

ENQUIRY NO. CHM/IITK/JNM/2012-13/23 DATED 03/01/2013

**The suppliers are requested to submit quotations for
CYCLIC VOLTAMMETRY EQUIPMENT
by 16th January, 2013 (Wednesday) to the undersigned in a sealed envelope.**

The price quoted should be FOB or INR.

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Potentiostat/Galvanostat with the following specifications.

1. Capable of performing the following experiments: Cyclic voltammetry, Linear sweep voltammetry, Chronoamperometry, Chrono coulometry, Chronopotentiometry, Open circuit potential vs. time, Constant potential amperometry, Q vs. $t^{1/2}$ plot (for chrono coulometry), I vs. $t^{-1/2}$ plot (for chrono amperometry), Double step chronopotentiometry, Normal pulse voltammetry, Differential pulse voltammetry, Square wave voltammetry, Linear sweep stripping voltammetry, Differential pulse stripping voltammetry, Square wave stripping voltammetry.
2. 1 no. of channels and compliance voltage of ± 12 V.
3. Maximum current of 100 mA; applied potential of ± 3.275 V with 100 μ V resolution.
4. Applied current: 1–50 mA Range: ± 10 V.
5. Tool kit and associated softwares.
6. Cell stand with magnetic stirrer.

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