminum foil one side & 5 mil Aluminum foil one side

2.1.5 Color: Silver

2.1.6 Application: Interior

2.1.6a Warranty: 1 Year Standard on workmanship

2.1.7 Edge Construction: Fluted cardboard

2.1.7a Edge Shape: Natural

2.1.7b Product Weight per sheet: ¼” 8 lbs

2.1.8 Acoustical Performance: NRC.35

2.1.9 Incombustibility: Class C Per ASTM E84

2.1.10 X25 Shielding Effectiveness:
As Installed Butt Jointed & Seam Taped with 4” wide EC tape
Tested per IEEE-299: 2006

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Attenuation (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 KHz, Magnetic Field</td>
<td>20</td>
</tr>
<tr>
<td>100 KHz, Magnetic Field</td>
<td>25</td>
</tr>
<tr>
<td>10 KHz, Electric Field</td>
<td>≥35</td>
</tr>
<tr>
<td>100 KHz, Electrical Field</td>
<td>≥55</td>
</tr>
<tr>
<td>10 MHz, Electrical Field</td>
<td>≥95</td>
</tr>
<tr>
<td>100 MHz, Plane Wave</td>
<td>≥95</td>
</tr>
<tr>
<td>400 MHz, Plane Wave</td>
<td>≥95</td>
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<tr>
<td>1 GHz, Plane Wave</td>
<td>≥85</td>
</tr>
<tr>
<td>10 GHz, Plane Wave</td>
<td>≥85</td>
</tr>
<tr>
<td>18 GHz, Plane Wave</td>
<td>≥75</td>
</tr>
<tr>
<td>40 GHz, Plane Wave</td>
<td>≥75</td>
</tr>
</tbody>
</table>

2.1.11 Joint Sealing Tape:
5 mil Aluminum Conductive Tape

2.1.12 R Value: 1/4” is 1

2.1.13 Recycled Content:
Documented 100% recycled content comprised of 93% “post-consumer” recovered materials.

Part III: Execution
3.1 Installation
3.1.1 Xalon Shielding Panels:
Shall be located and spaced as detailed on reflected ceiling plans and/or detailed on the interior elevation drawings and as indicated on room finish schedule.

3.1.2 Suspension Provision:
Standard 15/16” Ceiling Grid, Screws, Adhesive, PVC Track, See Xalon drawings for more information

3.1.3 Attachment Method:
Screws, Adhesive, PVC Track, See Xalon drawings for more information

3.1.4 Workmanship The panel system shall be installed only by an approved contractor. All work shall be completed in a workman like manner. All panels shall be properly installed and left in a clean, sanitary condition. Contractor shall remove and dispose of shipping containers and debris. No special clothing or equipment needed