

Enquiry letter for the Purchase of 8 Channel Battery Analyser

We are interested in buying 8 Channels Battery Analyzer (0.1-10 mA up to 5V) with Laptop and Software R&D Battery electrodes, Button cells cases, Li-ion Battery Separator Film, Compact Hydraulic Crimping Machine, Thin film applicator and Li+ ion electrolyte with following specifications.

Non Consumables:

SL. NO.	ITEM DESCRIPTION
1.	<p>8 Channels Battery Analyzer (0.1-10 mA up to 5V) with Laptop and Software R&D Battery electrodes</p> <p>Specifications:</p> <ul style="list-style-type: none">▪ Power supply: AC 110V or AC 220V▪ Current range: $\pm 0.1\text{mA} - 10\text{mA}$▪ Current measurement accuracy: $\pm 0.05\%$ of reading + 0.1% of range▪ Voltage range: 0-5V▪ Voltage measurement accuracy: $\pm 0.05\%$ of reading + 0.1% of range▪ Impedance: $\geq 10\text{m}\Omega$▪ Power: 30W▪ Max measurement cycles: 9999 cycle▪ Data register conditions:▪ Time interval: 5 – 900s▪ Range of Voltage: 5 – 5000mV▪ Compliance: CE certified
2.	<p>Compact Hydraulic Crimping Machine:</p> <p>Specifications:</p> <ul style="list-style-type: none">▪ Standard Crimping Die: One set of crimping dies for all CR20XX coin cell, such as CR2032, CR2025 and CR2016▪ Optional Crimping Die: CR2325 or CR2450 or other special size at extra cost▪ Structure: Heavy Duty Steel plate▪ Pressure: Max. 8 metric Tone hydraulic with automatic return▪ Net Weight: 25Kg▪ Machine overall Dimension: 300L x 190 W x 310H mm▪ Shipping Weight: 35 Kg▪ Compliance: CE Certified

3.	<p>Double Blade Micrometer Film Applicator with Width of 150 mm</p> <p>Specifications:</p> <ul style="list-style-type: none"> ➤ Two blades with adjustable height from 0 - 5 mm ➤ Width: 150 mm ➤ Make wet film thickness between 0 - 900 microns. ➤ Micrometer head's controllable accuracy is 2 microns.
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Consumables:

1.	<p>316 Stainless Steel-CR2325 button cells cases (23d x 2.5t mm) for Battery Research (1 pair with O-ring)</p> <p>Specifications:</p> <ul style="list-style-type: none"> ▪ One pair of CR2325 button cells case including bottom and top part , made of 316 stainless steel with sealing O-ring , which has better resistant of corrosion than SS304 ▪ Dimension of crimped cell: (Dia X H): $23^{0}_{-0.4}$ mm x $2.5^{0}_{-0.3}$ mm ▪ ID of bottom can: 22mm ▪ ID of top can: 20mm ▪ Insulation ring: PP ▪ Weight: 0.1 Oz ▪ It should be excellent for developing new rechargeable battery and battery electrodes
2.	<p>Li-ion Battery Separator Film (0.025mm thickness x 85mm width x 235meter Length)</p> <p>Specifications:</p> <ul style="list-style-type: none"> ▪ Thickness: 16~25μm ▪ Width: 85 mm ▪ Length: 235m ▪ Net weight: 0.7 lb ▪ Material: Polyethene ▪ Surface Density: 10~14g/m² ▪ Porosity: 36%~44% ▪ Pore Size: 0.01~0.1μm, mainly 0.03μm ▪ Penetration Strength: 0.5~0.65kg/mm ▪ Tensile Strength: <600N/m ▪ Shut-off Temperature: 131~133 °C
3.	<p>Electrolyte LiPF6 for Lithium-ion battery R&D (LiPF6 in Organic Solvent for Immediate Use) 500g (10 x 50g)</p>

TERMS AND CONDITIONS:

1. Technical and commercial bids should be sealed in two different envelopes. Kindly mention tender enquiry number on the top of envelop.
2. FOB and CIF New Delhi prices must be mentioned separately
3. Quotation must accompany the proprietary certificate in case of sole manufacturer.
4. Agency certificate must be provided in case of Indian agent representing foreign supplier.
5. Offer validity: 60 days
6. Warranty: Comprehensive warranty for 2 years

Kindly send your offer so as to reach us on or before **April 30, 2012** at the following address.

Prof. Ashutosh Sharma
Attn: Kunal Mondal
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Kanpur 208016 INDIA