



**Department of Aerospace Engineering  
IIT Kanpur**

November 18, 2013

Quotation request notice  
(Enquiry No - IITK/AE/R\_Kitey/24)

Sealed quotations are invited from dealers/distributors by the undersigned for procuring Autoclave Consumables for Composite Manufacturing. The requirement details are given below.

SI No.	Item	Technical Specifications	Qty. required
1	Release film	<ul style="list-style-type: none"><li>• curing temperatures up to 204°C (400°F) or more</li><li>• Curing pressure up to 7 bar or more</li><li>• Anti-stick properties</li><li>• Non perforated release films</li><li>• Non Flammable</li><li>• Colour – Clear/White/any</li><li>• Thickness - 27±10% micron</li><li>• Roll Size – 0.002” x 48” x 300’ or standard</li></ul>	1 Roll
2	Vacuum Bag Sealant Tape	<ul style="list-style-type: none"><li>• curing temperatures up to 204°C (400°F) or more</li><li>• Curing pressure up to 7 bar or more</li><li>• Colour – Yellow/Grey/any</li><li>• Used in autoclave or oven</li><li>• Easy to apply by hand</li><li>• Non hazardous</li><li>• Adhesions, Corrosion resistance and water resistance – Excellent</li></ul>	32 Rolls
3	Vacuum Valve	<ul style="list-style-type: none"><li>• Inside Diameter: 1/4"(6.25 mm) NPT Standard</li></ul>	6 pcs

		<p>male, Three Piece with Fastening Nut</p> <ul style="list-style-type: none"> <li>• Material: Aluminium and steel alloy</li> <li>• curing temperatures up to 204°C (400°F) or more</li> <li>• Max exterior pressure: 7 bars or above</li> <li>• Gasket: Silicone Rubber</li> <li>• Used in autoclave or oven</li> </ul>	
4	Vacuum Hose with quick disconnect	<ul style="list-style-type: none"> <li>• Max tested Use Temperature: 204°C or more</li> <li>• Max exterior pressure: 7 bars or above</li> <li>• Inside Diameter: 1/4"(6.25mm)</li> <li>• Standard Fittings: End fittings are 1/4" (6.25mm) NPT male connectors.</li> <li>• Used in autoclave or oven</li> <li>• Colour: Red/any</li> </ul>	6 pieces of 10 feet length

The quote should be submitted to the Department of Aerospace Engineering, IIT Kanpur by 05.12.2013.

Terms & Conditions of the quotations are as under:

1. The quotations should be submitted in the properly sealed envelop, addressed to the undersigned. The enquiry no. and date should invariably be quoted on the top of the envelope.
2. The equipment is to be delivered at IIT Kanpur. The quoted price should be inclusive of sales tax and other taxes including freight charges (if any).
3. The quotations shall remain valid for two months from the date of opening.
4. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.

Sincerely,

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