

**Centre for Rural Development and Technology  
Indian Institute of Technology Delhi  
HauzKhas, New Delhi-110 016**

Dated: 16 July, 2014

**Sub: Notice Inviting Quotation (NIQ) for the purchase of a “Denaturing gradient gel electrophoresis/Universal Mutation Detection System”.**

**Ref :IITD/Plg/Budget/2014-2015/CRDT1065 Dt. 20/06/2014**

**Last Date for submitting quotations: 17/08/2014**

We are in the process of purchasing a “Denaturing gradient gel electrophoresis/Universal Mutation Detection System”. The detailed specifications for the same are mentioned below. Vendors are also requested to read and fully comply with the terms and conditions mentioned below.

## Technical Specification

### Denaturing gradient gel electrophoresis/Universal Mutation Detection System

(One complete set)

Sl. No.	Specification	Remarks
1.	Should consist of an electrophoresis module with a temperature control module.	
2.	Should include a buffer re-circulating pump and other accessories for casting specific.	
3.	A manual gradient former to create linear gradient gels should be included.	
4.	System should be for 16 cm gels with 20 wells (1mm).	
5.	System should contain all necessary requirements to to cast a gradient gel (spacer, glass plates, gel wrap gasket, clamps etc).	
6.	Modular design to allow customization for other applications	
7.	System should be able to run 64 samples in as little as 2 hours, with accurate temperature control between 5 to 70°C.	
8.	The manufacturer should have kits to support for techniques such as DGGE, CDGE, SSCP and TTGE.	
9.	System should be supplied with a Windows based software which is able to predict the melting profile of any DNA sequence up to 3200 bases. Software should help in optimization by analyzing the placement effect of primers & GC clamps on the DNA melting profile.	
10.	System should be supplied along with a horizontal electrophoresis gel running apparatus (gel tray size of 7 x10 cm) with gel caster, two combs and other accessories. It should be of the same manufacturer.	
11.	One pack of 10% fast running stain free gel solution sufficient to cast as many as 50 gels of 1.00 mm thickness should be provided. Should be of the same manufacturer.	
12.	System should be supplied with a vertical electrophoresis capable of running two mini gels simultaneously and upgradable to a 4- gel system. Should have a pack of five 1.00 mm spacer plates (plates with integrated spacers), 5 combs and 5 short plates. It should be of the same manufacturer.	

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System should also be supplied with a basic power supply (300 V).  
Should be from the same manufacturer and not quoted from third party vendor.

### **Terms and Conditions**

1. Preparation of Bids: The bids should be submitted in the two bid system, i.e., separate Technical bid and Financial bid.
2. Submission of Bids: The quotations/bids are to be submitted offline. Hard copy is to be submitted at Dr. Hariprasad P., Centre for Rural Development, IIT Delhi, Hauz Khas, New Delhi-110016.
3. Pricing: The prices quoted should be on Freight on Board (FOB) basis. The price quoted should be exclusive of any taxes and duties which should be separately mentioned. IIT Delhi is exempted from excise duty and enjoys concessional rates on custom duty. Necessary certificates will be issued on demand.
4. Validity of the quotation: The quoted prices should be valid for at least 3 months.
5. Authorized agencyship: In case the quotation is being submitted by an authorized agent of the principal company, the AUTHORIZED SALES AGENCYSHIP certificate from the principal company should be furnished along with the quotation.
6. Proprietary Certificate: If the items are proprietary in nature, a copy of the proprietary certificate must be furnished.
7. Institute's Rights: The Institute reserves the right to accept/reject all/any quotation without assigning any reason thereof.
8. Discounts/Rebates: Special discounts/rebate wherever admissible keeping in view that items are being procured for academic research at a public institution of national importance may please be indicated.
9. Opening of bids: The bids will be opened by a committee duly constituted for this purpose. The technical bid will be opened first and examined by a technical committee which will decide the suitability according to our requirements.
10. Pre-qualification criteria: An undertaking from the principal should be issued stating that necessary technical updates and warranty/AMC support will be extended to the bidder. The principal should be an internationally reputed company. Non-compliance of the tender terms, non-submission of the required documents, lack of clarity of specification, contradiction between bidder specification and supporting documents, etc. may lead to rejection of the bid.

11. Installation and Demonstration: The supplier is required to install and demonstrate the working of the equipment within one month of the arrival at the site of installation.
12. Warranty and AMC: Warranty should be for the period of 24 months from the date of installation at IIT Delhi. In addition AMC for 1 year should also be provided after the warranty.
13. Payment: Payment will be made through an irrevocable Letter of Credit (LC). LC will be established in the favor of foreign supplier after submission of performance security. The applicable exchange rates will be taken on the date of the establishment of LC.
14. User List: Brochure detailing technical specifications and performance, list of academic and industrial establishments where the quoted equipment has been installed must be provided.
15. Clarifications and Enquiries: For any clarifications and enquiries regarding the submission of bids, please contact the Store Purchase Section, IIT Delhi (Tel: 01126591726).