

## Enquiry Form

Department of Petroleum Studies  
Z. H. College of Engg. & Tech.  
A.M.U., ALIGARH  
Date..... 5/6/16 .....

To  
M/s

Ref.no./DPS/ 1690 .....

Dear Sir,

Please quote your lowest rate, allowing concessions given to technical institutions, if any, for the repair of Micro Injection Molding Machine make M/s. Baby Plast, Italy, model no. 610P Proportional Injection molding machine with 18.0 mm piston diameter. The detailed specifications of machine are enclosed.

The said machine was damaged during the transit from Italy. According to survey report some electronic cards, sensors and hydraulic parts were damaged. Since the manufacturer of machine is not supporting the repair of said machine therefore we are inviting the quotation for repair of said machine from the competent agency having experiance in repair of BabyPlast Micro Injection Molding Machine.

We suggest the onsite inspection of said machine (at your own cost) to precisely estimate the your quotation.

Your sealed quotation should reach this office with 15 days from the issue of this inquirey.

Please note the followings;

1. 100% payment against the spare parts (if any) and service charges inclusive of all the applicable taxes will be made after successful repair and installation of machine at our site, D/o. Petroleum Studies, AMU - Aligarh.
2. The arrangment for fooding and lodgeging of your engineer(s) will be entirely on your part however we will help to find out hotels in Aligarh.
3. Only original and genuine spare parts will be accepted.
4. Please enclose document(s) in favour of your privious experiance in repair of BabyPlast's Micro Injection Molding Machine.

5. Since the department is having very limited facility of workshop and manpower therefore all the tools, testing equipments, accessories etc. along with required manpower will be arranged offsite and onsite by you.


6. If any spare part has to be imported from outside the country, the responsibility of import and insurance will be on your part. And payment will be made in INR only.

#### TERMS & CONDITIONS

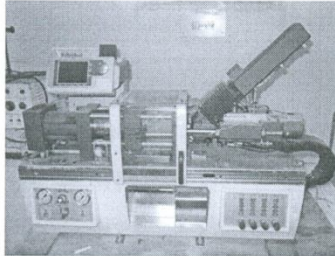
1. Goods should be dispatched R.O.R Aligarh/Ex-godown /at site/ by passenger train/goods train/parcels post.
2. Goods should be dispatched in name of the Coordinator (AICTE MODROB PROJECT), Department of Petroleum Studies, Z. H . College of Engineering and Technology, Aligarh Muslim University Aligarh -202002 , India .
3. Goods should be dispatch under insurance, at risk /owner's risk/supplier risk.
4. Payment shall be made against bill which should be forwarded in triplicate along with the R.R.
5. Goods or R.R. sent by V.P.P. or through state bank shall not be accepted /shall be accepted.
6. In case goods are not according to the specifications, the cost of returning them shall be borne by the firm.
7. Goods must be supplied within **60 days**, else the order shall be treated as cancelled the period of supply can be extended if so desired/can't be extended.
8. Any increase in the rate during the courses of supply shall not be accepted unless confirmed by this office/shall be accepted on intimation from the supplier beforehand.
9. The equipment/ instrument must be installed at the site.
10. Payment 100% after satisfactory installation.

  
5/4/14  
**CHAIRMAN**  
Deptt. of Petroleum Studies  
Aligarh Muslim University  
ALIGARH

Dated .....

  
Prof. Mohammad Kamil 5/4/14  
**(Coordinator)**  
AICTE MODROB Project  
Department of Petroleum Studies  
Z. H. College of Engg. & Tech.  
A.M.U., ALIGARH

**Specification of Machine:** 610P Proportional Injection molding machine with 18.0 mm piston diameter.



**TECHNICAL DATA - BABYPLAST, UAI & VERTICAL MACHINE**

Piston diameter (mm)	18
Volume (cm <sup>3</sup> )	15
Injection pressure (bar)	815
g (cm <sup>3</sup> /sec)	12,9

	<b>BABYPLAST 6/10P</b>
Dimensions	1100x500x70 mm
Clamp force	61,7 KN
Max. clamp speed	315 mm/sec
Opening force	4 KN
Opening stroke	30 – 110 mm
Ejector force	7,5 KN
Ejector stroke	45 mm
Injection carriage force	7,5 KN
Injection carriage speed	140 mm/sec
Hydraulic pressure	130 bar
Oil tank capacity	12 l
Dry cycle	2,1 sec
Plastification rate (PP)	1,8 g/sec
Injection speed	50 mm/sec
Ejector speed out	140 mm/sec
Ejector speed back	310 mm/sec
Hopper capacity	3 litres
Power	3 Kw
Heater capacity – Plast.	1000 W
Heater capacity – Cham.	460 W
Heater capacity – Nozzle	150 W
Weight	150 Kg



Survey Photographs of damaged Machine

