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**Hydrostatic Extrusion & Material Synthesis Pilot Plant
NATIONAL PHYSICAL LABORATORY**

Hillside Road, NEW DELHI-110012.

Dr. B. K. Agarwala
Project Coordinator

Ref. No. AM/MW/58/76

Date 18 February 1976

Prof. H. Tracy Hall,
H. Tracy Hall Incorporated,
P.O. Box 7533,
University Station,
Provo, Utah 84601
U.S.A.

Dear Prof. Tracy Hall,

Thank you very much for your letter dated January 15, 1976.

I received your letter dated January 5 regarding the guide pin seals etc. We are still trying to instal a 1/2 ton crane to lift one side of the press a little bit so as to release the pin. The installation of the crane will, however, take sometime and as advised by you we are operating the press as such with a low retraction speed.

Inspite of best efforts we have not been able to work the heat control unit and are still using the variac rehostat. Is there some way out of this solid state circuitry business and revert to conventional circuitry? All such components will be available in this country itself. The only problem is to get a circuit which we could fabricate ourselves. Potentiometers are also available in this country. Could we get you advice as to how to go about this job?

You will kindly recall that during your stay here you had agreed to quote for a production belt device with a sample cavity of $\frac{1}{2}$ " dia x $\frac{3}{4}$ " high. This, you said, would consist of a 800 ton press and 3 dies which could be moved in and out to make production operations possible. You had agreed to design this on Indian built motors so that there are no operational problem later.

We had written to you a letter regarding these quotations in November last itself after showing the draft to you and you were of opinion that it will be possible for you to give the quotations by the middle of February. I shall be grateful if you could find it possible to do so. I recall you having told me that you would design the cell finally before designing the equipment. If this is so, we would like to have the cell design as early as possible so that we might calculate our material requirements.

We wish to finalise the order quickly. While quoting kindly quote for all the spares. We shall place orders for enough spares along with the equipment so that time is not wasted later when we need these spares.

With kind regards,

Yours sincerely,

Bhagawala

(B.K. Agarwala)