

Department of Materials Science and Engineering
Indian Institute of Technology Kanpur

Enquiry No.: IITK/MSE/AG-2/2016-2017

Enquiry Date: 08.09.2016

Closing Date: 20.09.2016

Call for Quotation of PC₇₁BM ([6,6]-Phenyl C₇₁Butyric Acid Methyl Ester)

Sealed quotations are invited for the supply of following specialized chemical as per the following specifications:-

Sl. No.	Description	Qty
01.	<p>PC₇₁BM: 3'H-Cyclopropa[8,25] [5,6]fullerene-C₇₀-D₅h(6)-3'butanoic acid, 3'Phenyl-3'H-cyclopropa[8,25] [5,6]fullerene-C₇₀-D₅h(6)-3'butanoic acid, methyl ester, [70]PCBM, commonly known as [6,6]-Phenyl C₇₁Butyric Acid Methyl Ester</p> <ul style="list-style-type: none">• Assay must be greater than 99%• To be used as a n-type material in high efficiency organic solar cells in combination with materials such as PTB7 with efficiencies reported above 7.5% with high Open Circuit Voltage (Voc), high Power Conversion Efficiency (PCE) bulk heterojunction solar cells. Data with typical high efficiency donors would be useful.• >99.9% [6,6] isomerized.• Material must be soluble in chloroform, chlorobenzene and dichlorobenzene.• PC₇₁BM has increased optical absorption in the visible region compared to PC₆₁BM. This can lead to improved light-harvesting in OPVs. <p>The materials data MUST be provided such as data on conventionally prepared organic solar cell devices in normal and inverted architectures, molecular weight, absorption spectra, the energy levels and other material related properties</p>	01gm

Terms & Conditions:

1. Please mention tender notice number on top of the envelope.
2. Validity of quotation should be at least for 60 days.
3. The delivery period should be specifically stated. Earlier delivery may be preferred.
4. Quotation should carry proper certifications like authorization certificate, proprietary certificate etc. (if applicable).
5. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%). Prices quoted should be C.I.F. New Delhi or C.I.F. IIT Kanpur (Preferable).
6. Institute is exempted from payment of Excise Duty under notification No. 10/97.
7. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation in sealed envelopes latest by 3.00 PM on 20.09.2016 to the following address;

Dr. Ashish Garg, Professor
Dept. of Materials Science and Engineering
Indian Institute of Technology,
Kanpur- 208016