



Department of Metallurgical and Materials Engineering
Indian Institute of Technology, Madras, Chennai – 600 036

Enquiry No.

MET	2013	009	G-DJA
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Date: 27.9.13

Due Date: 7.10.13

Dear Sirs,

1. Quotations are invited **in duplicate** for the various items shown below / overleaf / enclosed list.
2. The Quotations duly sealed and superscribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If Quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms Outside Chennai :** Quotations should be for F.O.R Chennai. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rate of Sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have Concessional Sales Tax applicable to non-Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificates will be issued at the time of final settlement of the bill.**
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.

Yours faithfully,

1) Dry Ice Blasting Machine as per Specification enclosed
Please send the Quote hard copy by ^{Corrinn} Post Sealed Over to
Dr. G. D. Janakiram for any clarification in this regard. Contact: for

Mob: 9840597364

E-Mail: jram@iitm.ac.in.

PROJECT CO-ORDINATOR
DEPT. OF METALLURGICAL & MATERIALS ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI - 600 036, India

S. Prasad
The Head of the Department
The Project Co-ordinator
Met. & Materials Engineering
IIT Madras, Chennai – 600 036

*Strike Out whichever is not applicable.

Technical Specification for Dry Ice Blasting Machine (one number)

Power	Voltage 230 V, AC 50 Hz
Weight	<60kg
Dry ice capacity	15kg (minimum)
Dry ice consumption	20-50 kg/hr (infinitely adjustable)
Dry ice pellet size	ϕ 3mm
Supply pressure	5-15 bar
Blasting pressure	2-10 bar
Blasting hose length	5 m (minimum)
Air consumption	1-5 Nm ³ /min
Noise level	<130dBA
Blasting hose	Flexible fiber reinforced silicone tube with a protective sleeve
Ice gun handle	½"
Air supply hose	ϕ ¾", 10mm long
Nozzle	ϕ 6mm
Flat nozzle	50mm
High flow ice splitter w/grid	1.5 mm
Long life grid f/ice splitter	2mm
Extension bend	90° x 210 mm, 45° x 210 mm