



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: 9/2016-17/रा.पा.जी.अनु.सं./एस एण्ड पी

दिनांक: 25/4/2016

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

Sealed Tenders are invited on behalf of Director, NIPGR from the authorized service providers for **Bisulphite Sequencing**, as per the following specifications in two bid system for our Institute.

Technical specifications and requirements

1. The work will involve whole genome library preparation and sequencing of seven samples with bisulphite conversion from a plant species. Work will involve all steps starting from genomic DNA till quality filtered sequence data, including all the steps (but not limited to) for quality check of DNA, library preparation including bisulphite conversion followed by sequencing and filtering of high quality data.
2. The sequencing should be done on Illumina platform with read length of 90-100 bp paired-end with minimum 20 GB clean high-quality filtered data (more than 200 million reads) for each library. The bisulphite conversion efficiency should be more than 99% as indicated by the spike-in control added (to be added by the service provided) or other similar evidence. The number of clonal/duplicated reads should be less than 5%.
3. All the details/information should be provided, including detailed description of all the steps and protocol followed, QC details of all the steps, all the raw and high-quality filtered data for each library in a suitable hard disc or via ftp download.
4. An agreement is to be signed by the company to maintain the complete confidentiality of the project. All the terms and conditions, including sample requirements, turn around time (from sample receipt till data delivery) for the whole project should be clearly indicated.
5. The company should provide evidence for experience in handling projects of whole genome bisulphite sequencing. Only published research articles (at least three in high impact journals) with clear mention of the service provider name will be considered as sufficient evidence of the experience/expertise in successful execution.
6. The company should provide the clear evidence for availability of in-house facility of a Illumina Hi-seq platform for executing the above project.
7. The cost of data analysis (basic and advanced) including (but not limited to) QC, discovery of methylated Cs, differentially methylated regions, their annotations etc. should also be quoted separately as optional.

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 ₹ 16,000/- (Rupees Sixteen 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 Bisulphite Sequencing" so as to reach to the undersigned latest by 17/5/2016 (3:00 p.m.), the same shall be opened on same day at 3:30 p.m.

धन्यवाद,

(कय एवं भण्डार अधिकारी)

Encl: Terms & Conditions (Annex – I)

नियम और शर्तें:

- The quotations must accompany a Demand Draft amounting to ₹ 16,000/- (Rupees Sixteen 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 ₹ 6,40,000/- or two similar works each costing not less than ₹ 4,00,000/- or three similar works each costing not less than ₹ 3,20,000/- and having annual financial turnover of ₹ 8,00,000/- 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.

(कय एवं भण्डार अधिकारी)