



**Purchase Specification for Electronic
pipette filling instrument**

SPECIFICATION NO.
JP/C.LAB/04/2019 Rev.00
Date: 28/11/2019

Sl No.	Parameter	Requirement
1	PURPOSE	For controlled filling of chemicals in conventional pipette Minimum filling required is 50 ml
2	SCOPE OF SUPPLY	Complete set of Electronic pipette filling instrument including motorised arrangement for filling/emptying the conventional pipette
3	TRAINING	Two BHEL engineers are to be trained for acquaintance on operation and maintenance of the equipment's during commissioning at BHEL FSIP Jagdishpur
4	INSPECTION	The equipment shall be inspected at BHEL Fabrication, Stamping & Insulator Plant Amethi (U.P.)
5	ANY OTHER INFORMATION	Supplier can furnish any other additional information considering the overall requirements
Technical Parameters		
1	Flow	Continuous flow of liquid without any air bubble to be ensured
2	Plunger	Plunger functioning should be adequately sensitive to fill/dispense the pipette accurately
3	Capacity	50 ml -100 ml
4	Operation	Electronic pipette filling instrument offering Single Knob Dual Dispensing Mode Gravity Mode & Blow
5	Battery	Rechargeable Battery
6	Warranty	Minimum 12 Months

Prepared By:


Dharendra Kumar
Sr. Engineer/PPC, Tech

Approved By:


Vijay Sharma
DGM (Insul Prod/PPC/Lab)