

Request for Proposal (RFP) for Integrating Sphere with accessories

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S.No	Name of the component	No.of Units required
1	3 Port - 3.3" Integrating Sphere with Accessories	1
2	3 Port - 5.3" Integrating Sphere with Accessories	1

Technical specifications of the component

1. 3 Port - 3.3" Integrating Sphere with Accessories

Technical Specs

Integrating Sphere - 1 Number	
Detector Type	Integrating Sphere
Material	Spectralon
Sphere Size	3.3"
Port Size	<ul style="list-style-type: none">• 1.5"(0° Port) - - with 1" port frame reducer• 1.0"(90° Port and North Pole)
Thermal Limit	350°C
Sphere Accessory- Port Reducer(1 Number)	
Type	Port Reducer
Clear Aperture	0.5"
Input Port Size	Mount to 1" port
Sphere Accessory- Port Reducer(1 Number)	
Type	Port Reducer
Clear Aperture	0.25"
Input Port Size	Mount to 1" port
Sphere Accessory- Port Plug(2 Numbers)	
Type	Port Plug
Size	1"
Coating	Spectralon
Sphere Accessory- Port Plug(1 Numbers)	
Type	Port Plug
Size	1.5"
Coating	Spectralon

Sphere Accessory- Detector Adapter (1 Number)	
Type	Detector Adapter
Input Port Size	Mount to 1" port
Flange Type	1.0" Sphere Flange
Sphere Accessory- Fiber Adapter (1 Number)	
Type	Fiber Adapter
Input Port Size	Mount to 1" port
Connector Type	SMA
Flange Type	1.0" Sphere Flange

2. 3 Port - 5.3" Integrating Sphere with Accessories

Technical Specs

Integrating Sphere - 1 Number	
Detector Type	Integrating Sphere
Material	Spectralon
Sphere Size	5.3"
Port Size	<ul style="list-style-type: none"> • 2.5"(0° Port) - with 1" port frame reducer • 1.0"(90° Port and North Pole)
Thermal Limit	350°C
Sphere Accessory- Port Reducer(1 Number)	
Type	Port Reducer
Clear Aperture	0.5"
Input Port Size	Mount to 1" port
Sphere Accessory- Port Reducer(1 Number)	
Type	Port Reducer
Clear Aperture	0.25"
Input Port Size	Mount to 1" port
Sphere Accessory- Port Plug(2 Numbers)	
Type	Port Plug
Size	1"
Coating	Spectralon
Sphere Accessory- Port Plug(1 Numbers)	
Type	Port Plug
Size	2.5"
Coating	Spectralon
Sphere Accessory- Detector Adapter (1 Number)	
Type	Detector Adapter
Input Port Size	Mount to 1" port
Flange Type	1.0" Sphere Flange
Sphere Accessory- Fiber Adapter (1 Number)	
Type	Fiber Adapter
Input Port Size	Mount to 1" port
Connector Type	SMA
Flange Type	1.0" Sphere Flange

Scope of the item:

Above mentioned items will be used for the laboratory experiments.

Eligibility criteria of vendor:

The vendor must have knowledge, experience and infrastructure for the design and fabrication of optical elements.

Expected deliverables:

As mentioned in "**Table of Contents**" along with conformance certificates for specifications mentioned in "**Technical specifications of the components**" along with all necessary test certificates.

Expected Time Schedule

6 - 8 weeks

For any information/clarifications contact the following

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