



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  
Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

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

दिनांक: 07/12/2017

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 **Small RNA Sequencing of 20 Samples**, as per the following specifications in two bid system for our Institute.

**Technical specifications and requirements**

1. Library preparation and sequencing of 10-50 nucleotide long small RNAs using Illumina sequencing platform.
2. Sequencing parameters
  - a. A total of 30 million reads (or more) on the sequencing platform generating high Q values per sample.
  - b. Single end sequencing of each sample.
  - c. Minimum read length of each high-quality read should be 50 nucleotides.
3. Total RNA QC on RNA Nano 6000 Assay, Qubit fluorometer.
4. Small RNA library preparation & QC using High Sensitivity Bioanalyser Chip.
5. Well defined Sequencing quality testing and share the entire QC data with the PI.
6. The following quality checks will be performed on the FastQ file:
  - Base quality score distribution
  - Sequence quality score distribution
  - Average base content per read
  - Read length distribution
  - GC content distribution of reads
  - PCR amplification/read duplication related metrics
  - Enrichment of specific sequences (over-representation of sequences)
  - Biasing of k-mers

You are therefore requested to please send your offer in **two bid system** indicating the maximum discount offered. **The prices and taxes should be quoted separately in the Price Bid.** The quotations must accompany a Demand Draft amounting to ₹11,000/- (Rupees Eleven 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 Small RNA Sequencing of 20 Samples"** so as to reach to the undersigned latest by **27/12/2017 (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)**

## Annexure – I

### नियम और शर्तें::

- The quotations must accompany a Demand Draft amounting to ₹ 11,000/- (Rupees Eleven 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 ₹ 4,40,000/- or two similar works each costing not less than ₹ 2,75,000/- or three similar works each costing not less than ₹ 2,20,000/- and having annual financial turnover of ₹ 5,50,000/- 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.
- The bidders are requested to show tax component separately in the financial bid. In case of any revision in tax rate during submission of tender and opening of price bid, the tax rate applicable on date of opening of price bid will be considered for evaluation of price bids.

(क्रय एवं भंडार अधिकारी)