



राष्ट्रीय पादप जीनोम अनुसंधान संस्थान

(जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार का स्वायत्त अनुसंधान संस्थान)

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

(An Autonomous Institution of the Department of Biotechnology, Ministry of Science and Technology, Government of India)

अरुणा आसफ अली मार्ग, पो. बाक्स नं. 10531, नई दिल्ली-110067

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संख्या : 9/2017-18/रा.पा.जी.अनु.सं./एस एंड पी

दिनांक: 25/9/2017

विषय / Subject: मुहरबंद कोटेशन का निमंत्रण / Invitation of Sealed Quotations

Sealed Tenders are invited on behalf of Director, NIPGR from the authorized service providers of **iTRAQ based proteome analysis of bacterial sample**, as per the following specifications in two bid system for our Institute.

Technical Specifications

1. Protein Quantitation is required to be done by iTRAQ and mass spectrometry with high laboratory standards to ensure the generation of technically valid results.
2. iTRAQ Technology coupled with 1D and 2D LC-MS/MS for multiplexing 8 samples (containing duplicates) simultaneously in a single experiment is required.
3. iTRAQ Analysis should enable relative and absolute quantitation of protein and peptides by labelling samples with isotope encoded reporter ions. The differential expression of characterized proteins is required to be determined.
4. The protein sample will be acetone-precipitated, digested and labelled. Samples will be labelled with iTRAQ reagents, and labelled peptides are required to be first separated by strong cation exchange chromatography.
5. Each cation exchange fraction is to be further analysed by reverse phase LC-MALDI. Results are required to be compared with the software which is accredited for compliance with the latest ISO Standards.
6. The fully analysed results along with raw data need to be provided.
7. Training should be provided to the end user to interpret iTRAQ raw data.

You are therefore requested to please send your offer in **two bid system** indicating the maximum discount offered. The quotations must accompany a Demand Draft amounting to ₹ 8,000/- (Rupees Eight Thousand only), being the EMD in the name of Director, NIPGR, New Delhi and must be sent in a **Sealed Envelope** duly super-scribed on top of envelope as "Quotation for iTRAQ based proteome analysis of bacterial sample" so as to reach to the undersigned latest by 16/10/2017 (3:00 p.m.), the same shall be opened on same day at 3:30 p.m.

धन्यवाद,

(क्रय एवं भंडार अधिकारी)

Encl: Terms & Conditions (Annex – I)

नियम और शर्तें::

- The quotations must accompany a Demand Draft amounting to ₹ 8,000/- (Rupees Eight Thousand only), being the EMD in the name of Director, NIPGR, New Delhi. In the event of non fulfillment of work awarded / withdrawal of quotations, the EMD will be forfeited by the Institute. The EMD shall be released upon completion of work to the satisfaction of Indentor Scientist.
- The rates quoted by you for the said services shall be valid for a period of one year from the date of issue of Work Order and no requests for any increase in the rates will be entertained during the contract period. No advance payment will be made.
- The Director, NIPGR reserves the right to amend any of the terms and conditions contained in the Tender Document or reject any or all applications (offers) or not to award the contract to the lowest bidder without giving any notice or assigning any reason thereof. The decision of the Director, NIPGR in this regard will be final and binding.
- Payment will be released after completion of work to the satisfaction of the Indentor Scientist and after deduction of tax at source as per Rules.
- The bids will be accepted in respect of those companies having successfully completed one similar work costing not less than ₹ 3,20,000/- or two similar works each costing not less than ₹ 2,00,000/- or three similar works each costing not less than ₹ 1,60,000/- and having annual financial turnover of ₹ 4,00,000/- during the last three financial years. Similar works means, work related to sequencing / analysis of similar samples in Government National Laboratories / Institutions / Universities and reputed Organizations, engaged in the area of Research & Development. Intending tenderers must enclose documents such as Completion Certificates and Work / Supply orders / certified Balance Sheet / ITR Returns for three last financial years.

(क्रय एवं भंडार अधिकारी)